



# **12<sup>th</sup> Annual Academic Surgical Congress**

## **MEETING PROGRAM**

**February 7 - 9, 2017**

**Encore Las Vegas  
Las Vegas, Nevada**

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#### **Association for Academic Surgery (AAS)**

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Los Angeles, CA 90064  
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#### **Society of University Surgeons (SUS)**

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Los Angeles, CA 90064  
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[www.susweb.org](http://www.susweb.org)



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## EDUCATIONAL OBJECTIVES

After participating in this educational activity, attendees will be able to:

1. Identify important research and clinical advancements relating to topics within academic surgery, including oncology, trauma, critical care, pediatrics, vascular, cardiothoracic, gastroenterology, transplant, education, emerging technologies, global surgery, clinical trials, outcomes, and health services research.
2. Develop an understanding of current issues in the advancement of the art and science of surgery.
3. Improve treatment strategies for surgical patients.
4. Discuss the latest basic science, translational, and health services research and the expected impact of these breakthroughs in future patient care.
5. Review the newest technologies that facilitate improved outcomes in surgical patients.

## ASC 2017 INSTITUTIONAL MEMBERS

### Platinum Members

- Duke University Department of Surgery
- Stanford University School of Medicine, Department of Surgery\*
- University of California Los Angeles\*
- University of California at San Diego
- University of Michigan\*
- University of Vermont
- University of Wisconsin\*

### Gold Members

- University of Pittsburgh Medical Center\*

### Silver Members

- Beth Israel Deaconess Medical Center
- Johns Hopkins
- Medical College of Wisconsin\*
- Northwestern University Feinberg School of Medicine\*
- Penn State College of Medicine/Penn State Hershey Medical Center
- Rutgers New Jersey Medical School, Department of Surgery
- University of Arizona College of Medicine
- University of Cincinnati
- University of Texas MD Anderson Cancer Center
- University of Texas Medical Branch
- Vanderbilt University Medical Center

### Bronze Members

- Baylor College of Medicine\*
- Brigham and Women's Hospital
- Keck School of Medicine, University of Southern California
- Massachusetts General Hospital\*
- University of Colorado School of Medicine
- University of North Carolina School of Medicine
- University of Texas Health Science Center at Houston

\*Founding Institutional Member

## ASC 2017 EXHIBITORS

**Alpha Innovation**

**GIBLIB**

**Globo-sa, Inc.**

**GS Innovations**

**HCA**

**Teleflex**

**World Molecular Imaging Society**

**Yota Enterprise**

# GENERAL INFORMATION



## EVENT NAME

**12<sup>th</sup> Annual Academic Surgical Congress**

## DATE

**February 7 - 9, 2017**

## LOCATION

**Encore Las Vegas**

3131 Las Vegas Blvd. South  
Las Vegas, Nevada 89109

## CONTACT

**Association for Academic Surgery (AAS)**

11300 West Olympic Blvd, Suite 600  
Los Angeles, CA 90064  
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[www.susweb.org](http://www.susweb.org)

The Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS) are managed by BSC Management.

**BSC Management**

11300 West Olympic Blvd, Suite 600  
Los Angeles, CA 90064  
Phone: (310) 437-0555  
[www.bscmanage.com](http://www.bscmanage.com)

## ON-SITE REGISTRATION HOURS

**Location: Encore Promenade**

|                             |                   |
|-----------------------------|-------------------|
| Monday, February 6, 2017    | 2:00 PM - 6:00 PM |
| Tuesday, February 7, 2017   | 6:30 AM - 6:30 PM |
| Wednesday, February 8, 2017 | 6:30 AM - 6:30 PM |
| Thursday, February 9, 2017  | 7:00 AM - 3:00 PM |

## SPEAKER READY ROOM HOURS

**Location: Mozart Room**

All presentations must be loaded onto the show computer. All presenters should arrive to the Speaker Ready Room preferably TWENTY FOUR HOURS PRIOR to the start of their session. A technician will be available onsite at the Encore Hotel to assist you with your presentation to load it onto the show computer.

|                             |                   |
|-----------------------------|-------------------|
| Monday, February 6, 2017    | 2:00 PM - 9:00 PM |
| Tuesday, February 7, 2017   | 5:30 AM - 6:30 PM |
| Wednesday, February 8, 2017 | 5:30 AM - 6:00 PM |
| Thursday, February 9, 2017  | 5:30 AM - 3:00 PM |

## EXHIBIT HOURS

**Location: Encore Ballroom 2**

Visit the ASC Exhibit Area for your opportunity to update yourself in the latest surgical services and products. The Exhibits offer you the very best in equipment and services, plus the innovative tools for boosting your surgical knowledge.

**Tuesday, February 7, 2017**

|                    |                                        |
|--------------------|----------------------------------------|
| 9:30 am - 4:00 pm  | Exhibit Area Open                      |
| 9:30 am - 10:00 am | Morning Break in Exhibit Area          |
| 3:30 pm - 4:00 pm  | Afternoon Break in Exhibit Area        |
| 4:00 pm - 6:30 pm  | Exhibits Closed - Break for Exhibitors |
| 6:30 pm - 7:30 pm  | Welcome Reception in the Exhibit Area  |

**Wednesday, February 8, 2017**

|                    |                                 |
|--------------------|---------------------------------|
| 9:30 am - 4:30 pm  | Exhibit Area Open               |
| 9:30 am - 10:00 am | Morning Break in Exhibit Area   |
| 2:30 pm - 3:00 pm  | Afternoon Break in Exhibit Area |

**Thursday, February 9, 2017**

|                   |                               |
|-------------------|-------------------------------|
| 9:00 am - 1:30 pm | Exhibit Area Open             |
| 9:00 am - 9:30 am | Morning Break in Exhibit Area |
| 1:30 pm           | Exhibits Close                |

## DISCLOSURE PROCEDURE

It is the policy of the Academic Surgical Congress (ASC) and PESI, Inc., in accordance with the Accreditation Council for Continuing Medical Education (ACCME), to ensure balance, independence, objectivity and scientific rigor in all CME activities. Anyone engaged in content development, planning or presentation must disclose all relevant financial relationships with a commercial interest producing health care goods or services; and who also has the opportunity to affect the content of CME about the products or services of that commercial interest. All presenters are also required to disclose any usage of investigational use or off-label products. Disclosure information will be provided to participants prior to the meeting in the final program.

## ADA STATEMENT

In accordance with the ADA, the Academic Surgical Congress will accommodate requests for special needs made in advance of the meeting.

**The programs and talks presented at the 12<sup>th</sup> Annual Academic Surgical Congress are copyrighted products of the Academic Surgical Congress. Any reproduction or rebroadcasting without the express written consent of ASC is strictly prohibited.**

## FLOORPLAN

### Encore Ballrooms & Meeting Rooms



## MESSAGE FROM THE PRESIDENTS



Dear Guest,

On behalf of the Executive Councils of the Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS), we are delighted to invite you to Las Vegas, NV for the **12<sup>th</sup> Annual Academic Surgical Congress (ASC)**.

Over the past 12 years the ASC has become the premier gathering place for surgeon-scientists—offering unparalleled opportunities for scientific exchange and networking with peers. Each year the ASC registration grows (topping 1,500 last year) and the program has become more diverse, with programming in basic science, education, health policy, outcomes research, global health, leadership, and many other topics relevant to academic surgery.

This year's program, led by Adil Haider, MD, MPH of the AAS and Rebekah R. White, MD of the SUS, promises to be the most diverse, vibrant, and exciting yet! This year as the AAS celebrates its 50<sup>th</sup> meeting, **a special Founders panel will host AAS Past Presidents** who will provide an overview of the AAS and the state of surgical care and surgical science across the decades. The SUS Joel J. Roslyn lecture, another highlight each year, will be given by **Funda Meric-Bernstam, MD**. We also invite you to attend each of the AAS and SUS Presidential Sessions and Addresses, which will discuss broad topics of critical relevance to the discipline today. Finally, and perhaps most importantly, we hope that you will develop new friendships and collaborations, and that these new relationships will enhance your goals of performing the highest quality research and improving patient care.

The combination of cutting-edge science, dynamic speakers, and rich mentoring programs for students, residents and junior faculty will provide a week full of learning and numerous opportunities to connect with colleagues in an engaging city!

Enjoy Las Vegas!



**Caprice C. Greenberg, MD, MPH**  
**AAS President**

Professor of Surgery and Morgridge Distinguished Chair in Health Services Research  
Vice Chair of Research, Department of Surgery  
Director, Wisconsin Surgical Outcomes Research Program  
University of Wisconsin School of Medicine and Public Health



**Rebecca M. Minter, MD**  
**SUS President**

Professor and Alvin Baldwin Jr. Chair in Surgery  
Vice Chair of Clinical Operations and Finance  
Chief, Section of HPB and GI Surgical Oncology  
Department of Surgery  
UT Southwestern Medical Center



## CME Worksheet

**CME Worksheet for Academic Surgical Congress 2017 Meeting:** This is not your CME credit form. Please use the worksheet below to track the number of CME hours you attend for each activity. The link to the evaluation and CME credit claim system will be available online at [academicsurgicalcongress.org](http://academicsurgicalcongress.org). Certificates may be printed and re-printed through the CME system website.

| <b>Tuesday, February 7, 2017</b>                                                                                                           | <b>Session Time</b> | <b>Credits Available</b> | <b>Hours Attended</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|-----------------------|
| Integrated Quick Shot Session I (Sessions 1 - 18)                                                                                          | 7:30AM - 9:30AM     | 2                        |                       |
| SUS Presidential Address: "Passion, Integrity, Resilience – Core Values to Carry Us Forward"                                               | 10:45AM - 11:30AM   | 0.75                     |                       |
| Hot Topic Session 1: "Global Surgery: Just a Hobby or a Viable Academic Career Path?"                                                      | 11:30AM - 1:00PM    | 1.5                      |                       |
| Issues Committee Session: "Finding Professional Balance in an Era of Scarce Resources: Can It Be Done"                                     | 11:30AM - 1:00PM    |                          |                       |
| SUS Presidential Session: "The Servant Leader"                                                                                             | 1:00PM - 2:30PM     | 1.5                      |                       |
| SUS Joel J. Roslyn Lecture: "Precision Medicine: Hype or Hope?"                                                                            | 2:30PM - 3:00PM     | 0.5                      |                       |
| BJS Lecture: "Crowdsourcing Surgical Data"                                                                                                 | 3:00PM - 3:30PM     | 0.5                      |                       |
| Basic Science Plenary                                                                                                                      | 4:00PM - 5:30PM     | 1.5                      |                       |
| Ethics Committee Session: "Advocating for Patients Who Are Socioeconomically Disadvantaged; What is the Surgeon's Duty?"                   | 4:00PM - 5:30PM     |                          |                       |
| Total Credits Available:                                                                                                                   |                     | 8.25                     |                       |
| <b>Wednesday, February 8, 2017</b>                                                                                                         | <b>Session Time</b> | <b>Credits Available</b> | <b>Hours Attended</b> |
| Integrated Oral Presentation Sessions I (Sessions 22 - 39)                                                                                 | 7:30AM - 9:30AM     | 2                        |                       |
| AAS Founders Panel: "50th Anniversary - Past-Presidents' Reflections on the First 5 Decades of the Association for Academic Surgery"       | 9:45AM - 11:00AM    | 1.25                     |                       |
| AAS Presidential Address: "Sticky Floors and Glass Ceilings"                                                                               | 11:00AM - 11:45AM   | 0.75                     |                       |
| SBAS/AWS Luncheon: "The Art of War – How to Succeed in Academic Surgery"                                                                   | 11:30AM - 1:00PM    | 1.5                      |                       |
| AAS Presidential Session: "I'm with Her – Mobilizing the Surgical Community to Alleviate the Gender Gap in Surgery"                        | 1:15PM - 2:30PM     | 1.25                     |                       |
| Integrated Oral Presentations Session II (Sessions 40 - 57)                                                                                | 2:30PM - 4:30PM     | 2                        |                       |
| Total Credits Available:                                                                                                                   |                     | 8.75                     |                       |
| <b>Thursday, February 9, 2017</b>                                                                                                          | <b>Session Time</b> | <b>Credits Available</b> | <b>Hours Attended</b> |
| Elsevier Sponsored Breakfast: "Tips to Get Your Manuscript Accepted"                                                                       | 7:00AM - 9:00AM     | 2                        | 2.5<br>MAX            |
| Integrated Oral Presentation Sessions II (Sessions 58 - 75)                                                                                | 7:30AM - 9:30AM     | 2                        |                       |
| Education Plenary                                                                                                                          | 9:30AM - 10:30AM    | 1                        |                       |
| Outcomes Plenary                                                                                                                           | 10:30AM - 12:00PM   | 1.5                      |                       |
| Education Committee Session: "The Importance of Non-Technical Skills for Safe Surgical Care"                                               | 10:30AM - 12:00PM   |                          |                       |
| Hot Topic Session 3: "Surgeon Workplace Injury: The Unspoken Experience"                                                                   | 12:00PM - 1:30PM    | 1.5                      |                       |
| Senior Members Task Force Session: "Overcoming Adversity – A Critical Step Towards Career Satisfaction and Leadership in Academic Surgery" | 12:00PM - 1:30PM    |                          |                       |
| Integrated Quick Shot Sessions III (Sessions 78 - 95)                                                                                      | 1:30PM - 3:30PM     | 2                        |                       |
| Total Credits Available:                                                                                                                   |                     | 8.5                      |                       |
| Total Meeting Credits Available:                                                                                                           |                     | 25.5                     |                       |

## CME ACCREDITATION

This activity was planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of PESI, Inc. and the Academic Surgical Congress (ASC). PESI, Inc. is accredited by the ACCME to provide continuing medical education for physicians.

The PESI, Inc. designates this live activity for a maximum of 25.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**International CME:** International Physicians are formally eligible for *AMA PRA Category 1 Credit™*.

**Physician Assistants:** AAPA accepts Category 1 credit from AOACCME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit™* for the PRA from organizations accredited by ACCME.

## CME Credit Claim Instructions

Please read the instructions below for obtaining your CME Certificate and Certificate of Attendance.

ASC meeting evaluations are electronic via the online evaluation system. If you are seeking CME credit or a Certificate of Attendance, you may print your certificate upon completion and submission of the online evaluation form.

Please go to the online meeting website for the link to the evaluation system: <http://www.academicsurgicalcongress.org/> or

Access the evaluation system site directly at: <http://data.express-evaluations.com/eval/37232/web/main.php>

You will be prompted to enter login information to access the evaluation. The login information is your **registrant email address**. The password is **ASC** and is not case sensitive. You should also have received an email including this information. If you require the email used for your registration, contact the ASC Registrar at [registrations@academicsurgicalcongress.org](mailto:registrations@academicsurgicalcongress.org) or at 310-986-6444, ext 128. The evaluation includes the following sections: Demographics, Session Evaluation, and the Overall Evaluation.

Be sure to complete the online evaluation by **March 31, 2017**. You will receive your CME Certificate or Certificate of Attendance immediately after submitting your evaluation. Your certificate will be available for printing for 1 year after the meeting.

## Academic Surgical Congress Policy on Conflict of Interest

### A. Identifying Conflicts of Interest

**The ASC Conflict of Interest Committee has implemented the following process towards identifying potential conflicts of interest.**

1. Members of both AAS and SUS Committees involved in the planning of the Academic Surgical Congress, including the Core Group, must provide a financial disclosure. These disclosures are sent to the committee in advance of each committee meeting/conference call. Attendees are reminded about the disclosure policy at each committee meeting, and any committee member with a conflict is asked to recuse him or herself from the discussion of any relevant CME activities.
2. Invited faculty for the Academic Surgical Congress must provide their financial disclosures upon invitation to serve as faculty. This information is forwarded to the Conflict of Interest Committee, who then determines whether or not a potential conflict exists.
3. For abstract submissions for the scientific session, all content authors must provide disclosures upon abstract submission. Abstracts are peer reviewed in a blinded fashion by multiple reviewers and are selected for presentation based on scientific merit. All disclosures which indicate a potential conflict are provided to the Conflict of Interest Committee for review. No content author may be an employee of a commercial interest.
4. All speakers at the Academic Surgical Congress must display a list of financial disclosures on the first slide of their presentation and disclosures are printed in the final program materials.

### B. Managing Potential Conflicts of Interest

**The ASC Conflict of Interest Committee has implemented several mechanisms to manage conflicts of interest prior to an educational activity.**

1. Recusal, such as the committee member recusing him or herself from discussion of CME activities, and/or oversight by the Committee Chair.
2. The ASC Conflict of Interest Committee reviews all invited faculty and abstract author disclosures, and their respective proposed course outlines/faculty lists and abstracts. The disclosure form requires faculty/authors to provide management suggestions if there is a relationship with a commercial entity. If there is a potential conflict cited, this information is forwarded to the ASC Conflict of Interest Committee, who is responsible for determining whether or not a conflict exists and if so, how to manage this conflict.
3. If a conflict is determined, then a notice is sent via email to the faculty member/author from the ASC Program Chairs, requiring them to adhere to the management technique. Management techniques include providing an explanation of the potential conflict, changes to the presentation, recusing him or herself from the presentation, and/or submitting the presentation in advance of the ASC for peer review.
4. During the session, the Session Moderators will be notified which faculty were reviewed for potential conflict and are asked to observe the presentations and make note of commercial bias. If any is perceived, this is immediately reported to the ASC staff and the Moderator should also take steps to clarify this during the actual session by asking the faculty member/presenter to provide an explanation.
5. All ASC attendees are asked to make note of perceived commercial bias in the immediate post activity evaluations. The ASC Conflict of Interest Committee will investigate substantive concerns.

## MEET THE PRESIDENTS

### AAS PRESIDENT



**Caprice C. Greenberg, MD, MPH**

Dr. Greenberg is a tenured Professor of Surgery and the Morgridge Endowed Chair in Health Services Research at the University of Wisconsin. She is a surgical oncologist with a clinical practice in breast cancer and a health services researcher focused on improving patient safety and quality of care. Other leadership roles include Vice Chair for Research in the Department of Surgery and Director of the Wisconsin Surgical Outcomes Research (WiSOR) Program. She completed a general surgery residency at Brigham and Women's Hospital and Masters of Public Health at the Harvard School of Public Health in Boston, as well as a surgical oncology fellowship at the Partners-Dana Farber Cancer Center. Her multi-disciplinary research program includes comparative effectiveness and patient centered outcomes research in cancer care, and performance and quality measurement and improvement in surgery. She has been funded by a variety of agencies, including NIH, AHRQ, and PCORI. Dr. Greenberg is a founder and past President of the Surgical Outcomes Club. She serves on the steering committee for Cancer Care Delivery Research at the National Cancer Institute and chairs the Scholarships Committee for the American College of Surgeons. She served as Recorder and is currently President of the Association for Academic Surgery.

### SUS PRESIDENT



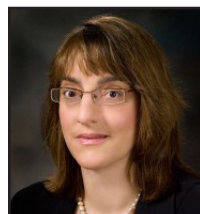
**Rebecca M. Minter, MD**

Rebecca M. Minter, MD, is the Vice Chair of Clinical Operations and Finance, Chief of the Hepatopancreatobiliary Surgery Section in the Division of Surgical Oncology, and Professor and Alvin Baldwin Jr. Chair in Surgery at the University of Texas Southwestern Medical Center. Upon completion of training, Dr. Minter joined the faculty at the University of Michigan in July of 2003, where she stayed until July of 2015. While at the University of Michigan, Dr. Minter served as the Chief of the Advanced GI and Hepatopancreatobiliary Surgery Division, the Associate Chair of Education for the Department of Surgery, and the Associate Program Director for the General Surgery Residency program. Dr. Minter's clinical practice is focused in the areas of pancreatobiliary and gastrointestinal surgery. She has a particular interest in the management and treatment of benign and neoplastic diseases of the pancreas. Dr. Minter is recognized as a clinical leader in her field and presently serves as the secretary of the Americas Hepatopancreatobiliary Association and as an Associate Editor of the journal, HPB. Dr. Minter's research efforts are primarily focused within the domain of surgical education. This work is focused on the development of training frameworks which explicitly define progressive entrustment and the development of autonomy. In addition, she is involved in national curricular reform efforts targeting critical transitions in surgical training to ensure readiness of entering and finishing surgical trainees. Dr. Minter holds national leadership positions in multiple societies in recognition of her work in the field of surgical education and academic surgery, and recently assumed the position of President of the Society of University Surgeons.

## JOEL J. ROSLYN LECTURE



### SUS JOEL J. ROSLYN LECTURER



#### **Funda Meric-Bernstam, MD**

Funda Meric-Bernstam, MD is Chair of the Department of Investigational Cancer Therapeutics — the Phase I Program at MD Anderson Cancer Center, the Medical Director of the Institute for Personalized Cancer Therapy (IPCT), Professor in the Divisions of Cancer Medicine and Surgery, and The Nellie B. Connally Chair in Breast Cancer at MD Anderson Cancer Center. Her research program spans basic, translational and clinical research focused on breast cancer biology and molecular therapeutics, predominantly on PI3K/Akt/mTOR signaling, to delineate the mechanism of action of each agent targeting this pathway and the molecular alterations useful to prospectively identify patients who will benefit most from each agent, and optimal combination therapies. She is committed to the training of physician-scientists and clinician-investigators, and serves as the PI of the T32 grant “Training Academic Surgical Oncologists.” As Medical Director of IPCT, she has not only led large efforts of genomic testing within the institution, but has a) helped build a framework for rapid assessment of actionability of genomic alterations; b) established a Precision Oncology Decision Support Team who can provide point of care input for actionability; c) launched the public website [www.personalizedcancertherapy.org](http://www.personalizedcancertherapy.org) providing access to expert curation of information on therapeutic relevance of specific genes/variants; d) created databases and clinical trial alert systems to facilitate accrual to genotype-selected trials across the institution; and e) monitors trial enrollment after genomic testing to identify approaches to obstacles to trial enrollment. She has participated in, as well as led, trials including investigator-initiated trials, cooperative group trials, and industry sponsored trials.

### JOEL J. ROSLYN BIOGRAPHY



Joel J. Roslyn, MD, Chairman of the Department of Surgery at the Allegheny College of Medicine in Philadelphia, died on July 4, 1999. Joel was born in Flushing, New York. He received his undergraduate degree from Union College, and received his M.D. from Albany Medical College.

He completed his Surgical Internship, Residency, and a Research Fellowship at the University of California/Los Angeles. He then joined the faculty at UCLA where he received national recognition for his research, teaching and clinical expertise. Joel was an established researcher in the field of gallstone pathogenesis, and a nationally and internationally respected expert in pancreatic and biliary disease. He had been funded continuously for his research by the Veterans Administration and the National Institutes of Health.

In 1992, Joel and his family moved to Philadelphia where he became Chairman of the Department of Surgery at the Medical College of Philadelphia, and after the merger with Hahnemann School of Medicine, he became the surgical leader of the new Allegheny University of the Health Sciences. During this short period in Philadelphia, Joel had built an outstanding faculty, attracting a number of excellent senior staff, and most importantly in his eyes, recruiting and nurturing the careers of several outstanding young surgeons.

Joel was a valued active member of the Society of University Surgeons. He and his research fellows had a long track record of presentations before the Society. He served as a Councillor-At-Large for three years and President of the Society for the year 1995. Joel was a friend to all of us in the Society and left us with his great faith in humanity.

For those who knew Joel, his memory will live on forever. However, in recognition of his leadership, his contribution and his friendship, the SUS has chosen to provide a lasting memory of Joel. Joel will be recognized at each SUS Meeting by the provision of an annual Invited Commentary, reserved for a superannuating member, named in honor of Joel.

### Joel J. Roslyn Commemorative Lecturers

|                                |                              |
|--------------------------------|------------------------------|
| 2000 Heidi Nelson, MD          | 2009 Colleen M. Brophy, MD   |
| 2001 Jonathan S. Bromberg, MD  | 2010 David H. Berger, MD     |
| 2002 Frank W. Sellke, MD       | 2011 Selwyn M. Vickers, MD   |
| 2003 Kevin J. Tracey, MD       | 2012 Karyn L. Butler, MD     |
| 2004 Michael T. Longaker, MD   | 2013 Peter Angelos, MD, PhD  |
| 2005 Monica M. Bertagnolli, MD | 2014 Richard D. Schulick, MD |
| 2006 K. Craig Kent, MD         | 2015 Barbara A. Gaines, MD   |
| 2007 Stuart J. Knechtle, MD    | 2016 Mary Hawn, MD           |
| 2008 Jeffrey A. Drebin, MD     |                              |

## BJS LECTURE & AAS Founders Panel

### BJS LECTURER



**Ewen M. Harrison, MB, ChB, PhD, FRCS**

Ewen Harrison is a Senior Lecturer in General Surgery at the University of Edinburgh and a Consultant Surgeon at the Royal Infirmary of Edinburgh. He is a Clinician-Scientist and has completed a laboratory-based PhD in drug development. His work has been funded by the Wellcome Trust, MRC and Academy of Medical Sciences. He is the surgical lead for the Surgical and Peri-operative Health Research Group, performing informatics-orientated research focused on improving patient outcomes after surgery. He has completed an MSc in Statistics. He jointly leads the GlobalSurg Collaborative (globalsurg.org), an international collaboration of 2,500 individuals in 350 centres across 64 countries studying outcomes in general surgery and quality improvement. He developed the data collection methods and leads the data analysis. The first study enrolled 11,000 patients and reports mortality and morbidity after emergency abdominal surgery. He is the Programme Director for the Masters in Surgery degree at the University of Edinburgh. This distance-learning qualification allows surgeons to train while continuing to work in their home country. A number of surgeons in low and middle income countries are benefiting from this programme.

**BJS**

### AAS FOUNDERS PANEL:

#### 50<sup>th</sup> Anniversary – Past-Presidents' Reflections on the First 5 Decades of the Association for Academic Surgery

In honor of the 50th meeting of the AAS, our historian, who is himself a past-president, will lead an interactive panel where 5 past-presidents provide an overview of the priorities of the society and advances of surgery as a discipline during the decade they served as president

### AAS FOUNDERS PANELISTS

**Hiram C. Polk, MD**  
**Michael J. Zinner, MD**  
**David I. Soybel, MD**  
**Herbert Chen, MD**  
**Lillian S. Kao, MD, MS**

### Past AAS Founders Lecturers

1991 Paul Vanhoutte, MD, PhD  
 1992 Isaiah J. Fidler, DVM, PhD  
 1993 Dani Bolognesi, PhD  
 1994 Howard Rasmussen, MD  
 1995 Francis Collins, MD  
 1996 M. Judah Folkman, MD  
 1997 James C. Thompson, MD  
 1998 Mary Claire King, MD  
 1999 Ferid Murad, MD, PhD  
 2000 Michael S. Brown, MD  
 2001 Thomas E. Starzl, MD, PhD  
 2002 John A. Mannick, MD  
 2003 W. James Nelson, PhD  
 2004 Michael E. DeBakey, MD  
 2006 Louis J. Ignarro, MD  
 2007 John Cameron, MD  
 2008 Richard Gibbs, PhD  
 2009 John E. Niederhuber, MD  
 2010 Lucian L. Leape, MD  
 2011 David H. Berger, MD  
 2012 Norman M. Rich, MD  
 2013 Thomas J. Fogarty, MD  
 2014 E. Patchen Dellinger, MD, FIDSA, FSHEA  
 2015 Carlos A Pellegrini, MD, FRCSI (Hon.)  
 2016 John Birkmeyer, MD



**CELEBRATING 50 Years OF MEETINGS**

**The Association for Academic Surgery (AAS) will celebrate its 50<sup>th</sup> Annual Meeting in 2017 and to honor this historic occasion, the Founders' Lecture will include a special panel consisting of AAS Past Presidents. Please join us in celebrating 50 years of academic collaboration and help us continue to further our mission of Inspiring and Developing Young Academic Surgeons!**

## SUS LIFETIME ACHIEVEMENT AWARD



**Ronald W. Busuttil, MD, MS, PhD**

Dr. Ronald W. Busuttil is currently Distinguished Professor and Executive Chairman of the UCLA Department of Surgery and serves as founding Chief of the Division of Liver and Pancreas Transplantation. His many awards and honors include

the American Surgical Association Medallion for Scientific Achievement, American Society of Transplant Surgeons Francis Moore Excellence in Mentorship in Transplantation Surgery Award, the Thomas E. Starzl Prize in Surgery and Immunology, The International Liver Transplantation Society Distinguished Service Award, honorary membership in the French National Academy of Surgery, the American Society of Transplant Surgeons Pioneer Award, and the David Geffen School of Medicine Mellinkoff Award. Dr. Busuttil serves on the editorial boards or as reviewer for many prestigious journals and is the co-editor of the definitive textbook, *Transplantation of the Liver*, now in its third edition. He has authored more than 750 peer-reviewed manuscripts, 85 book chapters, and 500 abstracts. He is a Past President of the International Liver Transplantation Society, a Past President of the American Society of Transplant Surgeons, Past First Vice President of the American Surgical Association, a past member of the council of The Transplantation Society, and has served on the Board of Directors of United Network for Organ Sharing.



Starting in 2005, the Society of University Surgeons initiated a Lifetime Achievement Award (LTAA).

This award was designed to recognize individuals who have had a sustained career in academic surgery with contributions to the surgical sciences. In addition, these individuals have demonstrated a commitment to the Society of University Surgeons whereby they have participated in the Society even after superannuating to Senior Membership status. Their participation in the Society is evidenced by their attendance at the meetings yearly and active participation in discussion of papers, attendance at banquets and society functions.

The Society of University Surgeons seeks to honor and recognize these individuals because of their embodiment of the principles of the Society. We seek to recognize these individuals to establish role models for younger generations of surgeons to honor and emulate their contributions to the science of surgery, and moreover to the Society of University Surgeons.

## SUS LIFETIME ACHIEVEMENT AWARD WINNERS

2016 Ronald W. Busuttil, MD, MS, PhD  
 2015 Ernest E. "Gene" Moore, MD  
 2014 Marshall J. Orloff, MD  
 2013 Hiram C. Polk, Jr., MD  
 2012 Alden Harken, MD  
 2011 Patricia K. Donahoe, MD  
 2010 Benjamin Eiseman, MD  
 2009 Richard L. Simmons, MD  
 2008 Clyde F. Barker, MD  
 2007 Frank G. Moody, MD  
 2006 Basil A. Pruitt, Jr., MD  
 2005 James C. Thompson, MD  
 2004 John A. Mannick, MD

## AAS INTERNATIONAL GUESTS

### Royal Australasian College of Surgeons Visiting Professor:



**Andrew MacCormick, MD – Senior Lecturer in Surgery, South Auckland Clinical School and Consultant Surgeon, Middlemore Hospital**

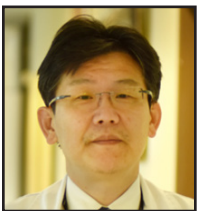
Andrew MacCormick trained in General Surgery in New Zealand, gaining his Fellowship in 2009. He undertook his

fellowship in Upper GI surgery at Auckland Hospital and in Sydney, Australia at the Royal North Shore Hospital. He returned to New Zealand at the beginning of 2011 to take up the role of Senior Lecturer in Surgery at the South Auckland Clinical School and Consultant Surgeon at Middlemore Hospital. He works as a Bariatric and Upper GI surgeon.

His academic teaching responsibilities are in the area of medical undergraduate teaching in the Year 3 to 6 programme and also supervision of students attached to South Auckland Clinical School based at Middlemore Hospital, Counties Manukau District Health Board.

He has previously undertaken a PhD in the prioritisation of patients for elective general surgery. Andrew's ongoing research interests are in clinical decision making including teaching decision making skills to undergraduates and postgraduates. Additionally he has research projects in the areas of ERAS, Health Services Research, Clinical Variation and his clinical interests which include both benign and malignant oesophageal and gastric diseases as well as bariatric surgery.

### Taiwan Surgical Association Visiting Professor:



**Ming-Te Huang, MD – Professor of Surgery of Taipei Medical University**

Dr. Ming Te Huang graduated in 1984 with MD degree from China Medical University in Taiwan. After 2 years obligated military service, he got the resident training program in the surgical department of

National Taiwan University Hospital from 1986 to 1991. In 2004, he moved to Taipei Medical University Hospital and became a director of general surgery division.

Dr. Huang served on the faculty of National Taiwan University, College of Medicine, School of Medicine as Assisted professor (2004), became an Associate Professor (2008) and Professor of Surgery (2012) of Taipei Medical University. In 2008, He transferred to Shuang Ho Hospital-Taipei Medical University to participate the new hospital establishment.

Dr. Huang has been the member of a council of a number of societies, including the Taiwan Surgical Association, Taiwan Association of Endoscopic Surgery and Taiwan Surgical Society of gastroenterology. Dr. Huang became the president of Taiwan Association of Endoscopic Surgery since 2014.

Clinically, Dr. Huang specialty and work area are in the fields of hepatobiliary surgery, pancreatic surgery, laparoscopic associated surgery and surgical oncology.

### Colombian Surgical Association Visiting Professor:



**Bernardo A. Borraez-Segura, MD – General Surgeon at the Universidad El Bosque, Bogotá-Colombia**

Bernardo A. Borraez-Segura, MD is a general surgeon at the Universidad El Bosque, Bogotá-Colombia. He trained in esophageal diseases at the Center for

Esophageal Diseases - The University of Chicago Medicine. Dr. Borraez-Segura was an advanced gastrointestinal surgery and digestive endoscopy fellow at the Instituto Nacional de Cancerología / Universidad Militar Nueva Granada. His other positions include Associate professor in general surgery – Universidad Nueva Granada, Senior Surgeon at Shaio Foundation Clinic, Bogotá Colombia, and Consultant of gastrointestinal surgery and digestive endoscopy at the Asociación Colombiana de Cirugía.

### Surgical Research Society of Australasia:



**Mohammad Amer, BMedSc (Hons), MBChB – Surgical Registrar at Dunedin Hospital, New Zealand**

Mohammad Amer is a Surgical Registrar at Dunedin Hospital, New Zealand, and General Surgical advanced trainee with the Royal Australasian College of Surgeons

(RACS). He is currently undertaking a PhD at the Dunedin School of Medicine, University of Otago, on advanced meta-analysis techniques and their use in surgical research synthesis. He obtained his MBChB from the University of Otago, and completed a thesis-based honours degree during medical school (BMedSc (Hons)). Dr Amer received the Young Investigator Award at the RACS Surgical Research Society meeting for 2015, and is the recipient of a RACS Foundation for Surgery New Zealand Scholarship, and the Dunedin School of Medicine Dunbar Scholarship.

### West African College of Surgeons International Visiting Professor:



**Elizabeth Onuwa Ogboli Nwasor, MBBS, DA, FWACS, MPH – Consultant Anaesthetist, Ahmadu Bello University Teaching Hospital, Zaria, Kaduna State, Nigeria**

Dr. Elizabeth Onuwa Ogboli Nwasor MBBS, DA, FWACS, MPH, graduated from the Ahmadu Bello University, Zaria, Nigeria, School of Medicine in 1990. She completed her Residency training and became a Fellow of the West African College of Surgeons (Faculty of Anaesthesia) and a Specialist in Anaesthesia in 2002. She received her Masters in Public Health at the Ahmadu Bello University School of Medicine in 2010. During her Fellowship in Obstetric Anaesthesia and Pain Management at Wolfson Medical Center in Holon, Israel, in 2010, she became interested in interventional pain management and later, translational pain research.

## AAS INTERNATIONAL GUESTS

She is a member of the Education Committee of the World Federation of Societies of Anesthesiologists, and a member of the Faculty Board of Anaesthesia of the West African College of Surgeons as well as the Mace Bearer of the College. She is also the Secretary, Nigerian Society of Anaesthetists and Member, Critical Care Society of Nigeria. Dr Ogboli- Nwasor has published 5 medical books, 2 book chapters and over

30 articles in the international and national peer-reviewed medical journals. She has presented over fifty-five (55) papers at International and national conferences, seminars and workshops as well as in official conference proceedings. Her main scientific interests at the moment are in the fields of obstetric anaesthesia, pain management and palliative care, anaesthesia education, patient safety and critical care.



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## SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS

### European Society for Surgical Research (ESSR):



**ESSR Treasurer**  
**Attila Szijarto, MD, PhD – Senior Assistant Professor, Semmelweis University**

Attila Szijarto, MD, PhD Med Habil is an Associate Professor of the 1st Department of Surgery, Semmelweis University (Hungary) with clinical and laboratory experiences which pursue translational/clinically oriented research in the field of liver surgery, living donor transplantation, and liver regeneration. He is a physician-scientist with solid expertise in performing surgeries on humans as well as small and large animal models. He also possesses excellent fine motor skills for the microsurgery of vasculature and liver segments in addition to performing ischemia reperfusion injury in the liver. Professor Szijarto comprehensively understands ischemic and chemical conditioning procedures, microcirculation under acute conditions, monitoring of liver function, and liver malignancies. He has extensive experience with oral presentation of data at national and international clinical and research conferences, grant-writing, and publishing manuscripts in high impact journals (multiple first and co-authorships).

#### Brendel Prize Winner:



**Pim Olthof, MD, PhD Candidate – Department of Surgery, Surgical Laboratory, Academic Medical Center, University of Amsterdam**

Pim Olthof, MD is a PhD student at the department of Surgery, Academic Medical Center, University of Amsterdam in the Netherlands. February 2017 he will defend his thesis entitled "Obeticholic acid accelerates liver regeneration following portal vein embolization in a rabbit model."

### Surgical Research Society of Australasia (SRS of Australasia):



**Mark Smithers, MBBS, FRACS – (Acting) Head, Academic Discipline of Surgery, University of Queensland, Australia**

Professor Mark Smithers graduated from the University of Queensland in 1977. He trained in General Surgery at the Princess Alexandra Hospital and in Nottingham, UK. He is the Mayne Professor and Head of the Discipline of Surgery, School of Medicine, University of Queensland; Director of the Upper Gastro-intestinal and Soft Tissue Unit, Princess Alexandra Hospital and Chairman of the Queensland Melanoma Project. He is on the executive of the Section of Academic Surgery, Royal Australasian College of Surgeons and Immediate Past President of the Australian and New Zealand Gastric and Oesophageal Surgeons Association (ANZGOSA) and serves on the Queensland Cancer Control Safety and Quality Partnership as a committee member and chair of the esophago-gastric cancer collaborative.

Professor Smithers is involved clinically with malignant and benign conditions of the esophago-gastric region and the management of patients with cutaneous melanoma and retroperitoneal sarcoma. He has been a principle and chief investigator on single and multi-centred, phase I, II and III trials and prospective studies assessing the epidemiology and management of esophago-gastric cancer (NIH, USA; NH&MRC and Cancer Australia) and aspects of the management of melanoma from Stage I - IV (NH&MRC; Cancer Council of Queensland and Pharma studies). He is presently the Surgical lead on a large international trial (TOP GEAR trial – Europe, Canada, Australia and New Zealand) assessing the role of preoperative radiotherapy for resectable gastric cancer. He is the author on more than 130 peer-reviewed publications and six book chapters as well as being on the editorial board of the World Journal of Surgery and the British Journal of Surgery. In the last 10 years, he has been invited to give more than 90 presentations at national and international meetings.

## Surgical Research Society of Southern Africa (SRS of SA):



**SRS of SA Past President  
Ines Buccimazza, MD – Head of Breast and Endocrine Unit, Senior Specialist in the Department of Surgery, Nelson R. Mandela School of Medicine, University of KwaZulu-Natal, Durban, South Africa**

Dr. Ines Buccimazza is head of the Breast and Endocrine Unit, and a Senior Specialist in the Department of Surgery at the Nelson R. Mandela School of Medicine of the University of KwaZulu-Natal in Durban, South Africa.

She is a Past-President of the Surgical Research Society of South Africa, an executive member of the examination board of the College of Surgeons of South Africa, the Chairperson of the Durban Breast Cancer Forum, vice-Chairperson of the Association of Surgeons of South Africa, and the current Treasurer of Breast Surgery International.

When not teaching post-graduate students and not dealing with healthcare matters, she is an Epicurean and conservation activist.

### Sceales-Antrobus Prize Winner:



**Donnee Ness, MSc, PhD Candidate – Department of Physiotherapy, University of KwaZulu-Natal**

Donnee Ness is a registered Physical Therapist, having gained her BSc Hons in 1990 at Wits University, RSA. She subsequently read her MSc at University

College London in 1997 and, on returning to South Africa in 2002, she furthered her passion for Oncology by obtaining her certification in Lymphoedema management through ACOLS in Florida, USA.

She runs a busy private practice focusing on Oncology, her research is carried out in the Provincial (Government) health sector and she has recently submitted her PhD thesis, title “Clavipectoral Fascia Release and its impact on Lymphoedema in Breast Cancer women of kwaZulu Natal” for external examination. Her abstract, submitted for this conference, was part of the first phase of her PhD study. She remains passionate about advocating for better care for all oncology patients in a mixed resource setting.

## Society of Academic and Research Surgery (SARS):



**SARS Honorary Secretary  
Dileep Lobo, MB BS, DM – University of Nottingham**

Dileep N Lobo, MB BS, MS, DM, FRCS, FACS, FRCPE is Professor of Gastrointestinal Surgery and Consultant Hepatopancreaticobiliary Surgeon at Queen’s Medical

Centre, Nottingham, UK. He qualified from Bangalore University, India and has trained in Chandigarh, Nottingham and Leicester. He was awarded a DM degree with distinction by the University of Nottingham for his work on fluid and electrolytes and is a recipient of the Sir David Cuthbertson Medal for his contributions to the field of Nutrition and Metabolism. He has been awarded the prestigious James IV Society of Surgeons Traveller’s Award and the Moynihan Fellowship. His clinical interests focus surgery of the pancreas and biliary tree and laparoscopic surgery. His research interests include surgical nutrition and metabolism, fluid and electrolyte balance and pancreatic cancer. Dileep is the Surgical Lead for the Nottingham Digestive Diseases Centre NIHR Biomedical Research Unit. He is currently Associate Editor of Clinical Nutrition. He is a member of the editorial board of four peer-reviewed journals and has been Clinical Editor of Surgery (Oxford) and Associate Editor of the European Journal of Clinical Nutrition. He was awarded the Fellowship of the American College of Surgeons in 2010 and was elected to the Fellowship of the Royal College of Physicians of Edinburgh in 2013. He is Chair of the Scientific Committee of the ERAS Society, Honorary Secretary of the Society of Academic and Research Surgery and is President of the International Association for Surgical Metabolism and Nutrition. He has recently been awarded the prestigious Hunterian Professorship by the Royal College of Surgeons of England.

### Patey Prize Winner:



**Michelle Griffin, MSc, PhD – Research Fellow, UCL Centre for Nanotechnology & Regenerative Medicine**

After graduating medical school from Manchester University, Dr. Griffin started surgical rotations in London. Having

secured a Royal College of Surgeons of England Fellowship, Dr. Griffin commenced a PhD at the University College London (UCL). With further fellowships from the Medical Research Council (MRC) and Action Medical Research (AMR), she developed a nanocomposite polymer for facial reconstruction under the supervision of Professor Peter Butler and Professor Alexander Seifalian. She is currently an academic plastic surgical registrar at Royal Free Hospital and UCL under Professor Butler.

## SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS

### Japan Surgical Society (JSS):

**JSS Chairman of the International Society:**

**Takao Ohki, MD, PhD –**

**Professor and Chief of the**

**Department of Vascular Surgery**

**Jikei University School of Medicine**

Takao Ohki, MD, PhD is the Chairman of Department of Surgery, Professor and Chief of the Division of Vascular Surgery at Jikei University School of Medicine in Tokyo Japan. He is also the Professor of Surgery at the Albert Einstein College of Medicine in New York.

### JSS Abstract Winner:



**Takashi Motomura, MD, PhD –  
Department of Surgery and Science,  
Graduate School of Medical Sciences,  
Kyushu University**

The JSS Highest Scoring Abstract Winner is Professor Takashi Motomura, MD, PhD. He is an Associate Professor in

the Department of Surgery and Science, Graduate School of Medical Sciences, at Kyushu University. He received his medical degree from Kyushu University, did his residency at General Saga Prefectural Hospital under Director Hiroshi Kono, MD, PhD, as well as Kyushu University Hospital, under Director Chiharu Kubo, MD, PhD. Professor Motomura earned his PhD in the Department of Surgery and Science, Graduate School of Medical Sciences, under Chairman, Prof. Yoshihiko Maehara, MD, PhD.

Professor Motomura was a Postdoctoral Research Fellow in 2012 in the Department of Molecular Virology, Research Institute for Microbial Diseases, Osaka University under Chairman, Yoshiharu Matsuuta, DVM, PhD. He was then an Attending Surgeon, in the Department of Surgery, Matsuyama Red Cross Hospital under Director Eisuke Yokota, MD, PhD, and Chairman, Takashi Nishizaki, MD, PhD.

His honors and awards include the 2010 Excellent Lecture Award from the Japanese Study Group of Liver Transplantation, the Japanese Society of Gastroenterological Surgery, and the Japan Society of Gastroenterology. In 2011, he received the 2011 Research Award for the Study Group of Treatment for Viral Hepatitis and Liver Diseases. Professor Motomura was awarded both the 2014 and 2015 Excellent Lecture Award from the Ehime Prefectural Study Group of Hepato-Biliary-Pancreatic Surgery. He has been published over 30 times to date.

## PROGRAM CHAIRS



### AAS RECORDER



**Adil Haider, MD, MPH**

Adil Haider MD, MPH, FACS is the Kessler Director, Center for Surgery and Public Health at Brigham and Women's Hospital, Harvard Medical School and Harvard School of Public Health. He is also an Attending Trauma and Acute Care Surgeon at the Brigham and Women's Hospital. As an internationally acclaimed trauma outcomes scientist, Haider is one of the first investigators to demonstrate significant race and insurance based disparities in survival after traumatic injury in the United States. This finding came as a surprise to many as Trauma was previously thought to be immune to disparities, given the widespread access to emergency services. In order to establish the veracity of this work, he and his group pioneered several innovative methods for data analytics that have enhanced our understanding of patient outcomes after severe injury. His current research focuses on determining the underlying mechanisms that lead to inequities in outcomes and in developing effective solutions to mitigate disparities across health care at a national and global level. He is also Principal Investigator of the EQUALITY trial aimed at developing a patient centered method to enquire about an individual patient's sexual orientation or gender identity in the emergency department setting. Dr Haider's work has received national attention in the news media and he has more than 130 peer reviewed scientific publications. He has received numerous awards for his research work including the prestigious Jacobson award from the American College of Surgeons and he is the recipient of competitive extramural research funding from the National Institutes of Health / National Institute of General Medical Sciences, the American College of Surgeons, and the Patient Centered Outcomes Research Institute.

### SUS PUBLICATIONS CHAIR



**Rebekah R. White, MD**

Dr. Rebekah White received her medical education and general surgery training from Duke University. While a resident, she spent 3 years in a nucleic acid therapeutics lab working on a class of molecules known as 'aptamers'. After finishing her residency, Dr. White completed a surgical oncology fellowship at Memorial Sloan-Kettering Cancer Center then returned in 2007 to Duke for nine years before moving to University of California San Diego in 2016. Dr. White runs a lab focused on novel therapeutic and diagnostic approaches for pancreatic cancer, which is also her main clinical focus.

## FUTURE MEETING – SAVE THE DATE!

### 13<sup>TH</sup> ANNUAL ACADEMIC SURGICAL CONGRESS

**Date: January 30 - February 1, 2018**

**Location: Hyatt Regency Jacksonville**

**City: Jacksonville, Florida**



## SCHEDULE-AT-A-GLANCE

### MONDAY, FEBRUARY 6, 2017

| Time               | Event                                  | Location         |
|--------------------|----------------------------------------|------------------|
| 1:00 PM - 3:00 PM  | AAS Executive Committee Lunch          | Chopin 2         |
| 1:00 PM - 2:30 PM  | SUS Foundation Board Meeting           | Chopin 1         |
| 2:00 PM - 6:00 PM  | Speaker Prep Open                      | Mozart           |
| 2:00 PM - 6:00 PM  | Registration Open                      | Encore Promenade |
| 3:00 PM - 6:00 PM  | SUS Executive Council Meeting          | Brahms 4         |
| 3:30 PM - 6:30 PM  | AAS Executive Council Meeting          | Beethoven 1      |
| 6:30 PM - 7:30 PM  | AAS Nominating Committee Meeting       | Chopin 2         |
| 7:00 PM - 10:00 PM | Joint Council Dinner (Invitation Only) | Capital Grille   |

### TUESDAY, FEBRUARY 7, 2017

| Time                | Event                                                                                                                                                                                                                            | Location                                               |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 5:30 AM - 6:30 PM   | Speaker Prep Open                                                                                                                                                                                                                | Mozart                                                 |
| 6:30 AM - 6:30 PM   | Registration Open                                                                                                                                                                                                                | Encore Promenade                                       |
| 6:30 AM - 7:30 AM   | Continental Breakfast                                                                                                                                                                                                            | Encore Promenade                                       |
| 6:30 AM - 7:30 AM   | SUS Global Academic Surgery Committee Meeting                                                                                                                                                                                    | Bach                                                   |
| 6:30 AM - 7:30 AM   | AAS New Member Breakfast (Invitation Only)                                                                                                                                                                                       | Chopin Patio                                           |
| 7:00 AM - 10:00 AM  | AAS Grant Interviews                                                                                                                                                                                                             | Ravel & Puccini                                        |
| 7:30 AM - 9:30 AM   | Integrated Quick Shot Presentation Sessions I                                                                                                                                                                                    |                                                        |
|                     | 1. Basic Science: Cardiothoracic, Vascular, Transplantation                                                                                                                                                                      | Beethoven 1                                            |
|                     | 2. Basic Science: Oncology - Cellular and Molecular Biology                                                                                                                                                                      | Beethoven 2                                            |
|                     | 3. Basic Science: Trauma/Critical Care                                                                                                                                                                                           | Brahms 1                                               |
|                     | 4. Basic Science: Immunology                                                                                                                                                                                                     | Brahms 2                                               |
|                     | 5. Clinical/Outcomes: Global Surgery                                                                                                                                                                                             | Brahms 3                                               |
|                     | 6. Clinical/Outcomes: Oncology - Patient Centered Outcomes 1                                                                                                                                                                     | Brahms 4                                               |
|                     | 7. Clinical/Outcomes: Oncology 1                                                                                                                                                                                                 | Chopin 1                                               |
|                     | 8. Clinical/Outcomes: Pediatrics - Patient Centered Outcomes 1                                                                                                                                                                   | Chopin 2                                               |
|                     | 9. Clinical/Outcomes: Pediatrics 1                                                                                                                                                                                               | Chopin 3                                               |
|                     | 10. Clinical/Outcomes: Trauma/Critical Care - Quality of Care                                                                                                                                                                    | Chopin 4                                               |
|                     | 11. Clinical/Outcomes: Trauma/Critical Care - Patient Centered Outcomes1                                                                                                                                                         | Debussy 1                                              |
|                     | 12. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 1                                                                                                                                                             | Debussy 2                                              |
|                     | 13. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 2                                                                                                                                                             | Encore Ballroom 1                                      |
|                     | 14. Clinical/Outcomes: General Surgery, Cross-Disciplinary                                                                                                                                                                       | Encore Ballroom 3                                      |
|                     | 15. Clinical/Outcomes: Cost-Effectiveness                                                                                                                                                                                        | Handel                                                 |
|                     | 16. Clinical/Outcomes: Cross Disciplinary                                                                                                                                                                                        | Schubert                                               |
|                     | 17. Clinical/Outcomes: Patient Centered Outcomes                                                                                                                                                                                 | Strauss                                                |
|                     | 18. Education: Resident Education 1                                                                                                                                                                                              | Vivaldi                                                |
| 9:30 AM - 4:00 PM   | Exhibit Hall Open                                                                                                                                                                                                                | Encore Ballroom 2                                      |
| 9:30 AM - 10:00 AM  | Morning Break in Exhibit Area                                                                                                                                                                                                    | Encore Ballroom 2                                      |
| 10:00 AM - 10:15 AM | Opening Comments                                                                                                                                                                                                                 | Encore Ballroom 4-8                                    |
| 10:15 AM - 10:45 AM | SUS Lifetime Achievement Award                                                                                                                                                                                                   | Encore Ballroom 4-8                                    |
| 10:45 AM - 11:30 AM | SUS Presidential Address: "Passion, Integrity, Resilience – Core Values to Carry Us Forward"                                                                                                                                     | Encore Ballroom 4-8                                    |
| 11:30 AM - 1:00 PM  | Conference Lunch<br>OR<br>HOT TOPICS SESSION 1: "Global Surgery: Just a Hobby or a Viable Academic Career Path?"<br>OR<br>ISSUES COMMITTEE SESSION: "Finding Professional Balance in an Era of Scarce Resources: Can It Be Done" | Chopin Patio<br>Beethoven 1 - 2<br>Encore Ballroom 4-8 |
| 12:00 PM - 1:00 PM  | SUS Nominating Committee Meeting                                                                                                                                                                                                 | Ravel                                                  |
| 1:00 PM - 2:30 PM   | AAS Foundation Board Meeting                                                                                                                                                                                                     | Bach                                                   |
| 1:00 PM - 2:30 PM   | SUS Presidential Session: "The Servant Leader"                                                                                                                                                                                   | Encore Ballroom 4 - 8                                  |
| 2:30 PM - 3:00 PM   | SUS Joel J. Roslyn Lecture: "Precision Medicine: Hype or Hope?"                                                                                                                                                                  | Encore Ballroom 4 - 8                                  |
| 3:00 PM - 3:30 PM   | BJS Lecture: "Crowdsourcing Surgical Data"                                                                                                                                                                                       | Encore Ballroom 4 - 8                                  |
| 3:30 PM - 4:00 PM   | Afternoon Break in Exhibit Area                                                                                                                                                                                                  | Encore Ballroom 2                                      |
| 4:00 PM - 5:30 PM   | Basic Science Plenary<br>OR<br>ETHICS COMMITTEE SESSION: "Advocating for Patients Who Are Socioeconomically Disadvantaged; What is the Surgeon's Duty?"                                                                          | Encore Ballroom 4 - 8<br>Beethoven 1 - 2               |
| 5:30 PM - 6:30 PM   | SUS Business Meeting                                                                                                                                                                                                             | Encore Ballroom 3                                      |
| 5:30 PM - 6:30 PM   | AAS Medical Student Quick Shot Session                                                                                                                                                                                           | Brahms 2                                               |
| 5:30 PM - 6:30 PM   | AAS Resident/Fellow Student Quick Shot Session                                                                                                                                                                                   | Brahms 3                                               |
| 6:30 PM - 7:30 PM   | SUS Member Reception                                                                                                                                                                                                             | Encore Ballroom 1                                      |
| 6:30 PM - 7:30 PM   | Welcome Reception with Exhibitors                                                                                                                                                                                                | Encore Ballroom 2                                      |

# SCHEDULE-AT-A-GLANCE (continued)

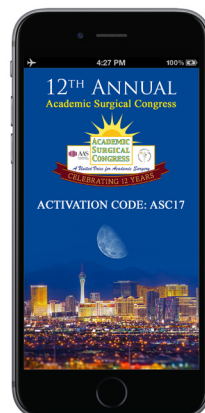


| WEDNESDAY, FEBRUARY 8, 2017 |                                                                                                                                |                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Time                        | Event                                                                                                                          | Location             |
| 5:30 AM - 6:30 PM           | Speaker Prep Open                                                                                                              | Mozart               |
| 6:30 AM - 6:30 PM           | Registration Open                                                                                                              | Encore Promenade     |
| 6:30 AM - 7:30 AM           | Continental Breakfast                                                                                                          | Encore Promenade     |
| 6:30 AM - 7:30 AM           | AAS/Student Mentor Breakfast (Invitation Only)                                                                                 | Brahms Patio         |
| 6:30 AM - 7:30 AM           | SUS New Member Breakfast (Invitation Only)                                                                                     | Chopin Patio         |
| 7:30 AM - 9:30 AM           | Integrated Oral Presentation Sessions I                                                                                        |                      |
|                             | 22. Basic Science: Cardiothoracic                                                                                              | Beethoven 1          |
|                             | 23. Basic Science: Trauma/Critical Care                                                                                        | Beethoven 2          |
|                             | 24. Basic Science: Oncology 1                                                                                                  | Brahms 1             |
|                             | 25. Basic Science: Oncology - Cellular and Molecular Biology                                                                   | Brahms 2             |
|                             | 26. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 1                                                           | Brahms 3             |
|                             | 27. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 2                                                           | Brahms 4             |
|                             | 28. Clinical/Outcomes: Global Surgery                                                                                          | Chopin 1             |
|                             | 29. Clinical/Outcomes: Oncology - Patient Centered Outcomes 1                                                                  | Chopin 2             |
|                             | 30. Clinical/Outcomes: Oncology 1                                                                                              | Chopin 3             |
|                             | 31. Clinical/Outcomes: Transplantation                                                                                         | Chopin 4             |
|                             | 32. Clinical/Outcomes: Trauma/Critical Care 1                                                                                  | Debussy 1            |
|                             | 33. Clinical/Outcomes: Trauma/Critical Care 2                                                                                  | Debussy 2            |
|                             | 34. Clinical/Outcomes: Trauma/Critical Care - Patient Centered Outcomes                                                        | Encore Ballroom 1    |
|                             | 35. Clinical/Outcomes: Cost-Effectiveness                                                                                      | Encore Ballroom 3    |
|                             | 36. Clinical/Outcomes: Geriatric Surgery                                                                                       | Handel               |
|                             | 37. Education: Resident Education                                                                                              | Schubert             |
|                             | 38. Education I - Simulation                                                                                                   | Strauss              |
|                             | 39. Outcomes/Clinical: Vascular/General Surgery                                                                                | Vivaldi              |
| 9:30 AM - 4:30 PM           | Exhibit Hall Open                                                                                                              | Encore Ballroom 2    |
| 9:30 AM - 10:00 AM          | Morning Break in Exhibit Area                                                                                                  | Encore Ballroom 2    |
| 9:45 AM - 11:00 AM          | AAS Founders Panel: 50th Anniversary - Past-Presidents' Reflections on First 5 Decades of the Association for Academic Surgery | Encore Ballroom 4-8  |
| 11:00 AM - 11:45 AM         | AAS Presidential Address: "Sticky Floors and Glass Ceilings"                                                                   | Encore Ballroom 4-8  |
|                             | General Conference Lunch                                                                                                       | Chopin Patio         |
| 11:45 AM - 1:15 PM          | OR                                                                                                                             |                      |
|                             | HOT TOPIC SESSION 2: "Industry-Academic Innovation Partnerships: Where is the Pendulum"                                        | Beethoven 1 - 2      |
|                             | OR                                                                                                                             |                      |
|                             | SBAS/AWS LUNCHEON: "The Art of War - How to Succeed in Academic Surgery"                                                       | Encore Ballroom 4-8  |
| 1:15 PM - 2:30 PM           | AAS Presidential Session: "I'm with Her - Mobilizing the Surgical Community to Alleviate the Gender Gap in Surgery"            | Encore Ballroom 4 -8 |
| 2:00 PM - 3:10 PM           | SUS Grant Award Session (Invite Only)                                                                                          | Ravel                |
| 2:30 PM - 4:30 PM           | Integrated Quick Shot Presentation Sessions II                                                                                 |                      |
|                             | 40. Basic Science: Oncology 1                                                                                                  | Beethoven 1          |
|                             | 41. Basic Science: Plastics                                                                                                    | Beethoven 2          |
|                             | 42. Basic Science: Developmental Biology/Tissue Engineering, Experimental Therapeutics                                         | Brahms 1             |
|                             | 43. Clinical/Outcomes: Cardiothoracic 1                                                                                        | Brahms 2             |
|                             | 44. Clinical/Outcomes: Oncology - Patient Centered Outcomes 2                                                                  | Brahms 3             |
|                             | 45. Clinical/Outcomes: Oncology 2                                                                                              | Brahms 4             |
|                             | 46. Clinical/Outcomes: Pediatrics - Patient Centered Outcomes 2                                                                | Chopin 1             |
|                             | 47. Clinical/Outcomes: Pediatrics 2                                                                                            | Chopin 2             |
|                             | 48. Clinical/Outcomes: Transplantation - Patient Centered Outcomes                                                             | Chopin 3             |
|                             | 49. Clinical/Outcomes: Trauma/Critical Care - Patient Centered Outcomes 2                                                      | Chopin 4             |
|                             | 50. Clinical/Outcomes: Trauma/Critical Care - Patient Centered Outcomes3                                                       | Debussy 1            |
|                             | 51. Clinical/Outcomes: General Surgery - Disparities and Access to Care                                                        | Debussy 2            |
|                             | 52. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 3                                                           | Encore Ballroom 1    |
|                             | 53. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 4                                                           | Encore Ballroom 3    |
|                             | 54. Clinical/Outcomes: Health Policy                                                                                           | Handel               |
|                             | 55. Clinical/Outcomes: Quality of Care                                                                                         | Schubert             |
|                             | 56. Education: Resident Education 2                                                                                            | Strauss              |
|                             | 57. Education 1                                                                                                                | Vivaldi              |
| 3:30 PM - 4:00 PM           | Afternoon Break in Exhibit Area                                                                                                | Encore Ballroom 2    |
| 4:30 PM - 5:30 PM           | SUS New Member Poster Session                                                                                                  | Encore Ballroom 2    |
| 4:30 PM - 5:30 PM           | AAS Resident/Student Meet the Leadership Reception                                                                             | Chopin Patio         |
| 5:30 PM - 7:00 PM           | AAS Business Meeting                                                                                                           | Beethoven 1          |
| 7:00 PM - 12:00 AM          | ASC Celebration Event                                                                                                          | Encore Ballroom 4 -8 |
| THURSDAY, FEBRUARY 9, 2017  |                                                                                                                                |                      |
| Time                        | Event                                                                                                                          | Location             |
| 5:30 AM - 3:00 PM           | Speaker Prep Open                                                                                                              | Mozart               |
| 7:00 AM - 3:00 PM           | Registration Open                                                                                                              | Encore Promenade     |
| 6:30 AM - 7:30 AM           | Continental Breakfast                                                                                                          | Encore Promenade     |
| 7:00 AM - 9:00 AM           | SPONSORED BREAKFAST: "Tips to Get Your Manuscript Accepted"                                                                    | Encore Ballroom 4 -8 |

## SCHEDULE-AT-A-GLANCE (continued)

### THURSDAY, FEBRUARY 9, 2017 (continued)

|                     |                                                                                                                                                  |                     |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 7:30 AM - 9:30 AM   | <b>Integrated Oral Presentation Sessions II</b>                                                                                                  |                     |
|                     | 58. Basic Science: Vascular                                                                                                                      | Beethoven 1         |
|                     | 59. Basic Science: Immunology                                                                                                                    | Beethoven 2         |
|                     | 60. Basic Science: Oncology 2                                                                                                                    | Brahms 1            |
|                     | 61. Basic Science: Pediatrics/Developmental Biology/Tissue Engineering                                                                           | Brahms 2            |
|                     | 62. Basic Science: Pediatrics                                                                                                                    | Brahms 3            |
|                     | 63. Basic Science: Cellular And Molecular Biology, Experimental Therapeutics                                                                     | Brahms 4            |
|                     | 64. Clinical/Outcomes: Cardiothoracic                                                                                                            | Chopin 1            |
|                     | 65. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 3                                                                             | Chopin 2            |
|                     | 66. Clinical/Outcomes: General Surgery - Quality of Care                                                                                         | Chopin 3            |
|                     | 67. Clinical/Outcomes: Oncology - Patient Centered Outcomes 2                                                                                    | Chopin 4            |
|                     | 68. Clinical/Outcomes: Oncology 2                                                                                                                | Debussy 1           |
|                     | 69. Clinical/Outcomes: Trauma/Critical Care 3                                                                                                    | Debussy 2           |
|                     | 70. Clinical/Outcomes: Trauma/Critical Care - Quality of Care                                                                                    | Encore Ballroom 1   |
|                     | 71. Basic Science - Trauma And Vascular                                                                                                          | Encore Ballroom 3   |
|                     | 72. Clinical/Outcomes: Disparities and Access to Care                                                                                            | Handel              |
|                     | 73. Clinical/Outcomes: Patient Centered Outcomes                                                                                                 | Schubert            |
|                     | 74. Clinical/Outcomes: Cross Disciplinary                                                                                                        | Strauss             |
|                     | 75. Education II                                                                                                                                 | Vivaldi             |
| 9:00 AM - 1:30 PM   | <b>Exhibit Hall Open</b>                                                                                                                         | Encore Ballroom 2   |
| 9:00 AM - 9:30 AM   | <b>Morning Break in Exhibit Area</b>                                                                                                             | Encore Ballroom 2   |
| 9:30 AM - 10:30 AM  | <b>AAS and SUS Research Awards OR</b>                                                                                                            | Encore Ballroom 4-8 |
|                     | <b>Education Plenary</b>                                                                                                                         | Beethoven 1         |
| 10:30 AM - 12:00 PM | <b>Outcomes Plenary OR</b>                                                                                                                       | Encore Ballroom 4-8 |
|                     | <b>EDUCATION COMMITTEE SESSION: "The Importance of Non-Technical Skills for Safe Surgical Care"</b>                                              | Beethoven 1         |
| 12:00 PM - 1:30 PM  | <b>General Conference Lunch OR</b>                                                                                                               | Chopin Patio        |
|                     | <b>HOT TOPIC SESSION 3: "Surgeon Workplace Injury: The Unspoken Experience" OR</b>                                                               | Beethoven 1 & 2     |
|                     | <b>SENIOR MEMBER TASK FORCE SESSION: "Overcoming Adversity - A Critical Step Towards Career Satisfaction and Leadership in Academic Surgery"</b> | Encore Ballroom 4-8 |
| 1:30 PM - 3:00 PM   | <b>Integrated Quick Shot Presentation Sessions III</b>                                                                                           |                     |
|                     | 78. Basic Science: Oncology 2                                                                                                                    | Beethoven 1         |
|                     | 79. Basic Science: Pediatrics And Wound Healing                                                                                                  | Beethoven 2         |
|                     | 80. Basic Science                                                                                                                                | Brahms 1            |
|                     | 81. Clinical/Outcomes: Cardiothoracic 2                                                                                                          | Brahms 2            |
|                     | 82. Clinical/Outcomes: Oncology - Patient Centered Outcomes 3                                                                                    | Brahms 3            |
|                     | 83. Clinical/Outcomes: Pediatrics/Endocrine                                                                                                      | Brahms 4            |
|                     | 84. Clinical/Outcomes: Plastics                                                                                                                  | Chopin 1            |
|                     | 85. Clinical/Outcomes: Trauma/Critical Care - Patient Centered Outcomes 4                                                                        | Chopin 2            |
|                     | 86. Clinical/Outcomes: Trauma/Critical Care                                                                                                      | Chopin 3            |
|                     | 87. Trauma/Critical Care/Vascular/Global Surgery                                                                                                 | Chopin 4            |
|                     | 88. Clinical/Outcomes: Vascular                                                                                                                  | Debussy 1           |
|                     | 89. Clinical/Outcomes: General Surgery - Patient Centered Outcomes 5                                                                             | Debussy 2           |
|                     | 90. Clinical/Outcomes: General Surgery - Quality of Care                                                                                         | Encore Ballroom 1   |
|                     | 91. Clinical/Outcomes: Disparities and Access to Care                                                                                            | Encore Ballroom 3   |
|                     | 92. Clinical/Outcomes: Health Informatics/Patient Centered Outcomes                                                                              | Handel              |
|                     | 93. Clinical/Outcomes: Patient Safety                                                                                                            | Schubert            |
|                     | 94. Education: Simulation Training                                                                                                               | Strauss             |
|                     | 95. Education 2                                                                                                                                  | Encore Ballroom 4-8 |



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# AAS/SUS SURGICAL INVESTIGATORS' COURSE: THE GRANT WRITING WORKSHOP SCHEDULE-AT-A-GLANCE

February 5-6, 2017 | Las Vegas, Nevada



## Sunday, February 5, 2017

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1:00 pm – 1:15 pm | <b>Introduction</b><br>Justin B. Dimick, MD, MPH & Sharon M. Weber, MD                                                                                                                                                                                                                                                                                                                                                                                                                            | <i>Brahms 1-2</i> |
| 1:15 pm – 2:00 pm | <b>How Do Funding Agencies Work</b><br>MODERATOR: Sharon M. Weber, MD<br><br>1:15 pm NIH Organization, Institutes, Funding, CSR, Award Types – <i>Scott Lemaire, MD</i><br>1:25 pm Other Federal Funding Agencies – <i>Hasan Alam, MD</i><br>1:40 pm Non-Federal Funding Agencies – <i>Elliott Haut, MD</i><br>1:55 pm Discussion                                                                                                                                                                 | <i>Brahms 1-2</i> |
| 2:00 pm – 2:15 pm | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |
| 2:15 pm – 3:45 pm | <b>Career Development Awards – Basic/Translational Research (PARALLEL)</b><br>MODERATOR: Brian Zuckerbraun, MD<br><br>2:15 pm General Format of an NIH K08 Application – <i>Brian Zuckerbraun, MD</i><br>2:25 pm Developing the Candidate Statement & Training Plan – <i>Rebekah White, MD</i><br>2:45 pm The Mentor Statement – <i>Benjamin Levi, MD</i><br>3:05 pm The Do's and Don'ts of Writing an NIH K08 Application – <i>Darren Carpizo, MD, PhD</i><br>3:25 pm Discussion                 | <i>Brahms 3</i>   |
| 2:15 pm – 3:45 pm | <b>Career Development Awards – Outcomes/Health Services Research (PARALLEL)</b><br>MODERATOR: Lillian Kao, MD, MS<br><br>2:15 pm General Format of an NIH K Award Application – <i>Amir Ghaferi, MD, MS</i><br>2:25 pm Developing the Candidate Statement & Career Development Plan – <i>Lillian Kao, MD, MS</i><br>2:45 pm Mentor/Environment – <i>Adil Haider, MD, MPH</i><br>3:05 pm The Do's and Don'ts of Writing an NIH K Award Application – <i>George Chang, MD</i><br>3:25 pm Discussion | <i>Brahms 1-2</i> |
| 3:45 pm – 4:00 pm | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |
| 4:00 pm – 4:25 pm | <b>Strategies for Success in Grant Writing: What I Wish I Knew Earlier</b><br>Dorry L. Segev, MD, PhD                                                                                                                                                                                                                                                                                                                                                                                             | <i>Brahms 1-2</i> |
| 4:25 pm – 4:30 pm | <b>Discussion and Concluding Remarks</b><br>Justin B. Dimick, MD, MPH & Sharon M. Weber, MD                                                                                                                                                                                                                                                                                                                                                                                                       | <i>Brahms 1-2</i> |
| 4:30 pm – 6:00 pm | <b>Grantsmanship Workshop</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <i>Brahms 3</i>   |
| 4:30 pm – 7:00 pm | <b>SIC Networking and Super Bowl Event</b> (Only for SIC Registrants)                                                                                                                                                                                                                                                                                                                                                                                                                             | <i>Brahms 1-2</i> |

# THE GRANT WRITING WORKSHOP CONTINUED

## Monday, February 6, 2017

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 8:00 am – 8:30 am   | <b>Top 10 Mistakes Made When Writing Your First Grant</b><br>David Hackam, MD, PhD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Brahms 1-2</i>         |
| 8:30 am – 10:30 am  | <b>Essential Elements of a Successful Research Proposal – Basic/Translational Research (PARALLEL)</b><br>MODERATOR: George Yang, MD<br><br>8:30 am General Format of NIH R01 & R21 Applications – <i>Timothy Pritts, MD, PhD</i><br>8:50 am Generating a Hypothesis and Specific Aims – <i>George Yang, MD, PhD</i><br>9:10 am Conveying Significance and Innovation – <i>Clifford S. Cho, MD</i><br>9:30 am Creating an Effective Scientific Approach – <i>George Gittes, MD</i><br>9:50 am The Details – Budget, NIH Biosketch, Equipment, Resources, Vertebrate Animals, etc. – <i>Mark Cohen, MD</i><br>10:10 am Discussion | <i>Brahms 3</i>           |
| 8:30 am – 10:30 am  | <b>Essential Elements of a Successful Research Proposal – Outcomes/Health Services Research (PARALLEL)</b><br>MODERATOR: Karl Bilimoria, MD, MS<br><br>8:30 am General Format of NIH R01 & R21 Applications – <i>Clara Lee, MD, MPP</i><br>8:50 am Writing the Specific Aims – <i>Karl Bilimoria, MD, MS</i><br>9:10 am Conveying Significance and Innovation – <i>Elliott Haut, MD</i><br>9:30 am Important Elements of the Scientific Approach – <i>Benjamin Brooke, MD</i><br>9:50 am Strategy for Building a Research Team & Selecting Co-Investigators – <i>Heena P. Santry, MD, MPH</i><br>10:10 am Discussion            | <i>Brahms 1-2</i>         |
| 10:30 am – 10:45 am | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |
| 10:45 am – 11:30 am | <b>Score, Triage, Summary Statement and Resubmission</b><br>MODERATORS: Justin B. Dimick MD, MPH<br><br>10:45 am What Happens to your Grant after Submission – <i>Clifford S. Cho, MD</i><br>11:00 am Summary Statements and Preparing a Revision – <i>Dorry Segev, MD, PhD</i><br>11:15 am Discussion                                                                                                                                                                                                                                                                                                                          | <i>Brahms 1-2</i>         |
| 11:30 am – 1:00 pm  | <b>Mock NIH Study Session (Health Services Research or Basic Science)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <i>Brahms 1-2 &amp; 3</i> |
| 1:00 pm             | <b>Concluding Remarks</b><br>Justin B. Dimick, MD, MPH & Sharon M. Weber, MD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <i>Brahms 1-2</i>         |

## We want your feedback!

Please complete the course evaluation to help us improve the course for future years.

The course evaluation can be found here:  
<https://www.research.net/r/SIC2017Eval>



# Society of University Surgeons

Advancing the Art and Science of Surgery

## 5<sup>th</sup> ANNUAL SUS MID-CAREER ACADEMIC SURGERY PROFESSIONAL DEVELOPMENT COURSE

Monday, February 6, 2017 • Las Vegas, Nevada

8:00 am – 8:05 am

### Welcome and Introduction

Course Chairs:

*Allan Tsung, MD, University of Pittsburgh School of Medicine*

*Gregory D. Kennedy, MD, PhD, University of Alabama at Birmingham*

8:05 am – 9:15 am

### IDENTIFYING THE OPPORTUNITIES

- **How Do I Know When I'm Ready? How Do I Prepare For A Leadership Position?**

*George K. Gittes, MD, Children's Hospital of Pittsburgh*

- **How Do I Know If I Should Stay Or If I Should Leave?**

*Sandra L. Wong, MD, MS, Dartmouth-Hitchcock Medical Center*

- **I am Staying at My Institution – How Should I Redirect My Focus?**

*A. James Moser, MD, FACS, Beth Israel Deaconess Medical Center, Harvard Medical School*

- **Moderated Panel**

9:15 am – 10:30 am

### PLANNING FOR THE INTERVIEW PROCESS

- **How To Prepare For A Successful Interview**

*David L. Bartlett, MD, University of Pittsburgh School of Medicine*

- **A Chair's Perspective: Steps Of The Interview Process**

*K. Craig Kent, MD, Ohio State University College of Medicine*

- **Search Firm/Search Committee Perspectives**

*Bernard Godley, MD, PhD, MBA, FACS, Senior Client Partner, Korn Ferry*

- **Moderated Panel**

10:30 am – 11:30 am

**KEYNOTE SPEAKER:** *Robert S.D. Higgins, MD, Johns Hopkins University School of Medicine*

11:30 am – 12:00 pm

### Lunch

12:00 pm – 1:30 pm

### ON THE JOB EXPERIENCES

- **Assessing Organizational Health: Understanding How To Create A Better Environment**

*David L. Dunn, MD, PhD, Louisville, Kentucky*

- **Personnel Management – Effectively Managing Up And Down**

*Dai H. Chung, MD, Vanderbilt University Medical Center*

- **Understanding The Expectations Of The New Job**

*Rebecca M. Minter, MD, UT Southwestern Medical Center*

- **Advancing At Home And Keeping Your Career Fresh**

*Justin B. Dimick, MD, MPH, University of Michigan Health System*

- **Moderated Panel**

1:30 pm – 1:45 pm

### Break

1:45 pm – 4:30 pm

**LEADING AND MANAGING OTHERS** – *Janet Dombrowski, President, JCD Advisors, LLC*

### SMALL GROUP EXERCISES

4:30 pm – 6:00 pm

### Wrap Up and Cocktail Mixer



# Society of University Surgeons

Advancing the Art and Science of Surgery

## 5<sup>th</sup> ANNUAL SUS MID-CAREER ACADEMIC SURGERY PROFESSIONAL DEVELOPMENT COURSE

Monday, February 6, 2017 • Las Vegas, Nevada

### COURSE CHAIRS

#### **ALLAN TSUNG, MD**

Roberta G. Simmons Associate Professor of Surgery  
Vice Chair of Research, Department of Surgery  
Co-Director UPMC Liver Cancer Center  
University of Pittsburgh School of Medicine

#### **GREGORY D. KENNEDY, MD, PHD**

Professor of Surgery  
Director, Division of Gastrointestinal Surgery  
University of Alabama at Birmingham

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#### **GEORGE K. GITTES, MD**

Benjamin R. Fisher Chair in Pediatric Surgery  
Professor of Surgery and Pediatrics  
Surgeon-in-Chief and Chief, Division of Pediatric Surgery  
Children's Hospital of Pittsburgh of UPMC  
University of Pittsburgh School of Medicine

#### **SANDRA L. WONG, MD, MS**

Chair of Surgery  
Senior Vice President of the Surgical Service Line  
Dartmouth-Hitchcock and the Geisel School of Medicine  
at Dartmouth

#### **A. JAMES MOSER, MD, FACS**

Co-Director of the Pancreas and Liver Institute  
Co-Director of the Pancreas Cancer Research Program  
Beth Israel Deaconess Medical Center  
Associate Professor  
Harvard Medical School

#### **DAVID L. BARTLETT, MD**

Bernard Fisher Professor of Surgery  
Vice Chairman, Surgical Oncology and Gastrointestinal Services  
University of Pittsburgh Cancer Institute  
University of Pittsburgh School of Medicine

#### **K. CRAIG KENT, MD**

Dean, The Ohio State University College of Medicine

#### **BERNARD GODLEY, MD, PHD, MBA, FACS**

Senior Client Partner in the Academic Medicine Practice  
Korn Ferry

#### **ROBERT S.D. HIGGINS, MD**

William Stewart Halstead Professor of Surgery  
Surgeon-in-Chief  
Johns Hopkins University School of Medicine

#### **DAVID L. DUNN, MD, PHD**

Louisville, Kentucky

#### **DAI H. CHUNG, MD**

Professor and Chairman  
Department of Pediatric Surgery  
Janie Robinson and John Moore Lee Endowed Chair  
Vanderbilt University Medical Center

#### **REBECCA M. MINTER, MD**

Professor and Alvin J. Baldwin Chair in Surgery  
Chief of the Division of Surgical Oncology's Section  
of Hepatopancreatobiliary Surgery  
Vice Chair of Clinical Operations and Finance  
UT Southwestern Medical Center

#### **JUSTIN B. DIMICK, MD, MPH**

George D. Zuidema Professor of Surgery  
Chief of the Division of Minimally Invasive Surgery  
Director, Center for Healthcare Outcomes and Policy  
Associate Chair for Strategy & Finance  
University of Michigan Health Systems

#### **JANET DOMBROWSKI**

President & Founder, JCD Advisors, LLC

|                    |                                                      |                  |
|--------------------|------------------------------------------------------|------------------|
| 5:30 AM - 6:30 PM  | <b>Speaker Prep Open</b>                             | MOZART           |
| 6:30 AM - 7:30 AM  | <b>Continental Breakfast</b>                         | ENCORE PROMENADE |
| 6:30 AM - 6:30 PM  | <b>Registration Open</b>                             | ENCORE PROMENADE |
| 6:30 AM - 7:00 AM  | <b>AAS New Members Breakfast (Invitation Only)</b>   | CHOPIN PATIO     |
| 6:30 AM - 7:30 AM  | <b>SUS Global Academic Surgery Committee Meeting</b> | BACH             |
| 7:00 AM - 10:00 AM | <b>AAS Grant Interviews</b>                          | RAVEL & PUCCINI  |
| 7:30 AM - 9:30 AM  | <b>Integrated Quick Shot Presentation Sessions I</b> |                  |

### 01. BASIC SCIENCE: CARDIOTHORACIC, VASCULAR, TRANSPLANTATION QUICKSHOT

BEETHOVEN 1

**MODERATORS: Todd V. Brennan, MD, MS & Jason D. Prescott, MD, PhD**

#### 01.01. Ex-situ Hepatic Transection with Use of Electrocautery.

K. Bittner<sup>1</sup>, M. C. Mora<sup>1</sup>, K. Douglas<sup>1</sup>, K. Wong<sup>1</sup>, D. Tashjian<sup>2</sup>, K. Moriarty<sup>2</sup>, M. Tirabassi<sup>2</sup> <sup>1</sup>Baystate Medical Center, Springfield, MA, USA <sup>2</sup>Baystate Children's Hospital, Springfield, MA, USA

#### 01.02. Decreased Coronary Arteriolar Response to K<sub>Ca</sub> channel Opener after CP/CPB in Diabetic Patients.

Y. Liu<sup>1</sup>, V. Cole<sup>1</sup>, F. W. Sellke<sup>1</sup>, J. Feng<sup>1</sup> <sup>1</sup>Rhode Island Hospital, Cardiothoracic/Surgery, Providence, RI, USA

#### 01.03. Urinary N-acetyl-beta-D-glucosaminidase Activity is Increased in Renal Transplant Rejection.

A. MacDonald<sup>1</sup>, K. P. Samy<sup>1</sup>, B. S. Parker<sup>1</sup>, T. Truong<sup>3</sup>, M. Kuchibatla<sup>3</sup>, J. Espinosa<sup>1</sup>, M. McRae<sup>1</sup>, J. Cheeseman<sup>1</sup>, A. D. Kirk<sup>1,2</sup>, T. V. Brennan<sup>1</sup> <sup>1</sup>Duke University, Department Of Surgery, Durham, NC, USA <sup>2</sup>Emory University, Department Of Surgery, Atlanta, GA, USA <sup>3</sup>Duke University Medical Center, Biostatistics And Bioinformatics, Durham, NC, USA

#### 01.04. Similar Degree of Intimal Hyperplasia in Stenotic and Non-Stenotic Arteriovenous Fistula Segments.

M. M. Tabbara<sup>1</sup>, L. Martinez<sup>1</sup>, J. C. Duque<sup>2</sup>, A. Paez<sup>1</sup>, G. Selman<sup>1</sup>, O. C. Velazquez<sup>1</sup>, L. H. Salman<sup>3</sup>, R. I. Vazquez-Padron<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA <sup>2</sup>University Of Miami, Medicine, Miami, FL, USA <sup>3</sup>University Of Miami, Interventional Nephrology, Miami, FL, USA

#### 01.05. Statins Reduce Thoracic Aortic Aneurysm Growth in Marfan Syndrome Mice.

M. P. Fischbein<sup>1</sup> <sup>1</sup>Stanford University, Cardiothoracic Surgery, Palo Alto, CA, USA

#### 01.06. Notch1 Signaling Is a Key Regulator of Fibroblasts in Angiogenesis and Wound Healing.

Z. Liu<sup>1</sup>, P. P. Parikh<sup>1</sup>, H. Shao<sup>1</sup>, Y. Li<sup>1</sup>, R. Prokupets<sup>1</sup>, S. Liu<sup>1</sup>, O. C. Velazquez<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA

#### 01.07. A Hypothermic Ex-vivo Intestinal Perfusion Unit that limits ischemia reperfusion injury.

A. Flores Huidobro<sup>1</sup>, C. Ibarra<sup>1</sup>, A. S. Munoz-Abraham<sup>1</sup>, A. Bertacco<sup>1</sup>, R. Patron-Lozano<sup>1</sup>, A. Alkukhun<sup>1</sup>, R. Morotti<sup>1</sup>, J. Zinter<sup>1</sup>, F. D'Amico<sup>1</sup>, D. Mulligan<sup>1</sup>, J. Geibel<sup>1</sup>, M. I. Rodriguez-Davalos<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA

#### 01.08. Nuclear Co-Repressor Complex Inhibition Reverses Benefit of HDAC2 Deletion in Renal Ischemia.

D. D. Aufhauser Jr<sup>1</sup>, D. Murken<sup>1</sup>, Z. Wang<sup>1</sup>, G. Ge<sup>1</sup>, T. Bhatti<sup>3</sup>, W. Hancock<sup>2,3</sup>, M. Levine<sup>1,4</sup> <sup>1</sup>University Of Pennsylvania, Surgery, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Pathology And Laboratory Medicine, Philadelphia, PA, USA <sup>3</sup>Children's Hospital Of Philadelphia, Pathology And Laboratory Medicine, Philadelphia, PA, USA <sup>4</sup>Children's Hospital Of Philadelphia, Surgery, Philadelphia, PA, USA

#### 01.09. The Circulating Plasma miRNA Profile In Response To Vascular Injury.

T. Yoo<sup>1</sup>, M. Haurani<sup>1</sup>, C. Rink<sup>1</sup> <sup>1</sup>Ohio State University, Vascular Surgery, Columbus, OH, USA

#### 01.10. Successful siRNA Therapy Attenuates Inflammation in an Arterial Injury Model of Intimal Hyperplasia.

S. Muralidharan<sup>1</sup>, T. Bodewes<sup>1</sup>, J. Johnson<sup>1</sup>, M. Auster<sup>1</sup>, M. Contreras<sup>1</sup>, F. W. LoGerfo<sup>1</sup>, L. Pradhan-Nabzdyk<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Vascular Surgery, Harvard Medical School, Boston, MA, USA

#### 01.11. Modulation of the NF $\kappa$ B Pathway by Alcohol in Ischemic Myocardium.

L. A. Scrimgeour<sup>1</sup>, B. A. Potz<sup>1</sup>, F. W. Sellke<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Cardiothoracic Surgery, Providence, RI, USA

#### 01.12. Advances in Ex-Situ Heart Perfusion: 24-hour Perfusion, and 12-hour Perfusion with Transplantation.

J. T. Church<sup>1</sup>, K. B. Deatrick<sup>1</sup>, J. P. Phillips<sup>1</sup>, J. McLeod<sup>1</sup>, C. Douglas<sup>1</sup>, A. Rojas-Pena<sup>1</sup>, R. H. Bartlett<sup>1</sup>, M. L. Bocks<sup>1</sup>, G. E. Owens<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

#### 01.14. Plasma Heparan Sulfate is a Biomarker of Acute Kidney Allograft Rejection.

L. Lin<sup>1</sup>, M. McRae<sup>1</sup>, A. MacDonald<sup>1</sup>, T. V. Brennan<sup>1</sup> <sup>1</sup>Duke University Medical Center, Surgery, Durham, NC, USA

#### 01.15. Proof of Concept: Magnetic Chest Tube Positioning System.

D. Laan<sup>1</sup>, D. Vu<sup>1</sup>, M. Hernandez<sup>1</sup>, J. Aho<sup>1</sup>, H. Schiller<sup>1</sup> <sup>1</sup>Mayo Clinic, General Surgery, Rochester, MN, USA

#### 01.16. Alterations in Mitochondrial DNA Density in Right Ventricular Failure and Recovery.

J. Winward<sup>1</sup>, M. E. Bowen<sup>1</sup>, H. Li<sup>1</sup>, S. H. McKellar<sup>1</sup> <sup>1</sup>University Of Utah, Cardiothoracic Surgery, Salt Lake City, UT, USA

#### 01.17. Comparing Hypothermic and Normothermic Preservation of Intestinal Tissues in a Rat Model.

A. Alkukhun<sup>1</sup>, A. Bertacco<sup>1,2</sup>, G. Caturegli<sup>1</sup>, F. D'Amico<sup>1,2</sup>, R. Morotti<sup>1</sup>, M. I. Rodriguez<sup>1</sup>, D. C. Mulligan<sup>1</sup>, J. P. Geibel<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA <sup>2</sup>Padova University, HPB And Liver Transplant, Padova, VENETO, Italy

#### 01.18. Metabolomic Analysis of DCD Liver Allografts Reveals Distinct Alterations in Energy Metabolism.

J. Seal<sup>1</sup>, H. Bohorquez<sup>1</sup>, D. Bruce<sup>1</sup>, E. Bugeaud<sup>1</sup>, I. Carmody<sup>1</sup>, A. Cohen<sup>1</sup>, G. Loss<sup>1</sup>, J. Culver<sup>2,3</sup>, C. Petucci<sup>2,3</sup>, S. Gardell<sup>2,3</sup> <sup>1</sup>Ochsner Clinic, Multi-Organ Transplant, New Orleans, LA, USA <sup>2</sup>Sanford Burnham Prebys Medical Discovery Institute, Orlando, FL, USA <sup>3</sup>Southeast Center For Integrated Metabolomics, Gainesville, FL, USA

#### 01.19. Successful Dual siRNA Transfection in an Arterial Injury Model of Intimal Hyperplasia.

J. Johnson<sup>1</sup>, T. C. Bodewes<sup>1</sup>, S. Muralidharan<sup>1</sup>, M. Auster<sup>1</sup>, M. Contreras<sup>1</sup>, F. W. LoGerfo<sup>1</sup>, L. Pradhan-Nabzdyk<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Vascular Surgery, Harvard Medical School, Boston, MA, USA

#### 01.20. Influence of Diabetic Treatment on Substrate Selection in a Ex-vivo Coronary Artery Bypass Model.

C. T. Holmes<sup>1</sup>, N. Clarke<sup>1</sup>, L. Powell<sup>1</sup>, M. E. Jessen<sup>1</sup>, M. Peltz<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Cardiovascular And Thoracic Surgery, Dallas, TX, USA

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 02. BASIC SCIENCE: ONCOLOGY - CELLULAR AND MOLECULAR BIOLOGY QUICKSHOT

BEETHOVEN 2

**MODERATORS: Ryan M. Thomas, MD & James S. Tomlinson, MD**

**02.01. MicroRNA 451 and 203 Regulation of Radiation Sensitivity in Rectal Carcinomas.** K. A. Kelley<sup>1</sup>, R. Ruhl<sup>3</sup>, S. Rana<sup>2</sup>, C. R. Thomas<sup>2</sup>, S. Anand<sup>2,3</sup>, V. L. Tsikitis<sup>1</sup> <sup>1</sup>Oregon Health And Sciences University, Department Of Surgery, Portland, Oregon, USA <sup>2</sup>Oregon Health And Sciences University, Department Of Radiation Medicine, Portland, Oregon, USA <sup>3</sup>Oregon Health And Sciences University, Department Of Cell, Developmental, Cancer Biology, Portland, Oregon, USA

**02.02. LY2090314 suppresses cholangiocarcinoma cell growth via apoptosis and reduction in GSK-3 $\alpha$ .** K. M. Sokolowski<sup>1</sup>, S. Kunnimalaiyaan<sup>1</sup>, T. C. Gamblin<sup>1</sup>, M. Kunnimalaiyaan<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgical Oncology/Surgery, Milwaukee, WI, USA

**02.03. The Tumor Microenvironment Stroma Promotes Cancer By Using Cell-Type Specific Stress Kinase Pathways..** S. G. Patel<sup>1</sup>, L. Li<sup>1</sup>, A. Maas<sup>1</sup>, R. Ghukasyan<sup>1</sup>, J. Williams<sup>1</sup>, P. Toste<sup>1</sup>, A. Nguyen<sup>1</sup>, I. Elliott<sup>1</sup>, N. Wu<sup>1</sup>, T. Donahue<sup>1</sup> <sup>1</sup>University Of California Los Angeles, Surgery, Los Angeles, CA, USA

**02.04. Roles of Sphingosine-1-Phosphate Produced by Sphingosine Kinases in Pancreatic Cancer Progression.** M. Nakajima<sup>1</sup>, Y. Miura<sup>1</sup>, T. Ando<sup>1</sup>, K. Yuza<sup>1</sup>, J. Tsuchida<sup>1</sup>, Y. Tajima<sup>1</sup>, M. Abe<sup>2</sup>, K. Sakimura<sup>2</sup>, T. Wakai<sup>1</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata City, Japan <sup>2</sup>Brain Research Institute, Niigata University, Department Of Cellular Neurobiology, Niigata City, Japan

**02.05. COMP Gene Is Over-expressed in Early-Onset Colon Cancer and Associated with Poor Survival..** V. N. Nfonso<sup>1</sup>, J. Kobinski<sup>1</sup>, J. Jandova<sup>1</sup> <sup>1</sup>University Of Arizona, Surgery, Tucson, AZ, USA

**02.06. Obesity-induced Sphingosine-1-phosphate in Breast Cancer Interstitial Fluid Promotes Angiogenesis.** J. Tsuchida<sup>1</sup>, M. Nakajima<sup>1</sup>, K. Moro<sup>1</sup>, A. Ohtani<sup>1</sup>, M. Endo<sup>1</sup>, T. Niwano<sup>1</sup>, K. Tatsuda<sup>1</sup>, C. Toshikawa<sup>1</sup>, M. Hasegawa<sup>1</sup>, M. Ikarashi<sup>1</sup>, Y. Koyama<sup>1</sup>, J. Sakata<sup>1</sup>, T. Kobayashi<sup>1</sup>, H. Kameyama<sup>1</sup>, T. Wakai<sup>1</sup>, K. Takabe<sup>2</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan <sup>2</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA

**02.07. Peri-tumor Sphingosine-1-phosphate Levels Are Affected by the Tumor.** J. Tsuchida<sup>1</sup>, K. Moro<sup>1</sup>, A. Ohtani<sup>1</sup>, M. Endo<sup>1</sup>, T. Niwano<sup>1</sup>, K. Tatsuda<sup>1</sup>, C. Toshikawa<sup>1</sup>, M. Hasegawa<sup>1</sup>, M. Ikarashi<sup>1</sup>, M. Nakajima<sup>1</sup>, Y. Koyama<sup>1</sup>, J. Sakata<sup>1</sup>, T. Kobayashi<sup>1</sup>, H. Kameyama<sup>1</sup>, K. Takabe<sup>2</sup>, T. Wakai<sup>1</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, Niigata, Japan <sup>2</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, New York, USA

**02.08. Paradoxical Association of Postoperative Sphingosine-1 Phosphate and Breast Cancer Aggressiveness.** R. Ramanathan<sup>1</sup>, A. Raza<sup>1</sup>, J. Young<sup>2</sup>, J. Sturgill<sup>1</sup>, D. Lyon<sup>1</sup>, K. Takabe<sup>2</sup> <sup>1</sup>Virginia Commonwealth University, Richmond, VA, USA <sup>2</sup>Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

**02.09. cFLIP<sub>s</sub> is a Critical Regulator of EMT-Associated Resistance to Apoptosis.** C. Padmanabhan<sup>1</sup>, E. J. Rellinger<sup>1</sup>, H. An<sup>1</sup>, A. G. Waterson<sup>2</sup>, C. W. Lindsley<sup>2</sup>, A. Means<sup>1</sup>, R. D. Beauchamp<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Surgery, Nashville, TN, USA <sup>2</sup>Vanderbilt University Medical Center, Chemistry, Nashville, TN, USA

**02.11. \*JSS ABSTRACT Inhibitor of NF- $\kappa$ B Enhances the Antitumor Effect of Radiation Therapy in Colorectal Cancer..** H. Sugano<sup>1,2</sup>, Y. Shirai<sup>1</sup>, N. Saito<sup>1,2</sup>, T. Horiuchi<sup>1,2</sup>, H. Shiba<sup>1</sup>, K. Eto<sup>1</sup>, T. Uwagawa<sup>3</sup>, T. Ohashi<sup>2</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School Of Medicine, Department Of Surgery, Minato-ku, TOKYO, Japan <sup>2</sup>The Jikei University School Of Medicine, Department Of Gene Therapy, Research Center For Medical Science, Minato-ku, TOKYO, Japan <sup>3</sup>The Jikei University School Of Medicine, Department Of Hematology And Medical Oncology, Minato-ku, TOKYO, Japan

**02.12. Sphingosine Kinase 1 Contributes to Breast Cancer Cell Metabolism and Survival.** M. Nagahashi<sup>1</sup>, M. Nakajima<sup>1</sup>, T. Saito<sup>2</sup>, M. Komatsu<sup>2</sup>, T. Soga<sup>3</sup>, R. Zhao<sup>4</sup>, H. Zhou<sup>4</sup>, S. Okuda<sup>5</sup>, K. Takabe<sup>6</sup>, T. Wakai<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan <sup>2</sup>Niigata University Graduate School Of Medical And Dental Sciences, Department Of Biochemistry, Niigata, NIIGATA, Japan <sup>3</sup>Keio University, Institute For Advanced Biosciences, Tsuruoka, YAMAGATA, Japan <sup>4</sup>Virginia Commonwealth University School Of Medicine, Department Of Microbiology And Immunology, Medical College Of Virginia Campus, Richmond, VA, USA <sup>5</sup>Niigata University Graduate School Of Medical And Dental Sciences, Bioinformatics, Niigata, NIIGATA, Japan <sup>6</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA

**02.13. Clinical Relevance of Annexin A1 in Triple-negative Breast Cancer Patients.** M. Okano<sup>1,2</sup>, H. Okayama<sup>1</sup>, T. Ohtake<sup>1</sup>, T. Kawaguchi<sup>2</sup>, L. Yan<sup>3</sup>, Q. Qi<sup>3</sup>, S. Liu<sup>3</sup>, K. Takabe<sup>2</sup> <sup>1</sup>Fukushima Medical University School Of Medicine, Department Of Organ Regulatory Surgery, Fukushima, FUKUSHIMA, Japan <sup>2</sup>Roswell Park Cancer Institute, Department Of Surgical Oncology, Buffalo, NY, USA <sup>3</sup>Roswell Park Cancer Institute, Department Of Biostatistics & Bioinformatics, Buffalo, NY, USA

**02.14. Xanthohumol Increases DR5 Expression and Enhances Growth Suppression with TRAIL in Neuroblastoma.** S. Engelsgerd<sup>1</sup>, S. Kunnimalaiyaan<sup>1</sup>, T. Gamblin<sup>1</sup>, M. Kunnimalaiyaan<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgical Oncology/Surgery, Milwaukee, WI, USA

**02.16. Tumor Derived Microparticles and Exosomes Induce Invasion in Pancreatic Cancer.** I. A. Naqvi<sup>1</sup>, R. Gunaratne<sup>1</sup>, J. Yeh<sup>4</sup>, D. Pisetsky<sup>5</sup>, B. Sullenger<sup>2</sup>, R. White<sup>3</sup> <sup>1</sup>Duke University Medical Center, School Of Medicine, Durham, NC, USA <sup>2</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA <sup>3</sup>University Of California - San Diego, Department Of Surgery, San Diego, CA, USA <sup>4</sup>University Of North Carolina At Chapel Hill, School Of Medicine, Chapel Hill, NC, USA <sup>5</sup>Duke University Medical Center, Department Of Medicine, Durham, NC, USA

**02.17. Examining the Role of Telomere Length and Inflammation in Glioma Oncogenesis with an Agent-Based Model.** D. Kokosi<sup>2</sup>, G. An<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA <sup>2</sup>National And Kapodistrian University Of Athens, School Of Medicine, Athens, ATHENS, Greece

**02.18. HDAC Inhibitors Modulate Notch3 Expression through a Unique Transcriptional Motif in NE Cancer Cells.** S. Jang<sup>1</sup>, H. Jin<sup>1</sup>, R. Jaskula-Sztul<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Surgery, Birmingham, AL, USA

**02.19. Sphingosine-1-phosphate in the Lymphatic Fluid Determined by Novel Methods.** M. Nagahashi<sup>1</sup>, A. Yamada<sup>2</sup>, T. Aoyagi<sup>2</sup>, J. Allegood<sup>3</sup>, T. Wakai<sup>1</sup>, S. Spiegel<sup>3</sup>, K. Takabe<sup>4</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan <sup>2</sup>Virginia Commonwealth University School Of Medicine, Division Of Surgical Oncology And The Massey Cancer Center, Richmond, VA, USA <sup>3</sup>Virginia Commonwealth University School Of Medicine, Department Of Biochemistry And Molecular Biology And The Massey Cancer Center, Richmond, VA, USA <sup>4</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA

**02.20. A Pre-Metastatic Niche in the Omentum of Human Pancreatic Cancer Patients.** J. C. King<sup>1</sup>, X. Jung<sup>1</sup>, M. Xu<sup>1</sup>, A. Schmidt<sup>1</sup>, C. Chou<sup>1</sup>, O. J. Hines<sup>1</sup>, G. Eibl<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA

7:30 AM - 9:30 AM

**Integrated Quick Shot Presentation Sessions I****03. BASIC SCIENCE: TRAUMA/CRITICAL CARE QUICKSHOT**

BRAHMS 1

**MODERATORS: Benjamin Levi, MD & Matthew D. Neal, MD**

**03.01. Heart-rate Variability Predicts Mortality in a Hypothermic Coagulopathic Swine Hemorrhage Model.** K. R. Koko<sup>1</sup>, J. P. Gaughan<sup>1</sup>, B. McCauley<sup>1</sup>, M. W. Fromer<sup>1</sup>, A. L. Hagaman<sup>1</sup>, N. S. Ryan<sup>1</sup>, S. S. Brown<sup>1</sup>, J. P. Hazelton<sup>1</sup> <sup>1</sup>Cooper University Hospital, Trauma, Camden, NJ, USA

**03.02. Expression and Activation of Matrix Metalloproteinase-2 and -9 in Filter-implanted Vena Cava.** Z. Wang<sup>1</sup>, D. W. Ashley<sup>1</sup>, L. Kong<sup>1</sup>, J. Kang<sup>1</sup>, D. K. Nakayama<sup>1</sup>, P. S. Dale<sup>1</sup> <sup>1</sup>Mercer University School Of Medicine, The Medical Center Navicent Health, Macon, Department Of Surgery, Macon, GA, USA

**03.03. Sphingosine Treatment Rescues Susceptible Mice from Pulmonary Pseudomonas aeruginosa Infection.** A. M. Pugh<sup>1</sup>, T. C. Rice<sup>1</sup>, A. P. Seitz<sup>1</sup>, B. E. Whitacre<sup>1</sup>, M. J. Edwards<sup>1</sup>, E. Gulbins<sup>1,2</sup>, C. C. Caldwell<sup>1</sup> <sup>1</sup>University Of Cincinnati, Division Of Research, Department Of Surgery, Cincinnati, OH, USA <sup>2</sup>University Of Duisburg-Essen, Department Of Molecular Biology, Essen, Germany

**03.04. Pancreatic Cancer Reverses the Gut-protective Effects of EGF Overexpression in Sepsis.** J. D. Lyons<sup>1</sup>, Z. Liang<sup>1</sup>, N. Klingensmith<sup>1</sup>, K. Fay<sup>1</sup>, C. Chen<sup>1</sup>, C. Coopersmith<sup>1</sup> <sup>1</sup>Emory University, Surgery, Atlanta, GA, USA

**03.05. Integrin $\alpha$ 3 Positively Regulates TLR-induced Inflammation by Targeting CD14 Expression in Septic Mice.** Z. Chen<sup>1</sup>, Z. Shao<sup>1</sup>, Q. Li<sup>1</sup> <sup>1</sup>East Hospital, Tongji University School Of Medicine, Shanghai, SHANGHAI, China

**03.06. The Role of the Innate and Adaptive Immune Systems in the Pathogenesis of Traumatic Brain Injury in Mice.** J. C. Alonso-Escalante<sup>1</sup>, D. F. Hamade<sup>2</sup>, C. P. Sodhi<sup>1</sup>, W. Fulton<sup>1</sup>, D. J. Hackam<sup>1</sup>, I. W. Nasr<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Pediatric Surgery, Baltimore, MD, USA <sup>2</sup>American University Of Beirut School Of Medicine, Beirut, BEIRUT, Lebanon

**03.07. Targeting of Epigenetic Regulators from Sepsis Derived Microvesicles Prevents Immunosuppression.** J. Wisler<sup>1</sup>, D. Dakhallah<sup>2</sup>, T. Eubank<sup>2</sup>, C. Marsh<sup>2</sup> <sup>1</sup>Ohio State University, Surgery, Columbus, OH, USA <sup>2</sup>West Virginia University Robert C Byrd Health Sciences Center, Microbiology, Immunology And Cell Biology, Morgantown, WV, USA

**03.08. Sepsis Induces Alterations of PD-1/PD-L1 Expression on Peritoneal Neutrophils.** E. A. Fallon<sup>1</sup>, A. Rossi<sup>1</sup>, W. G. Cioffi<sup>1</sup>, A. Ayala<sup>1</sup>, D. S. Heffernan<sup>1</sup> <sup>1</sup>Brown University / Rhode Island Hospital, Department Of Surgery, Providence, RI, USA

**03.09. Prospective Validation of the Sepsis MetaScore for Diagnosis of Infections Post Traumatic Injury.** T. E. Sweeney<sup>1</sup>, A. Mansur<sup>2</sup>, J. Hinz<sup>2</sup>, P. Khatri<sup>1</sup> <sup>1</sup>Stanford University, Institute Of Immunity, Transplantation And Infections, Palo Alto, CA, USA <sup>2</sup>University Of Gottingen, Dept. Of Anesthesiology, Gottingen, LOWER SAXONY, Germany

**03.10. Hemorrhagic Shock Drives the Plasma Metabolome in Trauma.** G. R. Nunns<sup>1</sup>, N. Clemenenden<sup>4,7</sup>, H. B. Moore<sup>1</sup>, A. D'Alessandro<sup>4</sup>, E. Gonzalez<sup>1</sup>, M. Frago<sup>2</sup>, E. Peltz<sup>1</sup>, C. C. Silliman<sup>5,6</sup>, A. Sauaia<sup>1</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Surgery, Aurora, CO, USA <sup>2</sup>Denver Health Medical Center, Surgery, Aurora, CO, USA <sup>4</sup>University Of Colorado Denver, Department Of Biochemistry And Molecular Genetics, Aurora, CO, USA <sup>5</sup>University Of Colorado Denver, Pediatrics, Aurora, CO, USA <sup>6</sup>Bonfils Blood Center, Research Laboratory, Denver, CO, USA <sup>7</sup>University Of Colorado Denver, Anesthesiology, Aurora, CO, USA

**03.11. Alternative RNA Splicing in Critical Illness: Gene Expression Evidence.** S. F. Monaghan<sup>1</sup>, K. J. Cygan<sup>2</sup>, J. Lomas-Neira<sup>1</sup>, C. Chun<sup>1</sup>, Y. Chen<sup>1</sup>, W. G. Cioffi<sup>1</sup>, W. G. Fairbrother<sup>2</sup>, A. Ayala<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Surgery, Providence, RI, USA <sup>2</sup>Brown University, Center For Computational Molecular Biology, Providence, RI, USA

**03.12. Persistent Injury-Associated Anemia: The Role of the Bone Marrow Microenvironment.** J. K. Millar<sup>1</sup>, K. B. Kannan<sup>2</sup>, T. J. Loftus<sup>2</sup>, I. G. Alamo<sup>2</sup>, J. Plazas<sup>3</sup>, P. A. Efron<sup>2</sup>, A. M. Mohr<sup>2</sup> <sup>1</sup>University Of Florida, College Of Medicine, Gainesville, FL, USA <sup>2</sup>University Of Florida, Department Of Surgery And Center For Sepsis And Critical Illness Research, Gainesville, FL, USA <sup>3</sup>University Of Florida, Gainesville, FL, USA

**03.13. Reducing Hypercatecholaminemia After Trauma And Its Impact On The Erythropoietin Receptor.** I. G. Alamo<sup>1</sup>, K. B. Kannan<sup>1</sup>, T. J. Loftus<sup>1</sup>, H. Ramos<sup>1</sup>, P. A. Efron<sup>1</sup>, A. M. Mohr<sup>1</sup>, A. M. Mohr<sup>1</sup> <sup>1</sup>University Of Florida, Trauma, Gainesville, FL, USA

**03.14. Sepsis induces phenotypic changes upon both hepatic and migrating invariant Natural Killer T-cells.** T. T. Chun<sup>1</sup>, E. Fallon<sup>1</sup>, W. G. Cioffi<sup>1</sup>, A. Ayala<sup>1</sup>, D. S. Heffernan<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Division Of Surgical Research, Department Of Surgery, Providence, RI, USA

**03.15. Biologics-Supplemented Hemostatic Patch In A Nonsurvival Porcine Model Of Hepatic Resection.** S. Aravind<sup>1,2</sup>, F. Fabian<sup>3</sup>, R. Spretz<sup>3</sup>, U. R. Yanala<sup>1,2</sup>, J. Ragusa<sup>3</sup>, A. E. Ismail<sup>3</sup>, G. Larsen<sup>2,3</sup>, W. Velander<sup>3</sup>, M. A. Carlson<sup>1,2</sup> <sup>1</sup>University Of Nebraska College Of Medicine, General Surgery, Omaha, NE, USA <sup>2</sup>VA Medical Center, General Surgery, Omaha, NE, USA <sup>3</sup>University Of Nebraska - Lincoln, Bio-Medical Engineering, Lincoln, NE, USA

**03.16. Resuscitation of Hemorrhagic Shock Using Fresh Frozen Plasma Prevents Lung ICAM-1 Expression.** L. M. Bond<sup>1</sup>, P. J. Matheson<sup>1,2</sup>, V. S. Graham<sup>1</sup>, M. A. Eid<sup>1,2</sup>, C. N. Kapsalis<sup>1,2</sup>, A. J. Matheson<sup>1,2</sup>, C. D. Downard<sup>1,2</sup>, J. W. Smith<sup>1,2</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA <sup>2</sup>Robley Rex Veterans Affairs Medical Center, Research, Louisville, KY, USA

**03.17. Impact of Tranexamic Acid on Posttraumatic Coagulation and Inflammation.** M. D. Johnson<sup>1</sup>, R. Veile<sup>1</sup>, L. Friend<sup>1</sup>, H. Goetzman<sup>1</sup>, T. Pritts<sup>1</sup>, C. Caldwell<sup>1</sup>, A. Makley<sup>1</sup>, M. Goodman<sup>1</sup> <sup>1</sup>University Of Cincinnati, College Of Medicine, Cincinnati, OH, USA

**03.18. Optimal Timing of Administration of Histone Deacetylase Inhibition for Prevention of ARDS.** G. Kasotakis<sup>1</sup>, M. Galvan<sup>1</sup>, P. Osathanugrah<sup>1</sup>, N. Dharia<sup>1</sup>, L. Bufe<sup>1</sup>, Z. Breed<sup>1</sup>, D. Mabarak<sup>1</sup>, N. Singh<sup>1</sup>, E. Kintsurashvili<sup>1</sup>, D. Remick<sup>1</sup> <sup>1</sup>Boston University, Dept Of Trauma, Acute Care Surgery & Surgical Critical Care, Boston, MA, USA

**03.19. Pre-Existing Malignancy Induces a Highly Suppressive T Regulatory Cell Phenotype in Mice with Sepsis.** K. M. Ramonell<sup>1</sup>, C. Chen<sup>1</sup>, Z. Liang<sup>1</sup>, C. M. Coopersmith<sup>1</sup>, M. L. Ford<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA

**03.20. Timing is Everything: Relationship between Platelet Dysfunction and Metabolic Status.** L. J. Schaub<sup>1</sup>, R. M. Paredes<sup>1</sup>, A. R. Macko<sup>1</sup>, J. J. Glaser<sup>1</sup>, H. B. Moore<sup>2,3</sup>, E. E. Moore<sup>2,3</sup>, F. R. Sheppard<sup>1</sup> <sup>1</sup>Naval Medical Research Unit-San Antonio, Expeditionary And Trauma Medicine, Ft. Sam Houston, TX, USA <sup>2</sup>Denver Health Medical Center, Surgery, Aurora, CO, USA <sup>3</sup>University Of Colorado Denver, Surgery, Aurora, CO, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 04. BASIC SCIENCE: IMMUNOLOGY QUICKSHOT

BRAHMS 2

**MODERATORS: William R. Burns, MD & Jason S. Gold, MD**

**04.01. Evidence for Botulinum Toxin in Management of Ventral Hernia: A Systematic Review and Meta-Analysis.** J. M. Weissler<sup>1</sup>, M. A. Lanni<sup>1</sup>, M. G. Tecce<sup>1</sup>, M. J. Carney<sup>1</sup>, V. Shubinet<sup>1</sup>, J. P. Fischer<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Plastic Surgery, Philadelphia, PA, USA

**04.02. The inflammatory environment of the gut in the surgical Crohn's patient.** M. Laffin<sup>2</sup>, T. Perry<sup>2</sup>, B. Dicken<sup>2</sup>, R. Fedorak<sup>3</sup>, K. Madsen<sup>3</sup> <sup>1</sup>University Of Alberta, Edmonton, AB, Canada <sup>2</sup>University Of Alberta, Department Of Surgery, Edmonton, AB, Canada <sup>3</sup>University Of Alberta, Department Of Medicine, Edmonton, AB, Canada

**04.03. Loss of Class I MHC Adds Prognostic Value to PD-L1 Expression in Non-Small Cell Lung Cancer Patients.** J. M. Obeid<sup>1</sup>, G. Erdag<sup>1</sup>, R. D. Gentzler<sup>2</sup>, M. G. Brown<sup>3</sup>, J. V. Cross<sup>3</sup>, D. H. Deacon<sup>1</sup>, T. N. Bullock<sup>3</sup>, C. L. Slingluff<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery Department, Charlottesville, VA, USA <sup>2</sup>University Of Virginia, Heme/Onc / Medicine Department, Charlottesville, VA, USA <sup>3</sup>University Of Virginia, Pathology Department, Charlottesville, VA, USA <sup>4</sup>Johns Hopkins University School Of Medicine, Pathology Department, Baltimore, MD, USA <sup>5</sup>University Of Virginia, Immunology, Charlottesville, VA, USA

**04.04. Myeloid Derived Suppressor Cells in the Inflammatory Response of Pancreatitis and Pancreatic Cancer.** N. E. Cieza Rubio<sup>1</sup>, R. L. Heimark<sup>1,2</sup> <sup>1</sup>University Of Arizona, Department Of Surgery, Tucson, AZ, USA <sup>2</sup>The Arizona Cancer Center, Tucson, AZ, USA

**04.05. Radiation and Natural Killer Cell Therapy in Canine Sarcomas: Initial Results of a Co-Clinical Trial.** J. S. Park<sup>1</sup>, Z. Wang<sup>2</sup>, S. K. Grossenbacher<sup>2</sup>, J. I. Luna<sup>2</sup>, I. Sturgill<sup>2</sup>, S. S. Withers<sup>3</sup>, M. S. Kent<sup>3</sup>, M. Chen<sup>4</sup>, W. T. Culp<sup>3</sup>, R. Rebhun<sup>3</sup>, A. M. Monjazeb<sup>5</sup>, W. J. Murphy<sup>2</sup>, R. J. Canter<sup>1</sup> <sup>1</sup>UC Davis, Surgical Oncology/ Surgery, Sacramento, CA, USA <sup>2</sup>UC Davis, Dermatology, Sacramento, CA, USA <sup>3</sup>UC Davis School Of Veterinary Medicine, Surgical And Radiological Sciences, Davis, CA, USA <sup>4</sup>UC Davis, Pathology And Laboratory Medicine, Sacramento, CA, USA <sup>5</sup>UC Davis, Radiation Oncology, Sacramento, CA, USA

**04.06. Topical Imiquimod for Cutaneous In-Transit Metastases of Melanoma.** K. M. Leick<sup>1</sup>, E. P. Salerno<sup>1</sup>, J. M. Obeid<sup>1</sup>, D. H. Deacon<sup>1</sup>, C. L. Slingluff<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, USA

**04.07. Interferon-gamma enhances monocyte function and increases PD-L1 expression..** S. P. Walker<sup>1</sup>, N. Galbraith<sup>1</sup>, C. Bishop<sup>1</sup>, M. Reid<sup>1</sup>, S. Gardner<sup>1</sup>, H. Polk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA

**04.08. The Immunomodulatory Effect of Vesicular Stomatitis Virus on Peritoneal Surface Malignancy..** G. Davis<sup>2</sup>, S. A. Northrup<sup>1</sup>, M. Westcott<sup>2</sup>, J. H. Stewart<sup>1,2</sup> <sup>1</sup>Duke University Medical Center, Surgical Oncology, Durham, NC, USA <sup>2</sup>Wake Forest University School Of Medicine, Winston-Salem, NC, USA

**04.09. Pancreatic Cancer Resistance to MEK Inhibition is Mediated by IL-1 $\kappa$ Dependent STAT3 Reactivation.** A. A. Gaidarski<sup>1</sup>, C. Roberts<sup>1</sup>, M. VanSaun<sup>1</sup>, N. Nagathihalli<sup>1</sup>, J. Castellanos<sup>2</sup>, N. Merchant<sup>1</sup> <sup>1</sup>University Of Miami, Department Of Surgery, Miami, FL, USA <sup>2</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA

**04.10. Stat3 inhibition enhances myeloid derived suppressor cell apoptosis via Fas/FasL signaling .** P. Guha<sup>1</sup>, J. C. Gardell<sup>1</sup>, M. Cunetta<sup>1</sup>, M. Lima<sup>1</sup>, J. Darpolor<sup>1</sup>, S. Ferree<sup>1,2</sup>, N. Espat<sup>1,2</sup>, S. C. Katz<sup>1,2</sup> <sup>1</sup>Roger Williams Medical Center, Surgical Oncology, Providence, RI, USA <sup>2</sup>Boston University, Boston, MA, USA

**04.11. Psychological Stress During Pregnancy Alters Immune Function in Maternal and Neonatal Mice.** S. Deas<sup>1</sup>, M. Melendez-Ferro<sup>1</sup>, V. Yeramilli<sup>4</sup>, C. Culbreath<sup>2</sup>, R. Lorenz<sup>5</sup>, C. Martin<sup>1,3</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA <sup>2</sup>Inova Fairfax Hospital, Surgery, Falls Church, VA, USA <sup>3</sup>Children's Of Alabama, Surgery, Birmingham, ALABAMA, USA <sup>4</sup>University Of Alabama at Birmingham, Microbiology, Birmingham, Alabama, USA <sup>5</sup>University Of Alabama at Birmingham, Pathology, Birmingham, Alabama, USA

**04.12. Improved Survival in Neonatal Sepsis Following Alum Pretreatment is Independent of Neutrophils.** S. L. Raymond<sup>1</sup>, J. C. Rincon<sup>1</sup>, A. Cuenca<sup>1</sup>, D. C. Nacionales<sup>1</sup>, L. L. Moldawer<sup>1</sup>, S. D. Larson<sup>1</sup> <sup>1</sup>University Of Florida, Department Of Surgery, Gainesville, FL, USA

**04.13. The prognostic Impact of HLA Class I (A, B, C), HLA-E and HLA-G expression in Pancreatic Cancer.** S. W. De Geus<sup>1</sup>, H. A. Prevoo<sup>1</sup>, N. G. Dekker-Ensink<sup>1</sup>, B. A. Bonsing<sup>1</sup>, H. Morreau<sup>2</sup>, A. L. Vahrmeijer<sup>1</sup>, P. J. Van Den Elsen<sup>3</sup>, C. J. Van De Velde<sup>1</sup>, P. J. Kuppen<sup>1</sup> <sup>1</sup>Leiden University Medical Center, Surgery, Leiden, 2333 ZA, Netherlands <sup>2</sup>Leiden University Medical Center, Pathology, Leiden, 2333 ZA, Netherlands <sup>3</sup>Leiden University Medical Center, Immunohematology, Leiden, 2333 ZA, Netherlands

**04.14. Exploring Immunologic Aspects of Regional Therapy in Melanoma.** J. A. Perone<sup>1</sup>, T. Tamasa<sup>1,2</sup>, M. Tsutsui<sup>2</sup>, P. Dolber<sup>1</sup>, I. V. Pinchuk<sup>1</sup>, D. S. Tyler<sup>1,2</sup>, K. Olino<sup>1</sup> <sup>2</sup>Durham Veterans Affairs Medical Center, Durham, NC, USA <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA

**04.15. Cancer-Associated Plastic IL17<sup>+</sup>Foxp3<sup>+</sup> and ex-Th17 Foxp3<sup>+</sup> Cells are Immunosuppressive.** S. E. Berkey<sup>1</sup>, D. L. Bartlett<sup>1</sup>, N. Obermajer<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA

**04.16. The Innate Immune System Suppresses the Progression of Metastatic Pancreatic Cancer.** A. D. Michaels<sup>1</sup>, S. J. Adair<sup>2</sup>, M. G. Mullen<sup>1</sup>, S. Nagdas<sup>2</sup>, J. B. Persily<sup>1</sup>, N. Jha<sup>1</sup>, J. T. Parsons<sup>2</sup>, T. W. Bauer<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, USA <sup>2</sup>University Of Virginia, Microbiology, Immunology, And Cancer Biology, Charlottesville, VA, USA

**04.17. Surgical patients with infection have suppressed monocyte function and increased IRAK-M expression .** N. J. Galbraith<sup>1</sup>, S. P. Walker<sup>1</sup>, S. A. Gardner<sup>1</sup>, J. V. Carter<sup>1</sup>, S. Manek<sup>1</sup>, S. Galandiuk<sup>1</sup>, H. C. Polk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA

**04.18. Sexual Dimorphism in Inflammation and Obesity: Disparate Effects on PMN Activation.** M. E. Diebel<sup>1</sup>, D. M. Liberati<sup>1</sup>, L. N. Diebel<sup>1</sup> <sup>1</sup>Wayne State University, Marian And Michael Ilitch Department Of Surgery, Detroit, MI, USA

**04.19. Differential Sepsis Survival Between Genetically Identical Mice from Different Vendors .** K. Fay<sup>1</sup>, N. Klingensmith<sup>1</sup>, J. Lyons<sup>1</sup>, C. Chen<sup>1</sup>, C. Coopersmith<sup>2</sup>, M. L. Ford<sup>3</sup> <sup>1</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA <sup>2</sup>Emory University, Critical Care Center, Atlanta, GA, USA <sup>3</sup>Emory University, Transplant Center, Atlanta, GA, USA

**04.20. Effects of CD47mAb Treatment on VEGF Signaling in the Huh-7 Hepatocellular Carcinoma Cell Line .** D. Chirumbolo<sup>1</sup>, M. Xu<sup>1</sup>, X. Wang<sup>1</sup>, G. A. Upadhyay<sup>1</sup>, Y. Lin<sup>1</sup>, W. C. Chapman<sup>1</sup> <sup>1</sup>Washington University, Transplant Section, General Surgery, St. Louis, MO, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

## Integrated Quick Shot Presentation Sessions I

## 05. CLINICAL/OUTCOMES: GLOBAL SURGERY QUICKSHOT

BRAHMS 3

## MODERATORS: Heitham T. Hassoun, MD &amp; Catherine Juillard, MD MPH

## 05.03. Lessons Learned from the Implementation of a Trauma

**Mortality Review in Central Africa.** C. A. Thiels<sup>1</sup>, S. Nigo<sup>3</sup>, M. Kasumba<sup>3</sup>, J. A. Brown<sup>3</sup>, S. M. Wren<sup>2</sup> <sup>1</sup>Mayo Clinic, Rochester, MN, USA <sup>2</sup>Stanford Medicine, Palo Alto, CA, USA <sup>3</sup>Mbingo Baptist Hospital, Northwest Province, Cameroon

## 05.04. Emergency General Surgery in Rwandan District

**Hospitals: Spectrum, Management, and Outcomes of Care.** C. Mpirimbanyi<sup>4,5</sup>, A. Nyirimodo<sup>4,5</sup>, Y. Lin<sup>3</sup>, B. Hedt<sup>1,5</sup>, J. Odhiambo<sup>5</sup>, T. Nkurunziza<sup>5</sup>, J. Havens<sup>1,2</sup>, R. Rivello<sup>1,2</sup> <sup>1</sup>Harvard School Of Medicine, Surgery, Brookline, MA, USA <sup>2</sup>Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA <sup>3</sup>University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA <sup>4</sup>University Of Rwanda, Department Of Surgery, Kigali, KIGALI, Rwanda <sup>5</sup>Partners In Health, Boston, MA, USA

## 05.05. Injury Characteristics, Risk Factors and Outcomes

**Following Falls in Sub-Saharan Africa.** B. E. Haac<sup>1,4</sup>, J. Gallaher<sup>3,4</sup>, A. Geyer<sup>5</sup>, L. Banza<sup>2</sup>, A. Charles<sup>2,3</sup> <sup>4</sup>UNC Project, Lilongwe, Lilongwe, Malawi <sup>5</sup>Air Force Institute Of Technology, Statistics, Wright-Patterson AFB, OHIO, USA <sup>1</sup>University Of Maryland Medical Center, General Surgery, Baltimore, MD, USA <sup>2</sup>Kamuzu Central Hospital, Surgery, Lilongwe, Malawi <sup>3</sup>University Of North Carolina At Chapel Hill, General Surgery, Chapel Hill, NC, USA

## 05.06. Safe Surgery Checklist: What Are the Reasons Behind

**Non-Adherence?** M. Jindal<sup>1,2</sup>, S. Cane<sup>3</sup>, C. Zheng<sup>2</sup>, L. M. Boyle<sup>1,3</sup>, S. A. Krevat<sup>3,4</sup>, W. B. Al-Refaie<sup>1,2,3</sup> <sup>1</sup>Georgetown University Medical Center, Washington, DC, USA <sup>2</sup>MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA <sup>3</sup>MedStar Health, Washington, DC, USA <sup>4</sup>MedStar Health Research Institute, Washington, DC, USA

## 05.07. Assessing Burns Etiology and Distribution Nationally

**in Brazil.** J. R. Amundson<sup>1,2</sup>, I. Citron<sup>2</sup>, S. Saluja<sup>2,8</sup>, H. Jenny<sup>2</sup>, A. G. Guilloux<sup>9</sup>, M. Scheffer<sup>9</sup>, M. Shrim<sup>2,3</sup>, N. Alonso<sup>4,5</sup> <sup>8</sup>Weill Cornell Medical College, Department Of Surgery, New York, NY, USA <sup>9</sup>Universidade De São Paulo, Departamento De Medicina Preventiva, Faculdade De Medicina, São Paulo, SÃO PAULO, Brazil <sup>1</sup>University Of Miami, Miller School Of Medicine, Miami, FL, USA <sup>2</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Boston, MA, USA <sup>3</sup>Massachusetts Eye And Ear Infirmary, Department Of Otolaryngology And Office Of Global Surgery, Boston, MA, USA <sup>4</sup>Universidade De São Paulo, Craniofacial Surgery Unit, Division Of Plastic Surgery, Department Of Surgery, Faculdade De Medicina, São Paulo, SÃO PAULO, Brazil

## 05.08. Trauma system assessment in Mongolia: INTACT evaluation

**and recommendations for improvement.** S. Lombardo<sup>1,2</sup>, B. Unurbileg<sup>4</sup>, J. Gerelmaa<sup>4</sup>, L. Bayarbaatar<sup>4</sup>, E. Sarnai<sup>4</sup>, R. Price<sup>2,3</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Center For Global Surgery, Salt Lake City, UT, USA <sup>3</sup>Intermountain Medical Center, Department Of Surgery, Salt Lake City, UT, USA <sup>4</sup>Mongolia National University Of Medical Sciences, Department Of Surgery, Ulaanbaatar, UB, Mongolia

## 05.09. Emergency and Essential Surgical Procedures for Children

**at the Primary Referral Hospital.** M. Piacquadio<sup>2</sup>, E. Ward<sup>6</sup>, L. Goodman<sup>3</sup>, A. Wang<sup>5</sup>, E. Ameh<sup>4</sup>, S. W. Bickler<sup>1</sup> <sup>1</sup>Rady Children's Hospital/ UC San Diego, Department Of Pediatric Surgery, San Diego, CA, USA <sup>2</sup>Western University Of Health Sciences College Of Osteopathic Medicine Of The Pacific, Pomona, CA, USA <sup>3</sup>UC Davis Medical Center, Department Of Surgery, Davis, CA, USA <sup>4</sup>National Hospital, Division Of Pediatric Surgery, Abuja, FCT, Nigeria <sup>5</sup>Naval Medical Center San Diego, Department Of Surgery, San Diego, CA, USA <sup>6</sup>UC San Diego, Department Of Surgery, San Diego, CA, USA

## 05.10. Assessing the costs of a short-term surgical mission

**in rural Guatemala.** M. M. Esquivel<sup>1</sup>, J. Chen<sup>1</sup>, N. Siegler<sup>1</sup>, T. Uribe-Leitz<sup>1</sup>, D. Siegler<sup>2</sup>, T. G. Weiser<sup>1</sup>, G. Yang<sup>1,3</sup> <sup>1</sup>Stanford University, General Surgery, Palo Alto, CA, USA <sup>2</sup>Santa Clara Valley Medical Center, Obstetrics And Gynecology, Santa Clara, CA, USA <sup>3</sup>Palo Alto VA Health Care System, General Surgery, Palo Alto, CALIFORNIA, USA

## 05.11. Cancer Registration in Resource-Limited Environments

**- Experience in Lagos, Nigeria.** M. Fatunmbi<sup>1,2</sup>, M. Masika<sup>1,2</sup>, A. Saunders<sup>2</sup>, C. Agbakwuru<sup>3</sup>, B. Chugani<sup>3</sup>, M. Jimoh<sup>3</sup>, O. Ilegbune<sup>3</sup>, A. Adewale<sup>3</sup>, O. Akinyemiju<sup>3</sup>, C. Nwogu<sup>1,2,3</sup> <sup>1</sup>State University Of New York At Buffalo, Buffalo, NY, USA <sup>2</sup>Roswell Park Cancer Institute, Buffalo, NY, USA <sup>3</sup>Lakeshore Cancer Center, Lagos, Nigeria

## 05.12. Treating Pediatric Hydrocephalus in Sub-Saharan Africa:

**Outcomes After Shunt Placement.** S. Scarlet<sup>1</sup>, J. Gallaher<sup>1</sup>, A. Charles<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Acute Care Surgery/General Surgery, Chapel Hill, NC, USA

## 05.13. The Effect of a Centralized Blood Banking Policy on Blood

**Product Availability in Sub-Saharan Africa.** J. R. Gallaher<sup>1</sup>, G. Mulima<sup>2</sup>, C. G. Shores<sup>1</sup>, A. G. Charles<sup>1,2</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA <sup>2</sup>Kamuzu Central Hospital, Surgery, Lilongwe, Malawi

## 05.14. Surgical Volume and Post-Operative Mortality Rate at a Referral Hospital in Western Uganda.

G. A. Anderson<sup>1,5</sup>, L. Ilcisin<sup>5</sup>, L. Abesiga<sup>4</sup>, R. Mayanja<sup>4</sup>, N. Portal Benetiz<sup>2</sup>, J. Ngonzi<sup>4</sup>, P. Kayima<sup>2</sup>, M. Shrim<sup>5</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA <sup>2</sup>Mbarara University Of Science And Technology, Surgery, Mbarara, WESTERN, Uganda <sup>3</sup>Harvard Medical School, Global Health And Social Change, Boston, MA, USA <sup>4</sup>Mbarara University Of Science And Technology, Obstetrics And Gynecology, Mbarara, WESTERN, Uganda <sup>5</sup>Harvard School Of Medicine, Global Health And Social Medicine, Brookline, MA, USA

## 05.15. Limitations to Laparoscopic Cholecystectomies in

**Guatemala.** T. D. Madni<sup>1</sup>, A. Ochoa<sup>2</sup>, C. Ortiz<sup>2</sup>, B. Mijangos<sup>2</sup>, J. B. Imran<sup>1</sup>, J. Herrejon<sup>1</sup>, S. Huerta<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA <sup>2</sup>Hospital Nacional De San Benito, Peten, Guatemala

## 05.16. Adult Trauma Mortality Characteristics: Pre-hospital versus

**In-hospital Deaths.** L. N. Purcell<sup>1</sup>, J. Gallaher<sup>1</sup>, B. Cairns<sup>1</sup>, A. Charles<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA

## 05.17. Global Initiative for Children's Surgery: Initial experience.

L. F. Goodman<sup>1</sup>, G. Jensen<sup>1</sup>, S. Greenberg<sup>6</sup>, K. Lakhoo<sup>7</sup>, E. Ameh<sup>10</sup>, D. Poenaru<sup>2</sup>, D. Ozgediz<sup>4</sup>, B. Ure<sup>8</sup>, K. Oldham<sup>5</sup>, D. Farmer<sup>1</sup>, S. Bickler<sup>3</sup> <sup>1</sup>University Of California - Davis, Surgery, Sacramento, CA, USA <sup>2</sup>McGill University, Pediatric Surgery, Montreal, QC, Canada <sup>3</sup>University Of California - San Diego, Pediatric Surgery, San Diego, CA, USA <sup>4</sup>Yale University School Of Medicine, Pediatric Surgery, New Haven, CT, USA <sup>5</sup>Children's Hospital Of Wisconsin, Milwaukee, WI, USA <sup>6</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA <sup>7</sup>John Radcliffe Children's Hospital Of Oxford, Oxford, OX, United Kingdom <sup>8</sup>Hannover Medical School, Pediatric Surgery, Hannover, NS, Germany <sup>9</sup>National Hospital, Pediatric Surgery, Abuja, Nigeria

## 05.18. Safety and Effectiveness of the Transverse Abdominal

**Plane Block in Low to Middle Income Countries.** A. J. Scholer<sup>1</sup>, A. Hashemi<sup>2,3</sup>, Z. C. Sifri<sup>1</sup>, M. Gajewski<sup>2</sup> <sup>3</sup>University Of Miami, Anesthesia, Miami, FL, USA <sup>1</sup>New Jersey Medical School, Surgery, Newark, NJ, USA <sup>2</sup>New Jersey Medical School, Anesthesiology, Newark, NJ, USA

## 05.19. Identifying essential components of surgical care delivery:

**An updated Hospital Assessment Tool.** Y. Lin<sup>1,2</sup>, N. Raykar<sup>1</sup>, S. Saluja<sup>1</sup>, S. Mukhopadhyay<sup>1</sup>, S. Sharma<sup>1</sup>, B. Frett<sup>1</sup>, S. Enumah<sup>1</sup>, J. Meara<sup>1</sup>, M. Shrim<sup>1</sup> <sup>1</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Brookline, MA, USA <sup>2</sup>University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA

## 05.20. Development of an Ultra Low-Cost Laparoscopic Platform

**for Global Surgery.** J. Ilangell<sup>1,2,3</sup>, R. Price<sup>2,4</sup>, J. Langell<sup>1,2,3</sup> <sup>1</sup>University Of Utah, Center for Medical Innovation, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>3</sup>University Of Utah, Department Of Bioengineering, Salt Lake City, UT, USA <sup>4</sup>Intermountain Healthcare, Department Of Surgery, Salt Lake City, UT, USA

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 06. CLINICAL/OUTCOMES: ONCOLOGY - PATIENT CENTERED OUTCOMES 1 QUICKSHOT

BRAHMS 4

#### MODERATORS: Carlton C. Barnett, MD & E. Ramsay Camp, MD

**06.01. Hospital Variation in Neoadjuvant Therapy for T1-2 Pancreatic Cancer: Short and Long-term Outcomes.** M. A. Healy<sup>1</sup>, S. Shubeck<sup>1</sup>, W. Burns<sup>1</sup>, T. L. Frankel<sup>1</sup>, H. Nathan<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**06.02. Novel MicroRNA Expression Patterns of Breast Cancer to Predict Survival.** T. Kawaguchi<sup>1</sup>, L. Yan<sup>2</sup>, Q. Qi<sup>2</sup>, S. Liu<sup>2</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Roswell Park Cancer Institute, Department Of Biostatistics & Bioinformatics, Buffalo, NY, USA

**06.03. Gene-expression Classifier Testing in the Management of Cytologically Indeterminate Thyroid Nodules..** M. Affi<sup>1</sup>, B. Javorsky<sup>1</sup>, T. Yen<sup>1</sup>, K. Doffek<sup>1</sup>, B. Hunt<sup>1</sup>, P. Tolat<sup>1</sup>, T. Carroll<sup>1</sup>, T. Giordano<sup>1</sup>, A. Carr<sup>1</sup>, D. Evans<sup>1</sup>, T. Wang<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA

**06.04. Oncologic Outcomes Associated with Robotic Pancreatic Resections.** P. Briceno<sup>1</sup>, R. Shridhar<sup>2</sup>, J. Huston<sup>1</sup>, S. Kucera<sup>2</sup>, K. Meredith<sup>1</sup> <sup>1</sup>Florida State University College Of Medicine/ Sarasota Memorial Health Care System, Gastrointestinal Oncology, Sarasota, FL, USA <sup>2</sup>Florida State University College Of Medicine, Endoscopic Oncology, Sarasota, FL, USA <sup>3</sup>University Of Central Florida, Radiation Oncology, Orlando, FL, USA

**06.05. Cancer Independently Worsens and Increases Variability of Short-term Surgical Outcomes.** I. L. Leeds<sup>1</sup>, J. E. Efron<sup>1</sup>, N. Ahuja<sup>1</sup>, E. R. Haut<sup>1</sup>, F. M. Johnston<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA

**06.06. Residual Lymph Node Metastasis After Initial Surgical Treatment Of Differentiated Thyroid Cancer.** O. Brown<sup>1</sup>, J. Miller<sup>1</sup>, N. Al-Attar<sup>1</sup>, G. Shaughnessy<sup>1</sup>, N. Rosculet<sup>1</sup>, A. Avram<sup>1</sup>, D. Hughes<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**06.07. The Prognostic Significance of Adrenocortical Carcinomas Identified Incidentally.** K. K. Rossfeld<sup>1</sup>, N. Saunders<sup>2</sup>, T. Tran<sup>13</sup>, Q. Duh<sup>9</sup>, J. Mansour<sup>8</sup>, S. Maithe<sup>2</sup>, C. Solorzano<sup>10</sup>, T. Wang<sup>4</sup>, J. Glenn<sup>4</sup>, E. Levine<sup>11</sup>, S. Weber<sup>6</sup>, A. Salem<sup>6</sup>, R. Fields<sup>5</sup>, G. Poultsides<sup>13</sup>, T. Pawlik<sup>1</sup>, J. Phay<sup>1</sup>, L. A. Shirley<sup>1</sup> <sup>1</sup>Ohio State University, Department Of Surgery, Columbus, OH, USA <sup>2</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA <sup>3</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>4</sup>Medical College Of Wisconsin, Department Of Surgery, Milwaukee, WI, USA <sup>5</sup>Washington University, Department Of Surgery, St. Louis, MO, USA <sup>6</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA <sup>7</sup>University Of California - San Diego, Department Of Surgery, San Diego, CA, USA <sup>8</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA <sup>9</sup>University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA <sup>10</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA <sup>11</sup>Wake Forest University School Of Medicine, Department Of Surgery, Winston-Salem, NC, USA <sup>12</sup>New York University School Of Medicine, Department Of Surgery, New York, NY, USA <sup>13</sup>Stanford University, Department Of Surgery, Palo Alto, CA, USA

**06.08. Compliance of Endocrine Therapy and Outcomes Following Lumpectomy Without Adjuvant Radiation .** M. G. Shah-Khan<sup>1</sup>, L. Woldanski<sup>1</sup>, A. L. Kong<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgical Oncology, Milwaukee, WI, USA

**06.09. Understanding Effects of Age Race & Socioeconomic Status on Outcomes in Patients with Colon Cancer.** O. O. Osuchukwu<sup>1</sup>, V. Pandit<sup>1</sup>, S. W. Mbugua<sup>1</sup>, J. Jandova<sup>1,2</sup>, A. Cruz<sup>1</sup>, V. N. Nfonso<sup>1</sup> <sup>1</sup>University Of Arizona, Surgery, Tucson, AZ, USA <sup>2</sup>University Of Arizona, Institute For Cellular Transplant, Tucson, 85724, USA

**06.10. Frailty as a Predictor of Acute Mortality among Stage IV Cancer Patients with Bowel Obstruction.** S. B. Bateni<sup>1</sup>, F. J. Meyers<sup>2</sup>, R. J. Bold<sup>1</sup>, A. R. Kirane<sup>1</sup>, D. J. Canter<sup>3</sup>, R. J. Canter<sup>1</sup> <sup>1</sup>University Of California - Davis, Surgical Oncology, Sacramento, CA, USA <sup>2</sup>University Of California - Davis, Hematology/Oncology, Sacramento, CA, USA <sup>3</sup>Ochsner Clinic, Urology, New Orleans, LOUISIANA, USA

**06.11. Impact of High-Risk Microscopic Features Among Patients with Resected Stage II Colon Cancer.** A. Ejaz<sup>2</sup>, L. Casadaban<sup>1</sup>, M. Kobialka<sup>1</sup>, A. V. Maker<sup>1</sup> <sup>1</sup>University Of Illinois At Chicago, Chicago, IL, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA

**06.12. Use Of Suprahepatic Occlusion Of The IVC For Resection Of HCC With Tumor Thrombus In The Hepatic Vein.** A. Li<sup>1</sup>, M. Wu<sup>1</sup> <sup>1</sup>Eastern Hepatobiliary Surgery Hospital, SMMU, Shanghai, SHANGHAI, China

**06.13. Surveillance strategies in the follow-up of melanoma patients: too much or not enough?** J. Kurtz<sup>2</sup>, G. Beasley<sup>1</sup>, K. Kendra<sup>1</sup>, T. Olencki<sup>1</sup>, A. Terando<sup>1</sup>, J. Howard<sup>1</sup>, D. Agnese<sup>1</sup> <sup>1</sup>Ohio State University, Surgical Oncology, Columbus, OH, USA <sup>2</sup>Doctor's Hospital, General Surgery, Columbus, OH, USA

**06.15. Renal Oncocytic Neoplasms; Observe, Excise or Ablate?.** J. R. Van Roo<sup>1</sup>, B. L. Miller<sup>1</sup>, T. J. Ziemlewicz<sup>2</sup>, S. L. Best<sup>1</sup>, S. A. Wells<sup>2</sup>, M. G. Lubner<sup>2</sup>, J. Hinshaw<sup>2</sup>, F. Shi<sup>1</sup>, F. T. Lee, Jr.<sup>2</sup>, S. Y. Nakada<sup>1</sup>, E. Abel<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Urology, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Department Of Radiology, Madison, WI, USA

**06.16. Survival of Rectal Carcinoids by Extent of Surgery: A National Analysis of 1,900 Patients.** B. Ezekian<sup>1</sup>, M. A. Adam<sup>1</sup>, B. F. Gilmore<sup>1</sup>, Z. Sun<sup>1</sup>, M. L. Cox<sup>1</sup>, M. C. Turner<sup>1</sup>, C. R. Mantyh<sup>1</sup>, J. Migaly<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA

**06.17. Utilization of External Beam Radiation in Differentiated Thyroid Cancer.** C. M. Kiernan<sup>1</sup>, A. A. Parikh<sup>1</sup>, C. C. Solorzano<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Nashville, TN, USA

**06.18. Evaluation of Molecular Profile in High Risk Class 2 Melanoma Dx Melanoma Patients.** M. Renzetti<sup>1</sup>, I. Soliman<sup>1</sup>, H. Wu<sup>1</sup>, B. Luo<sup>1</sup>, H. Liu<sup>1</sup>, A. Olszanski<sup>1</sup>, S. Movva<sup>1</sup>, M. Lango<sup>1</sup>, S. Reddy<sup>1</sup>, F. Zih<sup>1</sup>, J. M. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

**06.19. Rates and Trends in Utilization of Palliative Therapies for Stage IV Rectal Adenocarcinoma.** A. S. Kulaylat<sup>1</sup>, C. S. Hollenbeak<sup>1</sup>, D. B. Stewart<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Surgery, Hershey, PA, USA

**06.20. Sarcopenic obesity predicts poor outcome after hepatectomy for colorectal liver metastases .** B. J. Kim<sup>1</sup>, J. W. Denbo<sup>1</sup>, J. Ma<sup>2</sup>, G. Passot<sup>1</sup>, M. H. Katz<sup>1</sup>, Y. S. Chun<sup>1</sup>, C. Conrad<sup>1</sup>, J. Vauthey<sup>1</sup>, T. A. Aloia<sup>1</sup> <sup>1</sup>University Of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA <sup>2</sup>University Of Texas MD Anderson Cancer Center, Department Of Radiology, Houston, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Quick Shot Presentation Sessions I****07. CLINICAL/OUTCOMES: ONCOLOGY 1 QUICKSHOT**

CHOPIN 1

**MODERATORS: T. Clark Gamblin, MD & Steven C. Katz, MD****07.02. Young patients with Gastric Cancer: A National Cancer**

**Data Base Study.** I. Nassour<sup>1</sup>, A. A. Mokdad<sup>1</sup>, M. Khan<sup>1</sup>, J. C. Mansour<sup>1</sup>, A. C. Yopp<sup>1</sup>, R. M. Minter<sup>1</sup>, P. M. Polanco<sup>1</sup>, M. M. Augustine<sup>1</sup>, M. A. Choti<sup>1</sup>, S. C. Wang<sup>1</sup>, M. R. Porembka<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Division Of Surgical Oncology, Dallas, TX, USA

**07.03. \*JSS ABSTRACT Surgical Strategy of Hepatic Resection**

**with Inferior Vena Cava Resection for Liver Cancers.** T. Ochiai<sup>1</sup>, D. Asano<sup>1</sup>, J. Yoshino<sup>1</sup>, S. Watanabe<sup>1</sup>, Y. Ishikawa<sup>1</sup>, N. Chiyonobu<sup>1</sup>, Y. Mizuno<sup>1</sup>, T. Sato<sup>1</sup>, H. Ueda<sup>1</sup>, Y. Iwao<sup>1</sup>, H. Ono<sup>1</sup>, Y. Mitsunori<sup>1</sup>, S. Matsumura<sup>1</sup>, D. Ban<sup>1</sup>, A. Kudo<sup>1</sup>, S. Tanaka<sup>2</sup>, M. Tanabe<sup>1</sup> <sup>1</sup>Tokyo Medical And Dental University, Department Of Hepato-Biliary And Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan <sup>2</sup>Tokyo Medical And Dental University, Department Of Molecular Oncology, Bunkyo-ku, Tokyo, Japan

**07.04. National Trends in Surgical Decision-Making for Early-Stage Esophageal Cancer.**

E. C. Sturm<sup>3</sup>, W. E. Zahnd<sup>3</sup>, J. D. Mellinger<sup>3</sup>, S. Ganai<sup>3</sup> <sup>1</sup>Southern Illinois University, Department Of Surgery, Springfield, IL, USA <sup>2</sup>Southern Illinois University, Center For Clinical Research, Springfield, IL, USA <sup>3</sup>Southern Illinois University School Of Medicine, Department Of Surgery, Springfield, IL, USA

**07.05. Utility of CT Imaging in a Novel Form of High-Dose-Rate**

**Intraoperative Breast Radiation Therapy.** T. Hassinger<sup>1</sup>, K. Rea<sup>1</sup>, A. Schroen<sup>1</sup>, D. Brenin<sup>1</sup>, A. Berger<sup>2</sup>, B. Libby<sup>3</sup>, T. Showalter<sup>3</sup>, S. Showalter<sup>1</sup> <sup>1</sup>University Of Virginia, Department Of Surgery, Division Of Surgical Oncology, Charlottesville, VIRGINIA, USA <sup>2</sup>Thomas Jefferson University, Department Of Surgery, Philadelphia, PENNSYLVANIA, USA <sup>3</sup>University Of Virginia, Department Of Radiation Oncology, Charlottesville, VIRGINIA, USA

**07.06. Directed Shave Margins in Breast-Conserving Surgery: Accuracy of Intraoperative Surgeon Assessment.**

J. Yu<sup>1</sup>, J. Yu<sup>1</sup>, L. C. Elmore<sup>1</sup>, A. E. Cyr<sup>1</sup>, J. A. Margenthaler<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA

**07.07. Clinical Relevance of MicroRNAs in Breast Cancer**

**Using TCGA .** S. Y. Kim<sup>1</sup>, T. Kawaguchi<sup>1</sup>, L. Yan<sup>2</sup>, Q. Qi<sup>2</sup>, S. Liu<sup>2</sup>, J. Young<sup>1</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Roswell Park Cancer Institute, Biostatistics And Bioinformatics, Buffalo, NY, USA

**07.08. Better Outcomes for Surgical Resection of Pancreatic Cancer in Academic versus Nonacademic Centers.**

O. Moaven<sup>1</sup>, J. M. Richman<sup>1</sup>, S. Reddy<sup>1</sup>, T. M. Wang<sup>1</sup>, C. M. Contreras<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Department Of Surgery, Birmingham, AL, USA

**07.09. OMISSION OF RADIOTHERAPY IN THE U.S. AFTER BREAST CONSERVATION IN THE POST-NEOADJUVANT SETTING..**

A. C. Esposito<sup>1</sup>, J. L. Crawford<sup>2</sup>, E. R. Sigurdson<sup>2</sup>, E. Handorf<sup>4</sup>, R. J. Bleicher<sup>2</sup> <sup>1</sup>Lewis Katz School Of Medicine At Temple University, Philadelphia, PA, USA <sup>2</sup>Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA <sup>4</sup>Fox Chase Cancer Center, Biostatistics, Philadelphia, PA, USA

**07.10. Modified Frailty Index Predicts Postoperative Outcomes in**

**Older Gastrointestinal Cancer Patients.** S. Vermillion<sup>2</sup>, F. Hsu<sup>3</sup>, R. Dorrell<sup>2</sup>, C. Clark<sup>1</sup> <sup>1</sup>Wake Forest Baptist Health, Department Of Surgery, Winston Salem, NORTH CAROLINA, USA <sup>2</sup>Wake Forest University School Of Medicine, Winston Salem, NORTH CAROLINA, USA <sup>3</sup>Wake Forest University School Of Medicine, Public Health Sciences, Winston Salem, NC, USA

**07.11. The Negative Impact of Understaging Rectal Cancer**

**Patients.** A. M. Dinaux<sup>1,2</sup>, R. Amri<sup>1,2</sup>, L. Bordeianou<sup>1,2</sup>, H. Kunitake<sup>1,2</sup>, D. L. Berger<sup>1,2</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA <sup>2</sup>Harvard School Of Medicine, Surgery, Brookline, MA, USA

**07.12. Factors Associated with Burden of Anal Condyloma and**

**Need for Operative Intervention .** H. Foss<sup>1</sup>, C. Y. Peterson<sup>1</sup>, K. A. Ludwig<sup>1</sup>, T. J. Ridolfi<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Colorectal Surgery, Milwaukee, WI, USA

**07.13. Response to Neoadjuvant Radiation Does Not Effect Survival of Patients with Esophageal Adenocarcinoma.**

M. Waldrop<sup>1</sup>, J. Swords<sup>1</sup>, R. J. Cerfolio<sup>1</sup>, C. M. Contreras<sup>1</sup>, M. J. Heslin<sup>1</sup>, T. N. Wang<sup>1</sup>, S. Reddy<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgical Oncology, Birmingham, Alabama, USA

**07.14. Impact of Complications on Length of Stay in Elective**

**Laparoscopic Colectomies for Malignancy.** M. M. Mrdutt<sup>2</sup>, C. Shaver<sup>2</sup>, C. Isbell<sup>2</sup>, R. Essani<sup>2</sup>, R. Warrier<sup>2</sup>, J. S. Thomas<sup>2</sup>, H. T. Papaconstantinou<sup>2</sup> <sup>2</sup>Scott & White Healthcare, Temple, Texas, USA

**07.15. Measuring Complete Response After Neoadjuvant Therapy for Rectal Cancer: Do X's Really Equal 0's?**

C. T. Ellis<sup>1</sup>, K. B. Stitzenberg<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA

**07.16. Outpatient vs. Inpatient Mastectomy: An Analysis of**

**Patient Factors in U.S. Women with Breast Cancer.** J. Yu<sup>1</sup>, M. Rendulic<sup>2</sup>, M. A. Olsen<sup>2</sup>, A. E. Cyr<sup>1</sup>, J. A. Margenthaler<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA <sup>2</sup>Washington University, Medicine, St. Louis, MO, USA

**07.17. Comparing Perioperative Chemotherapy to Endocrine**

**Treatment in Breast Cancer Patients : A Meta-analysis.** H. Foong<sup>1</sup>, Y. Cheng<sup>1</sup>, D. Yakoub<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Surgical Oncology At Department Of Surgery, Miami, FL, USA

**07.18. Defining Treatment Paradigms for High-Grade Gastro-**

**enteropancreatic Neuroendocrine Tumors.** R. L. Guyton Jr<sup>1</sup>, M. W. McMullen<sup>2</sup>, C. S. Lea<sup>2</sup>, J. Brinkley<sup>2,3</sup>, C. Mosquera<sup>1</sup>, T. L. Fitzgerald<sup>1</sup> <sup>1</sup>East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA <sup>2</sup>East Carolina University Brody School Of Medicine, Department Of Public Health, Greenville, NC, USA <sup>3</sup>American Institutes For Research, Chapel Hill, NC, USA

**07.19. Molecular Profiling and Primary Location of Melanoma:**

**Experience at an NCI-designated Cancer Center.** J. Lou<sup>1</sup>, M. Renzetti<sup>1</sup>, I. Soliman<sup>1</sup>, H. Wu<sup>1</sup>, B. Luo<sup>1</sup>, A. J. Olszanski<sup>1</sup>, S. Movva<sup>1</sup>, M. Lango<sup>1</sup>, S. Reddy<sup>1</sup>, F. Zih<sup>1</sup>, J. M. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 08. CLINICAL/OUTCOMES: PEDIATRICS - PATIENT CENTERED OUTCOMES 1 QUICKSHOT

CHOPIN 2

**MODERATORS: Christopher P. Gayer, MD & Tamarah Westmoreland, MD, PhD**

**08.01. Congenital Portosystemic Shunts: To Close or Not to Close?** N. M. Corbitt<sup>1</sup>, D. Hanto<sup>1</sup>, C. Baron<sup>1</sup>, P. Bream<sup>1</sup>, L. Gillis<sup>1</sup>, N. Wallace<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Nashville, TN, USA

**08.02. Cutaneous Melanoma in Children, Adolescents and Adults: An Outcomes Study Involving 326,278 Patients.** C. S. Lau<sup>1,2</sup>, K. Kulkarni<sup>2</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA <sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada <sup>3</sup>Rutgers University, Surgery, Newark, NEW JERSEY, USA

**08.03. Imaging For Acute Appendicitis at Non-Pediatric Centers Exposes Children to Excess Radiation.** F. O. Badru<sup>1</sup>, Y. Puckett<sup>1</sup>, N. Piening<sup>1</sup>, A. To<sup>1</sup>, P. Xu<sup>1</sup>, C. Fitzpatrick<sup>1</sup>, K. Chatoorgoon<sup>1</sup>, G. Villalona<sup>1</sup>, J. Greenspon<sup>1</sup> <sup>1</sup>St. Louis University, Pediatric Surgery, St. Louis, MO, USA

**08.04. Optimal Timing of Cholecystectomy in Children with Gallstone Pancreatitis.** F. O. Badru<sup>1</sup>, Y. Puckett<sup>1</sup>, R. Breeden<sup>1</sup>, M. Bourdillon<sup>1</sup>, C. Fitzpatrick<sup>1</sup>, K. Chatoorgoon<sup>1</sup>, J. Greenspon<sup>1</sup>, D. Vane<sup>1</sup>, G. Villalona<sup>1</sup> <sup>1</sup>St. Louis University, Pediatric Surgery, St. Louis, MO, USA

**08.06. Teenage Trauma Patients are at Increased Risk of 30-day Readmission For Mental Disorders.** J. Parreco<sup>1</sup>, A. Payson<sup>1</sup>, S. Scurci<sup>1</sup>, J. Tashiro<sup>1</sup>, J. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Miami, FL, USA

**08.07. Establishing Ventilatory Management in Neonates with Congenital Diaphragmatic Hernia.** S. M. Cruz<sup>1</sup>, S. E. Horne<sup>1</sup>, O. O. Olutoye<sup>1</sup>, P. E. Lau<sup>1</sup>, T. C. Lee<sup>1</sup>, C. J. Fernandes<sup>2</sup>, J. M. Adams<sup>2</sup>, S. E. Welty<sup>2</sup>, J. R. Kaiser<sup>2</sup>, C. J. Rhee<sup>2</sup>, D. L. Cass<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Pediatric Surgery, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Neonatology, Houston, TX, USA

**08.09. The Effect of Level-of-Care on Gastroschisis Outcomes, Independent of Surgical Volume.** J. C. Apfeld<sup>1</sup>, Z. J. Kasten-berg<sup>1,5</sup>, K. G. Sylvester<sup>1,2,3,4</sup>, H. C. Lee<sup>3,4</sup> <sup>1</sup>Stanford University School Of Medicine, Department Of Surgery, Palo Alto, CA, USA <sup>2</sup>Stanford University School Of Medicine, Center For Maternal And Fetal Health, Lucile Packard Children's Hospital, Palo Alto, CA, USA <sup>3</sup>Stanford University School Of Medicine, Department Of Pediatrics, Palo Alto, CA, USA <sup>4</sup>Stanford University, California Perinatal Quality Care Collaborative (CPQCC), Palo Alto, CA, USA <sup>5</sup>Stanford University School Of Medicine, Center For Health Policy/Center For Primary Care And Outcomes Research, Stanford, CA, USA

**08.10. Predictors and Outcome for Fetuses with Neck Masses.** C. C. Style<sup>3</sup>, S. M. Cruz<sup>3</sup>, O. O. Olutoye<sup>2,3,5</sup>, P. Lau<sup>3</sup>, D. A. Lazar<sup>3,5</sup>, T. C. Lee<sup>3,5</sup>, R. Ruano<sup>2,6</sup>, S. E. Welty<sup>4,6</sup>, S. Keswani<sup>3,5</sup>, D. L. Cass<sup>3,5</sup> <sup>1</sup>Texas Children's Hospital, Micheal E. DeBaKey Department Of Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Obstetrics And Gynecology, Houston, TX, USA <sup>3</sup>Baylor College Of Medicine, Micheal E. DeBaKey Department Of Surgery, Houston, TX, USA <sup>4</sup>Texas Children's Hospital, Pediatrics - Newborn Section, Houston, TX, USA <sup>5</sup>Texas Children's Hospital, Fetal Center, Houston, TX, USA <sup>6</sup>Baylor College Of Medicine, Houston, TX, USA

**08.11. Controversies in the Management of Neonatal Testicular Torsion: A Meta-analysis.** C. Monteilh<sup>2</sup>, R. Calixte<sup>2</sup>, S. Burjonrappa<sup>1,2</sup> <sup>1</sup>Montefiore Medical Center, Surgery/Pediatric Surgery, Bronx, NY, USA <sup>2</sup>Winthrop University Hospitals, Surgery/Pediatric Surgery, Mineola, NY, USA

**08.12. Mortality After Emergency Abdominal Operations in Premature Infants.** S. B. Cairo<sup>2</sup>, B. Tabak<sup>1,2</sup>, L. Berman<sup>4</sup>, S. K. Berkelhamer<sup>3</sup>, D. H. Rothstein<sup>1,2</sup> <sup>1</sup>State University Of New York At Buffalo, Pediatric Surgery, Buffalo, NY, USA <sup>2</sup>Women And Children's Hospital Of Buffalo, Pediatric Surgery, Buffalo, NY, USA <sup>3</sup>Women And Children's Hospital Of Buffalo, Neonatology, Buffalo, NY, USA <sup>4</sup>Nemours Alfred I. DuPont Hospital For Children, Pediatric Surgery, Wilmington, DE, USA

**08.13. Weekend vs. Weekday Appendectomy, Effects on Outcomes: A Propensity Score Matched Outcomes Study.** J. Tashiro<sup>1</sup>, E. A. Perez<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA

**08.14. Pre-operative concerns before elective pediatric surgery: The parental perspective.** R. Wright<sup>1</sup>, C. Mueller<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA

**08.15. Analysis of Water Sports Injuries Admitted to a Pediatric Trauma Center: A 13-year Experience.** D. B. Horkan<sup>2</sup>, M. L. Bandean<sup>1</sup>, J. E. Sola<sup>1</sup>, C. A. Karcutskie<sup>2</sup>, C. J. Allen<sup>2</sup>, E. A. Perez<sup>1</sup>, E. B. Lineen<sup>1</sup>, A. R. Hogan<sup>1</sup>, H. L. Neville<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, Miami, FLORIDA, USA <sup>2</sup>Ryder Trauma Center, Holtz Children's Hospital, Division Of Pediatric Surgery, Miami, FLORIDA, USA

**08.16. Outcomes for Thoracoscopic Versus Open Repair of Small-Moderate Congenital Diaphragmatic Hernias.** C. N. Criss<sup>1</sup>, M. A. Coughlin<sup>2</sup>, N. Matsuko<sup>3</sup>, S. K. Gadepalli<sup>1</sup> <sup>1</sup>C.S. Mott Children's Hospital, Pediatric Surgery, Ann Arbor, MI, USA <sup>2</sup>Henry Ford Health System, General Surgery, Detroit, MI, USA <sup>3</sup>University Of Michigan Health System, General Surgery, Ann Arbor, MI, USA

**08.17. Perioperative Blood Transfusion and Complication Risk in Children Undergoing Resection of Solid Tumors.** D. O. Gonzalez<sup>1</sup>, J. N. Cooper<sup>1</sup>, E. Kelly<sup>2</sup>, P. C. Minneci<sup>1</sup>, K. J. Deans<sup>1</sup>, J. H. Aldrink<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA <sup>2</sup>Ohio State University, College Of Medicine, Columbus, OH, USA

**08.18. Pediatric Gastrostomy Tubes and Techniques: Making Safer and Cleaner Choices.** B. Carr<sup>1</sup>, C. Sutherland<sup>1</sup>, K. Biddle<sup>1</sup>, M. Jarboe<sup>1</sup>, S. Gadepalli<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**08.19. Age at Diagnosis Correlates with Outcomes of Patients with Ovarian Yolk Sac Tumors.** A. Waters<sup>1</sup>, I. Maizlin<sup>1</sup>, K. Gow<sup>2</sup>, M. Langer<sup>5</sup>, M. Goldfarb<sup>3</sup>, J. Nuchtern<sup>4</sup>, S. Vasudevan<sup>4</sup>, A. Goldin<sup>2</sup>, M. Ravul<sup>7</sup>, J. Doski<sup>6</sup>, E. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Pediatric Surgery, Birmingham, AL, USA <sup>2</sup>University Of Washington, Surgery, Seattle, WA, USA <sup>3</sup>Providence Saint John's Health Center, Surgery, Santa Monica, CA, USA <sup>4</sup>Baylor College Of Medicine, Surgery, Houston, TX, USA <sup>5</sup>Maine Medical Center, Surgery, Portland, ME, USA <sup>6</sup>University Of Texas Health Science Center At San Antonio, Surgery, San Antonio, TX, USA <sup>7</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA

**08.20. The Surgical Treatment Of Graves' Disease in the Pediatric Population.** B. C. James<sup>1</sup>, M. Landman<sup>3</sup>, R. Danforth<sup>2</sup>, W. Bennett<sup>4</sup> <sup>1</sup>Indiana University, Endocrine Surgery/Surgery/School Of Medicine, Indianapolis, IN, USA <sup>2</sup>Indiana University, Plastic Surgery/Surgery/School Of Medicine, Indianapolis, IN, USA <sup>3</sup>Indiana University, Pediatric Surgery/Surgery/School Of Medicine, Indianapolis, IN, USA <sup>4</sup>Indiana University, Pediatric Gastroenterology/Pediatrics/School Of Medicine, Indianapolis, IN, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Quick Shot Presentation Sessions I****09. CLINICAL/OUTCOMES: PEDIATRICS 1 QUICKSHOT**

CHOPIN 3

**MODERATORS: Reto Baertschiger, MD, PhD & Sanjay Krishnaswami, MD****09.01. Members of the American Pediatric Surgical Association Demonstrate Career-Long Academic Productivity.**

D. P. Milgrom<sup>1</sup>, H. Abduljabar<sup>2</sup>, B. Kiel<sup>2</sup>, N. Valsangkar<sup>1</sup>, L. G. Koniaris<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA <sup>2</sup>Indiana University School Of Medicine, Indianapolis, IN, USA

**09.02. Influence of Discharge Timing and Diagnosis on Outcomes of Pediatric Laparoscopic Cholecystectomy.**

S. B. Cairo<sup>1</sup>, D. H. Rothstein<sup>1,2</sup> <sup>1</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA <sup>2</sup>State University Of New York At Buffalo, Department Of Surgery, Buffalo, NY, USA

**09.03. Viscoelastic Monitoring in Pediatric Trauma: A Survey of Pediatric Trauma Society Members.**

R. T. Russell<sup>1</sup>, I. I. Maizlin<sup>1</sup>, A. M. Vogel<sup>2</sup> <sup>1</sup>University Of Alabama At Birmingham, Children's Of Alabama, Department Of General Surgery, Division Of Pediatric Surgery, Birmingham, AL, USA <sup>2</sup>Washington University, St. Louis Children's Hospital, Department Of General Surgery, Division Of Pediatric Surgery, St. Louis, MO, USA

**09.04. Patient and provider factors associated with ultrasound visualization in pediatric appendicitis.**

B. L. Vey<sup>1</sup>, H. E. Arnold<sup>1</sup>, R. P. Cutts<sup>1</sup>, A. U. Patel<sup>1</sup>, C. Travers<sup>3</sup>, J. Loewen<sup>2</sup>, K. Braithwaite<sup>2</sup>, K. E. Applegate<sup>2</sup>, K. Heiss<sup>1</sup>, M. V. Raval<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Division Of Pediatric Surgery, Department Of Surgery, Atlanta, GA, USA <sup>2</sup>Emory University School Of Medicine, Division Of Pediatric Radiology, Department Of Radiology And Imaging Sciences, Atlanta, GA, USA <sup>3</sup>Emory University School Of Medicine, Department Of Pediatrics, Atlanta, GA, USA

**09.05. Socioeconomic Status Affects Time to Treatment of Pediatric Well-Differentiated Thyroid Cancer.**

E. F. Garner<sup>1</sup>, I. I. Maizlin<sup>1</sup>, K. W. Gow<sup>2</sup>, M. Goldfarb<sup>3</sup>, M. Langer<sup>4</sup>, M. V. Raval<sup>5</sup>, J. G. Nuchtern<sup>6</sup>, S. A. Vasudevan<sup>6</sup>, J. J. Doski<sup>7</sup>, A. B. Goldin<sup>2</sup>, E. A. Beierle<sup>1</sup> <sup>3</sup>John Wayne Cancer Institute/Providence St. John's Medical Center, Department Of Surgery, Santa Monica, CA, USA <sup>4</sup>Maine Medical Center, Division Of Pediatric Surgery, Portland, ME, USA <sup>5</sup>Emory University School Of Medicine, Division Of Pediatric Surgery/Department Of Surgery, Atlanta, GA, USA <sup>6</sup>Baylor College Of Medicine, Division Of Pediatric Surgery/Department Of Surgery, Houston, TX, USA <sup>7</sup>University Of Texas Health Science Center At San Antonio, San Rosa Children's Hospital, Division Of Pediatric Surgery/Department Of Surgery, San Antonio, TX, USA <sup>1</sup>University Of Alabama, Division Of Pediatric Surgery/Department Of Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Washington, Division Of Pediatric Surgery/Department Of Surgery, Seattle, WA, USA

**09.06. Venous Thromboembolism in Pediatric Trauma: More Thrombus Than Embolism?.**

C. M. Schneider<sup>1</sup>, M. Jackson<sup>1</sup>, M. Harting<sup>1</sup>, B. Cotton<sup>1</sup>, C. Cox<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA

**09.07. Pediatric Falls in the Greater Los Angeles Area: Targeting Populations for Injury Prevention.**

J. A. Zagory<sup>1</sup>, M. Mallicote<sup>1</sup>, H. Arbogast<sup>1</sup>, J. Upperman<sup>1</sup>, M. Fenlon<sup>1</sup>, A. Jensen<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Surgery, Los Angeles, CA, USA

**09.08. Geographic Variation in Prompt Access to Care for Children Involved in Motor Vehicle Crashes.**

L. L. Wolf<sup>1,2</sup>, R. Chowdhury<sup>1</sup>, J. Tweed<sup>3</sup>, L. Vinson<sup>3</sup>, E. Losina<sup>4</sup>, A. H. Haider<sup>1,2</sup>, F. G. Qureshi<sup>3,5</sup> <sup>1</sup>Center For Surgery And Public Health, Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Brigham And Women's Hospital, Division Of Trauma, Burns, And Surgical Critical Care, Boston, MA, USA <sup>3</sup>Children's Medical Center Of Dallas, Part Of Children's Health, Dallas, TX, USA <sup>4</sup>Orthopaedic And Arthritis Center For Outcomes Research, Brigham And Women's Hospital, Department Of Orthopedic Surgery, Boston, MA, USA <sup>5</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA

**09.09. Trends in Neonatal Surgical Outcomes in Children's Versus Non-Children's Hospitals.**

H. L. Short<sup>1</sup>, A. Savinkina<sup>1</sup>, R. M. Patel<sup>2</sup>, M. V. Raval<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Pediatric Surgery, Atlanta, GA, USA <sup>2</sup>Emory University School Of Medicine, Neonatology, Atlanta, GA, USA

**09.10. Factors Influencing Replacing an Infected Central Line Catheter in Children.**

M. M. Nourian<sup>1</sup>, A. L. Schwartz<sup>1</sup>, A. Stevens<sup>1</sup>, E. R. Scaife<sup>1</sup>, B. T. Bucher<sup>1</sup> <sup>1</sup>University Of Utah, Division Of Pediatric Surgery, Salt Lake City, UT, USA

**09.11. Evaluation of Postoperative Fever in Children.**

K. S. Corkum<sup>1</sup>, J. E. Grabowski<sup>1</sup>, C. J. Hunter<sup>1</sup>, T. B. Lautz<sup>1</sup> <sup>1</sup>Ann & Robert H. Lurie Children's Hospital Of Chicago, Division Of Pediatric Surgery/Department Of Surgery, Chicago, IL, USA

**09.12. Exploring Regional Variability in Utilization of Antireflux Surgery in Children.**

H. L. Short<sup>1</sup>, W. Zhu<sup>1</sup>, C. McCracken<sup>2</sup>, C. Travers<sup>2</sup>, L. Waller<sup>1</sup>, M. V. Raval<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Pediatric Surgery, Atlanta, GA, USA <sup>2</sup>Emory University School Of Medicine, Pediatrics, Atlanta, GA, USA

**09.13. Cardiovascular Risk Factors In Long-term Pediatric Burn Survivors.**

G. Hundeshagen<sup>1,4</sup>, R. P. Clayton<sup>1,4</sup>, V. N. Collins<sup>3</sup>, D. N. Herndon<sup>1,4</sup>, L. K. Branski<sup>1,4</sup>, M. P. Kinsky<sup>2</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA <sup>2</sup>University Of Texas Medical Branch, Anesthesiology, Galveston, TX, USA <sup>3</sup>University Of Texas Medical Branch, School Of Medicine, Galveston, TX, USA <sup>4</sup>Shriners Hospitals For Children, Galveston, Galveston, TX, USA

**09.14. Bariatric Surgery in Adolescents: Factors Contributing to Type of Surgery and Treatment Cost.**

O. Nunez Lopez<sup>1</sup>, D. Jupiter<sup>2</sup>, D. Adhikari<sup>2</sup>, R. S. Radhakrishnan<sup>1,3</sup>, K. A. Bowen-Jallow<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA <sup>2</sup>University Of Texas Medical Branch, Preventive Medicine And Community Health, Galveston, TX, USA <sup>3</sup>University Of Texas Medical Branch, Pediatrics, Galveston, TX, USA

**09.15. Non-Accidental Burns in Kids: What Are the Risk Factors?.**

R. P. Barker<sup>1</sup>, K. B. Savoie<sup>2</sup>, R. C. Passaro<sup>1</sup>, J. W. Eubanks<sup>2</sup>, R. F. Williams<sup>2</sup> <sup>1</sup>University Of Tennessee Health Science Center, College Of Medicine, Memphis, TN, USA <sup>2</sup>University Of Tennessee Health Science Center, Department Of General Surgery And Pediatrics, Memphis, TN, USA

**09.16. Postoperative Complications in Children with Congenital Malformations – A NSQIP-Pediatric Analysis.**

C. L. Kvasnovsky<sup>1</sup>, J. Salazar<sup>1</sup>, J. Y. Chun<sup>1</sup> <sup>1</sup>University Of Maryland Medical Center, Department Of Surgery, Baltimore, MD, USA

**09.17. Factors affecting Complications in Tunnelled line Placement in Children.**

N. Laconi<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Gainesville, FL, USA

**09.18. Impact of Insurance and Economic status on care for Pyloric Stenosis.**

K. M. Herremans<sup>1</sup>, A. Yohann<sup>1</sup>, J. A. Taylor<sup>1</sup>, S. D. Larson<sup>1</sup>, D. Solomon<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Pediatric Surgery, Gainesville, FL, USA

**09.19. Safety of Peri-operative Ketorolac Administration in Pediatric Appendectomy.**

R. M. Dorman<sup>1,2</sup>, H. Naseem<sup>2</sup>, G. Ventro<sup>1,2</sup>, D. H. Rothstein<sup>1,2</sup>, K. Vali<sup>1,2</sup> <sup>1</sup>State University Of New York At Buffalo, Department Of Surgery, Buffalo, NY, USA <sup>2</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA

**09.20. Misdiagnosing Pediatric Appendicitis: Clinical, Economic, and Socioeconomic Implications.**

G. Dubrovsky<sup>2</sup>, J. Rouch<sup>2</sup>, N. Huynh<sup>2</sup>, S. Friedlander<sup>1</sup>, Y. Lu<sup>1</sup>, S. L. Lee<sup>1,2</sup> <sup>1</sup>Harbor-UCLA, Surgery And Pediatrics, Torrance, CA, USA <sup>2</sup>UCLA, Surgery And Pediatrics, Los Angeles, CA, USA

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 10. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - QUALITY OF CARE QUICKSHOT

CHOPIN 4

**MODERATORS: Bellal Joseph, MD & Joseph V. Sakran, MD, MPH**

**10.01. ~-Simulation Based Testing of Operative Distractions during Laparoscopic Cholecystectomies.** J. Sujka<sup>1</sup>, W. Havron<sup>1</sup>, K. Safcsak<sup>1</sup>, I. Bhullar<sup>1</sup> <sup>1</sup>Orlando Regional Medical Center, Department Of Surgical Education, Orlando, FL, USA

**10.02. Post-Anticipated Discharge Length of Stay: An Actionable Target for Quality Improvement in Trauma.** Z. G. Hashmi<sup>1</sup>, K. Florecki<sup>1</sup>, B. Covey<sup>1</sup>, D. Codling<sup>1</sup>, K. Sweeney<sup>1</sup>, L. Smith<sup>1</sup>, T. McNay<sup>1</sup>, H. Park<sup>1</sup> <sup>1</sup>Sinai Hospital Of Baltimore, Department Of Surgery, Baltimore, MD, USA

**10.03. Impact of Triage Guidelines on Pre-hospital Triage Errors.** P. P. Parikh<sup>1</sup>, P. J. Parikh<sup>4</sup>, B. Guthrie<sup>4</sup>, L. Mamer<sup>4</sup>, M. Whitmill<sup>1</sup>, T. Erskine<sup>2</sup>, R. Woods<sup>1</sup>, J. Saxe<sup>3</sup> <sup>1</sup>Wright State University, Department Of Surgery, Dayton, OH, USA <sup>2</sup>Ohio Department Of Public Safety, Emergency Medical Services, Columbus, OH, USA <sup>3</sup>Marian University, Surgery, Indianapolis, IN, USA <sup>4</sup>Wright State University, Department Of Biomedical Industrial, And Human Factors Engineering, Dayton, OH, USA

**10.04. Police Transport of Bluntly Injured Trauma Patients in Philadelphia, 2006-2015.** C. E. Sharoky<sup>2</sup>, E. J. Kaufman<sup>2</sup>, S. F. Jacoby<sup>2</sup>, P. M. Reilly<sup>2</sup>, D. N. Holena<sup>2</sup> <sup>2</sup>Hospital Of The University Of Pennsylvania, Traumatology, Surgical Critical Care And Emergency Surgery, Philadelphia, PA, USA

**10.05. Key findings from a prospective trauma registry at a Regional Hospital in Southwest Cameroon.** O. C. Nwanna-Nzewunwa<sup>1</sup>, A. C. Mefire<sup>2,3</sup>, V. V. Siysi<sup>2,3</sup>, I. Feldhaus<sup>1</sup>, R. A. Dicker<sup>1</sup>, C. Juillard<sup>1</sup> <sup>1</sup>University Of California - San Francisco, Center For Global Surgical Studies, San Francisco, CA, USA <sup>2</sup>University Of Buea, Faculty Of Health Sciences, Buea, , Cameroon <sup>3</sup>Regional Hospital Limbe, Limbe, , Cameroon

**10.06. Temporal Variations in Pediatric Trauma: Rationale for Altered Resource Utilization.** E. Groh<sup>1</sup>, P. Feingold<sup>2</sup>, B. Hashimoto<sup>3</sup>, L. McDuffie<sup>1</sup>, T. Markel<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA <sup>2</sup>National Cancer Institute, Bethesda, MD, USA <sup>3</sup>American University Of Sharjah, Sharjah, , United Arab Emirates

**10.07. Vacuum-Assisted Fascial Closure- Continued Success With Decreased Time to Closure.** A. N. Hildreth<sup>1</sup>, P. R. Miller<sup>1</sup>, M. C. Chang<sup>1</sup>, F. Marayati<sup>2</sup>, J. W. Meredith<sup>1</sup> <sup>1</sup>Wake Forest University School Of Medicine, Department Of Surgery, Winston-Salem, NC, USA <sup>2</sup>Princeton University, Princeton, NJ, USA

**10.08. Maldistribution of Trauma Centers: Impact on Patient Care and Resource Utilization .** P. J. Parikh<sup>1</sup>, B. Guthrie<sup>1</sup>, T. Erskine<sup>2</sup>, M. McCarthy<sup>1</sup>, P. P. Parikh<sup>1</sup> <sup>1</sup>Wright State University, Dayton, OH, USA <sup>2</sup>Ohio Department Of Public Safety, Emergency Medical Services, Columbus, OH, USA

**10.09. Trauma Patients Meeting Both CDC Definitions for VAP Had Worse Outcomes Than Those Meeting Only One. .** D. Younan<sup>1</sup>, R. Griffin<sup>1</sup>, T. Swain<sup>1</sup>, B. Camins<sup>2</sup> <sup>1</sup>University Of Alabama at Birmingham, Acute Care/ Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama at Birmingham, Infectious Diseases/ Medicine, Birmingham, Alabama, USA

**10.10. Repeat Computed Tomography After Intracranial Bleeding Is Not Needed In Patients Taking Aspirin.** M. Lew<sup>1</sup>, W. Snyder<sup>1</sup>, B. Daley<sup>1</sup> <sup>1</sup>University Of Tennessee Medical Center - Knoxville, Surgery, Knoxville, TN, USA

**10.11. Time of Day Is Not Associated with the Performance of Damage Control Laparotomy in Trauma Patients.** K. Asi<sup>1</sup>, M. George<sup>1</sup>, M. D. Swartz<sup>1</sup>, M. McNutt<sup>1</sup>, L. Moore<sup>1</sup>, C. Wade<sup>1</sup>, B. Cotton<sup>1</sup>, J. Holcomb<sup>1</sup>, J. Harvin<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Surgery, Division Of Acute Care Surgery, Houston, TX, USA

**10.12. INFLUENCE OF HEMOSTATIC RESUSCITATION ON THE RATE OF DAMAGE CONTROL LAPAROTOMIES.** N. W. Kugler<sup>1</sup>, T. Spees<sup>1</sup>, C. Pinkerton<sup>1</sup>, J. Paul<sup>2</sup>, O. Kaslow<sup>1</sup>, E. Hanko<sup>1</sup>, T. Carver<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA <sup>2</sup>University Of New Mexico HSC, Albuquerque, NM, USA

**10.13. Influence of Pain Regimen on Pain Scores and Length of Stay on Blunt Thoracic Trauma Patients.** L. Williams<sup>1</sup>, C. Talley<sup>1</sup>, D. Davenport<sup>1</sup>, K. Brumagen<sup>1</sup>, J. S. Roth<sup>1</sup> <sup>1</sup>University Of Kentucky, Surgery, Lexington, KY, USA

**10.14. External Validation of Clinical Criteria for Obtaining Maxillofacial Computed Tomography in Trauma.** A. W. Harrington<sup>1</sup>, K. Pei<sup>1</sup>, R. Assi<sup>1</sup>, K. A. Davis<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA

**10.15. Increased Rate of C. Difficile in Patients Following TPIAT. What are the Risk Factors?.** J. E. Taylor<sup>1</sup>, K. A. Morgan<sup>1</sup> <sup>1</sup>Medical University Of South Carolina, Gastrointestinal And Laparoscopic Surgery, Charleston, Sc, USA

**10.16. Is There a "Weekend Effect" in Emergency General Surgery?.** D. Metcalfe<sup>1</sup>, O. A. Olufajo<sup>6</sup>, A. J. Rios-Diaz<sup>5</sup>, C. K. Zogg<sup>4</sup>, R. Chowdhury<sup>2</sup>, J. M. Havens<sup>2</sup>, A. Haider<sup>2</sup>, A. Salim<sup>2,3</sup> <sup>6</sup>Washington University School Of Medicine, Department Of Surgery, St Louis, MO, USA <sup>1</sup>University Of Oxford, Kadoorie Centre For Critical Care Research, Oxford, OXFORDSHIRE, United Kingdom <sup>2</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>3</sup>Harvard Medical School, Boston, MA, USA <sup>4</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>5</sup>Thomas Jefferson University Hospital, Department Of Surgery, Philadelphia, PA, USA

**10.17. OUTCOMES OF PEDIATRIC FIREARM INJURIES AT ADULT AND PEDIATRIC LEVEL-1 TRAUMA CENTERS.** E. J. Onufer<sup>1</sup>, P. M. Choi<sup>1</sup>, C. M. Courtney<sup>1</sup>, M. Wallendorf<sup>1</sup>, A. M. Vogel<sup>1</sup>, M. S. Keller<sup>1</sup> <sup>1</sup>Washington University, General Surgery, St. Louis, MO, USA

**10.18. 4-FACTOR PCC USE FAILS TO IMPROVE OUTCOMES WHEN COMPARED TO FFP IN MILD TO MODERATE TBI.** W. Readdy<sup>2</sup>, I. Farooqi<sup>2</sup>, A. Rayner<sup>2</sup>, R. Gupta<sup>1</sup>, J. Hanna<sup>1</sup> <sup>1</sup>Rutgers-Robert Wood Johnson Medical School, Division Of Acute Care Surgery, New Brunswick, NJ, USA <sup>2</sup>Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

**10.19. Trends in Unintentional Firearm Related Injuries in Rural Pediatric Trauma Settings .** I. I. Maizlin<sup>1</sup>, G. F. Smith<sup>1</sup>, R. T. Russell<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

**10.20. Challenges of Implementing Trauma Registries in Low and Middle Income Countries.** K. Bommakanti<sup>1</sup>, I. Feldhaus<sup>1</sup>, R. Dicker<sup>1</sup>, C. Juillard<sup>1</sup> <sup>1</sup>University Of California - San Francisco, Center For Global Surgical Studies, San Francisco, CA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Quick Shot Presentation Sessions I****11. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - PATIENT CENTERED OUTCOMES 1 QUICKSHOT**

DEBUSSY 1

**MODERATORS: Matthew J. Martin, MD & Chet A. Morrison, MD**

- 11.01. Massive Transfusion Protocol is Associated with Higher Rate of Venous Thromboembolism.** N. K. Dhillon<sup>1</sup>, E. J. Smith<sup>1</sup>, A. Ko<sup>1</sup>, M. Y. Harada<sup>1</sup>, K. Patel<sup>1</sup>, M. Scheipe<sup>1</sup>, G. Barmparas<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA
- 11.02. Putting the Pieces Together: A Principal Component Analysis of Acute Traumatic Coagulopathy in Kids.** C. M. Leeper<sup>1,2</sup>, M. D. Neal<sup>2</sup>, C. McKenna<sup>1</sup>, T. Billiar<sup>2</sup>, B. A. Gaines<sup>1</sup> <sup>1</sup>Children's Hospital Of Pittsburgh Of UPMC, Pediatric Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh Medical Center, General Surgery, Pittsburgh, PA, USA
- 11.03. Early Versus Delayed Prophylactic Anticoagulation In Adult Trauma Patients With Pulmonary Contusions.** M. B. Linskey<sup>1</sup>, A. B. Podany<sup>1</sup>, A. S. Kulaylat<sup>1</sup>, A. L. Lauria<sup>1</sup>, S. R. Allen<sup>1,2</sup>, J. D. Chandler<sup>1,2</sup>, R. M. Staszak<sup>1,2</sup>, S. B. Armen<sup>1,2</sup> <sup>1</sup>Penn State University College Of Medicine, Department Of Surgery, Hershey, PA, USA <sup>2</sup>Penn State University College Of Medicine, Division Of Trauma, Acute Care & Critical Care Surgery, Hershey, PA, USA
- 11.04. Early Thromboprophylaxis With Low Molecular Weight Heparin In Patients With Pelvic Fractures Is Safe.** F. Jehan<sup>1</sup>, K. Ibraheem<sup>1</sup>, A. Azim<sup>1</sup>, A. Tang<sup>1</sup>, T. O'Keeffe<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, L. Gries<sup>1</sup>, G. Vercruysse<sup>1</sup>, R. Fries<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma, critical Care, Burn And Emergency Surgery/Department Of Surgery, Tucson, AZ, USA
- 11.05. Tranexamic Acid is Associated with Increased Mortality in Patients with Physiologic Levels of Fibrinolysis.** H. B. Moore<sup>1</sup>, B. Huebner<sup>1</sup>, T. L. Nydam<sup>1</sup>, G. Settler<sup>1</sup>, G. Nunns<sup>1</sup>, C. C. Silliman<sup>1</sup>, A. Sauaia<sup>1</sup>, E. E. Moore<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Surgery, Aurora, CO, USA
- 11.06. State Trauma Alert Criteria Versus Paramedic Judgment: A Comparative Analysis.** T. Husty<sup>1</sup>, M. Crandall<sup>1</sup>, D. Chesire<sup>1</sup>, D. Ebler<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Jacksonville, FL, USA
- 11.07. EARLY POSITIVE PRESSURE VENTILATION IN TRAUMA PATIENTS WITH FACIAL AND SKULL BASE FRACTURES.** M. C. Spalding<sup>1,2</sup>, D. E. Leshikar<sup>1,3</sup>, C. Hester<sup>1</sup>, C. T. Minshall<sup>1</sup> <sup>1</sup>Parkland, UT Southwestern, Burn/Trauma/Critical Care Surgery, Dallas, TEXAS, USA <sup>2</sup>Grant Medical Center, Ohio University College Of Osteopathic Medicine, Trauma And Acute Care Surgery, Columbus, OHIO, USA <sup>3</sup>UC Davis, Trauma, Acute Care Surgery And Surgical Critical Care, Sacramento, CA, USA
- 11.08. Institutional Experience with Suspected Non-Accidental Trauma.** C. N. Litz<sup>1</sup>, P. D. Danielson<sup>1</sup>, N. M. Chandler<sup>1</sup> <sup>1</sup>Johns Hopkins All Children's Hospital, Division Of Pediatric Surgery, St. Petersburg, FL, USA
- 11.09. Validation of a Field Spinal Motion Restriction Protocol.** J. M. Tatum<sup>1</sup>, N. Melo<sup>1</sup>, A. Ko<sup>1</sup>, N. K. Dhillon<sup>1</sup>, M. W. Choi<sup>1</sup>, E. J. Smith<sup>1</sup>, D. A. Yim<sup>1</sup>, G. Barmparas<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Division Of Trauma And Critical Care, Department Of Surgery, Los Angeles, CA, USA
- 11.10. Effects of Missed or Off-Schedule Doses of Antibiotics on Patient Outcomes.** C. Patel<sup>1</sup>, M. Swartz<sup>1</sup>, J. Tomasek<sup>1</sup>, L. Vincent<sup>1</sup>, W. Hallum<sup>2</sup>, J. Holcomb<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA <sup>2</sup>Memorial Hermann Hospital, Houston, TX, USA
- 11.11. The Role of Cardiopulmonary Resuscitation Following Traumatic Arrest.** P. Hu<sup>1</sup>, R. Uhlich<sup>1</sup>, J. Kerby<sup>1</sup>, P. Bosarge<sup>1</sup> <sup>1</sup>UAB, Acute Care Surgery/Surgery, Birmingham, AL, USA
- 11.12. Non-Alcoholic Fatty Liver Disease (NAFLD) Is Associated With Increased Post-Traumatic Pneumonia.** J. A. Bailey<sup>1</sup>, L. Brown<sup>1</sup>, A. Y. Parikh<sup>2</sup>, R. H. Wachsberg<sup>1</sup>, A. Kunac<sup>1</sup>, B. Koneru<sup>1</sup>, D. H. Livingston<sup>1</sup> <sup>1</sup>New Jersey Medical School, Newark, NJ, USA <sup>2</sup>Morristown Medical Center, Morristown, NJ, USA
- 11.13. Mortality Rates of Severe Traumatic Brain Injury Patients: Impact of Direct vs. Non-direct Transfers.** K. Prabhakaran<sup>1</sup>, P. Petrone<sup>1</sup>, G. Lombardo<sup>1</sup>, C. Stoller<sup>1</sup>, A. Betancourt<sup>1</sup>, A. Policastro<sup>1</sup>, C. P. Marini<sup>1</sup> <sup>1</sup>Westchester Medical Center University Hospital, Trauma/Surgery/New York Medical College, Valhalla, NY, USA
- 11.14. Tachycardia Is As Bad As Bradycardia In Traumatic Brain Injury.** A. Azim<sup>1</sup>, P. Rhee<sup>2</sup>, K. Ibraheem<sup>1</sup>, T. O'Keeffe<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, G. Vercruysse<sup>1</sup>, A. Tang<sup>1</sup>, L. Gries<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma And Surgical Critical Care/Department Of Surgery, Tucson, AZ, USA <sup>2</sup>Grady Memorial Hospital, Trauma And Surgical Critical Care/Department Of Surgery, Atlanta, GA, USA
- 11.15. Use of Routine Head CT After Initiation of Chemoprophylaxis in Patients with Intracranial Hemorrhage.** C. L. Shelley<sup>1</sup>, P. M. Arnold<sup>2</sup>, K. Udobi<sup>1</sup>, J. Green<sup>1</sup>, A. W. Bennett<sup>1</sup>, S. Berry<sup>1</sup>, J. M. Howard<sup>1</sup>, T. McDonald<sup>1</sup>, M. Moncure<sup>1</sup>, R. Winfield<sup>1</sup> <sup>1</sup>University Of Kansas Medical Center, Trauma Surgery, Kansas City, KS, USA <sup>2</sup>University Of Kansas Medical Center, Neurosurgery, Kansas City, KS, USA
- 11.16. Hemodynamically Abnormal Thoracoabdominal Trauma Should Undergo CT Prior To Definitive Therapy.** J. Carney<sup>1</sup>, A. Strumwasser<sup>1</sup>, K. Matsushima<sup>1</sup>, D. Grabo<sup>1</sup>, D. Clark<sup>1</sup>, K. Inaba<sup>1</sup>, E. Benjamin<sup>1</sup>, L. Lam<sup>1</sup>, D. Demetriades<sup>1</sup> <sup>1</sup>University Of Southern California, Surgery - Trauma/Acute Care Surgery, Los Angeles, CA, USA
- 11.17. Troponin I in the Evaluation of Blunt Cardiac Injury Following Sternal Fracture.** P. Hu<sup>1</sup>, R. Uhlich<sup>1</sup>, A. Witcher<sup>1</sup>, J. Kerby<sup>1</sup>, P. Bosarge<sup>1</sup> <sup>1</sup>UAB, Acute Care Surgery/Surgery, Birmingham, AL, USA
- 11.18. The Impact of Severe Head Trauma on the Management of Isolated Open Tibia Fractures.** N. N. Branch<sup>1</sup>, R. Wilson<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA
- 11.19. Identification of Organ Failure Patterns for Early Stratification of Trauma Patients.** D. Liu<sup>1</sup>, R. A. Namas<sup>1</sup>, Q. Mi<sup>1</sup>, O. Abdul-Malak<sup>1</sup>, J. Guardado<sup>1</sup>, B. Zuckerbraun<sup>1</sup>, J. Sperry<sup>1</sup>, M. Rosengart<sup>1</sup>, Y. Vodovotz<sup>1</sup>, B. Timothy<sup>1</sup> <sup>1</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA
- 11.20. Radiographic Evaluation of the Pregnant Trauma Patient: What Are We Willing to Miss?.** E. Herfel<sup>1</sup>, E. Buggie<sup>2</sup>, M. Lieber<sup>2</sup>, J. Hill<sup>2</sup> <sup>1</sup>OhioHealth Doctors Hospital, Obstetrics And Gynecology, Columbus, OH, USA <sup>2</sup>OhioHealth Grant Medical Center, Trauma Services, Columbus, OHIO, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 12. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 1 QUICKSHOT

DEBUSSY 2

**MODERATORS: Peter Muscarella, MD & Andrew J. Schoenfeld, MD, MSc**

**12.01. Outcomes Significantly Differ by Indication for Surgery in Elective Colectomies.** A. A. Gullick<sup>1,2</sup>, L. E. Goss<sup>1,2</sup>, D. I. Chu<sup>1,2</sup>, C. Balentine<sup>1,2</sup>, M. S. Morris<sup>1,2</sup> <sup>1</sup>University Of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA <sup>2</sup>VA AL Healthcare System, Surgery, Birmingham, AL, USA

**12.02. A Critical Analysis of Feeding Jejunostomy Following Esophagectomy Versus Gastrectomy.** R. E. Sargent<sup>1</sup>, A. M. Blakely<sup>1</sup>, T. Ng<sup>1</sup>, T. J. Miner<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Department Of Surgery, Providence, RI, USA

**12.03. Patient Perceptions and Quality of Life after Colon and Rectal Surgery.** S. M. Wrenn<sup>1</sup>, D. Ramos-Valadez<sup>2</sup>, A. Cepeda-Benito<sup>3</sup>, P. Cataldo<sup>1</sup> <sup>1</sup>University Of Vermont College Of Medicine, Department Of Surgery, Burlington, VT, USA <sup>2</sup>Sanford Health, Surgery, Thief River Falls, MINNESOTA, USA <sup>3</sup>University Of Vermont, Department Of Psychological Sciences, Burlington, VT VERMONT, USA

**12.04. Patient Reported Outcomes Following Splenectomy for Hematological Disorders.** M. O. Mohamed<sup>1</sup>, D. Laan<sup>1</sup>, C. A. Thiels<sup>1</sup>, J. Bingener<sup>1</sup> <sup>1</sup>Mayo Clinic, Surgery, Rochester, MN, USA

**12.05. Concurrent Sleeve Gastrectomy and Hiatal Hernia Repair is Safe and Improves Weight Loss.** A. Wang<sup>1</sup>, M. Turner<sup>1</sup>, S. Sprinkle<sup>1</sup>, A. D. Gueron<sup>1</sup>, D. Portenier<sup>1</sup>, C. Park<sup>1</sup>, R. Sudan<sup>1</sup>, J. Yoo<sup>1</sup>, K. Seymour<sup>1</sup> <sup>1</sup>Duke University Medical Center, Surgery, Durham, NC, USA

**12.07. Modifiable Factors Related to Pre-Operative Psychosocial Distress Among Colorectal Cancer Patients.** M. McLeod<sup>1</sup>, C. Veenstra<sup>1</sup>, S. K. Hendren<sup>1</sup>, P. H. Abrahamse<sup>1</sup>, D. Jomaa<sup>1</sup>, A. M. Morris<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**12.08. Shoulder Disability Affects Quality of Life After Thyroidectomy Even Without Lymph Node Dissection.** H. Wong<sup>1</sup>, S. Kaplan<sup>1</sup>, M. G. White<sup>1</sup>, M. K. Applewhite<sup>2</sup>, P. Angelos<sup>1</sup>, B. Aschebrook-Kilfoy<sup>1</sup>, R. H. Grogan<sup>1</sup> <sup>1</sup>University Of Chicago, Endocrine Surgery Research Group In The Department Of Surgery, Chicago, IL, USA <sup>2</sup>Albany Medical College, Surgery, Albany, NY, USA

**12.09. Outcomes of Intrathecal Analgesia as Part of an Enhanced Recovery Pathway in Colorectal Surgery.** A. Merchea<sup>1</sup>, J. Lovely<sup>4</sup>, A. Jacob<sup>3</sup>, D. Colibaseanu<sup>1</sup>, S. Kelley<sup>2</sup>, K. Mathis<sup>2</sup>, G. Spears<sup>5</sup>, M. Huebner<sup>6</sup>, D. Larson<sup>2</sup> <sup>1</sup>Mayo Clinic - Florida, Colon & Rectal Surgery, Jacksonville, FL, USA <sup>2</sup>Mayo Clinic, Colon & Rectal Surgery, Rochester, MN, USA <sup>3</sup>Mayo Clinic, Anesthesiology, Rochester, MN, USA <sup>4</sup>Mayo Clinic, Hospital Pharmacy Services, Rochester, MN, USA <sup>5</sup>Mayo Clinic, Biostatistics, Rochester, MN, USA <sup>6</sup>Michigan State University, Statistics, Lansing, MI, USA

**12.10. Monitoring the Skin Microbiota of Colorectal Surgery Patients to Predict Surgical Site Infections..** A. Yeh<sup>1</sup>, B. Firek<sup>1</sup>, J. Holder-Murray<sup>1</sup>, M. J. Morowitz<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA

**12.11. Association Between Surgical Patient Satisfaction and Non-Modifiable Factors.** L. Martin<sup>1</sup>, M. Gross<sup>1</sup>, A. Presson<sup>1</sup>, C. Zhang<sup>1</sup>, M. Hopkins<sup>1</sup>, D. Ray<sup>1</sup>, S. Finlayson<sup>1</sup>, R. Glasgow<sup>1</sup> <sup>1</sup>University Of Utah, Salt Lake City, UT, USA

**12.12. Oncologic Adequacy of Resection in Elective Versus Emergent Cases of Colon Cancer.** N. Tehrani<sup>1</sup>, S. Ganai<sup>1</sup>, M. Garfinkel<sup>1</sup> <sup>1</sup>Southern Illinois University School Of Medicine, General Surgery, Springfield, IL, USA

**12.13. Roux-en-Y Gastric Bypass in Elderly Patients: Appropriate?.** T. Hassinger<sup>1</sup>, J. Mehaffey<sup>1</sup>, L. Johnston<sup>1</sup>, G. Fasen<sup>1</sup>, B. Schirmer<sup>1</sup>, P. T. Hollowell<sup>1</sup> <sup>1</sup>University Of Virginia, Department Of Surgery, Charlottesville, VIRGINIA, USA

**12.14. Does Re-operative Bariatric Surgery Improve Glycemic Control and Cardiac Risk?.** A. Mokhtari<sup>1</sup>, T. Mokhtari<sup>1</sup>, L. Voller<sup>1</sup>, J. Morton<sup>1</sup> <sup>1</sup>Stanford University, Bariatric & Minimally Invasive Surgery, Palo Alto, CA, USA

**12.15. Laparoscopic Subtotal Cholecystectomy Compared to Total Cholecystectomy: A National Analysis.** Y. Kim<sup>1</sup>, K. Wima<sup>1</sup>, B. T. Xia<sup>1</sup>, V. K. Dhar<sup>1</sup>, D. E. Go<sup>1</sup>, S. A. Shah<sup>1</sup> <sup>1</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA

**12.16. Using Patient Outcomes to Evaluate Residency Program Performance in Colorectal Surgery.** M. M. Sellers<sup>1,2</sup>, R. L. Hoffman<sup>1</sup>, C. Wirtalla<sup>1</sup>, G. C. Karakousis<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Center For Surgery And Health Economics Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Mount Sinai School Of Medicine, Depar, New York, NY, USA

**12.17. Focused Parathyroidectomy under Local Anaesthesia - Evaluation of Outcomes and Satisfaction.** S. SEN<sup>1</sup>, K. REKA<sup>2</sup>, A. J. CHERIAN<sup>1</sup>, P. RAMAKANT<sup>1</sup>, P. M. JACOB<sup>1</sup>, D. T. ABRAHAM<sup>1</sup> <sup>2</sup>CMC HOSPITAL, BIostatistics, Vellore, TAMIL NADU, India <sup>1</sup>CMC HOSPITAL, ENDOCRINE SURGERY, Vellore, TAMIL NADU, India

**12.18. Systematic Implementation of a Colon Bundle Significantly Decreases Surgical Site Infections.** F. Gaunay<sup>1</sup>, T. Adegboyega<sup>1</sup>, C. Sanz<sup>1</sup>, M. Berrones<sup>1</sup>, D. Rivadeneira<sup>1</sup> <sup>1</sup>North Shore University And Long Island Jewish Medical Center, Colon & Rectal Surgery, Manhasset, NY, USA

**12.19. Judging a Book by its Cover? Effects of Clinic Location on Patient Satisfaction..** C. B. Matsen<sup>1</sup>, D. Ray<sup>1</sup>, M. O. Bishop<sup>2</sup>, A. P. Presson<sup>2</sup>, S. R. Finlayson<sup>1</sup> <sup>1</sup>University Of Utah, Surgery/General Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Epidemiology/ Internal Medicine, Salt Lake City, UT, USA

**12.20. Predictors of a Histopathologic Diagnosis of Complicated Appendicitis.** J. B. Imran<sup>1</sup>, C. T. Minshall<sup>1</sup>, T. Madni<sup>1</sup>, A. El Mokdad<sup>1</sup>, M. Subramanian<sup>1</sup>, A. Clark<sup>1</sup>, H. Phelan<sup>1</sup>, M. Cripps<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

## Integrated Quick Shot Presentation Sessions I

### 13. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 2 QUICKSHOT

ENCORE BALLROOM 1

**MODERATORS: Daniel I-Hsin Chu, MD & Clancy J. Clark, MD**

- 13.01. Impact of Surgical Site Infections on Recurrence and Quality of Life in Open Ventral Hernia Repair.** K. Coakley<sup>1</sup>, S. Groene<sup>1</sup>, T. Prasad<sup>1</sup>, A. Lincourt<sup>1</sup>, K. Kercher<sup>1</sup>, V. Augenstein<sup>1</sup>, B. Heniford<sup>1</sup>, P. Colavita<sup>1</sup> <sup>1</sup>Carolinas Medical Center, GI And Minimally Invasive Surgery, Charlotte, NC, USA
- 13.02. Safety and Efficacy of Revision Rouxeny Gastric Bypass after Gastric Banding for Weight Loss Failure.** A. Wang<sup>1</sup>, S. Sprinkle<sup>1</sup>, M. Cox<sup>1</sup>, C. Park<sup>1</sup>, D. Portenier<sup>1</sup>, J. Yoo<sup>1</sup>, R. Sudan<sup>1</sup>, K. Seymour<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA
- 13.03. Practice Variation in the Management of Uncomplicated Gastroschisis at U.S. Children's Hospitals.** S. M. Stokes<sup>1</sup>, S. S. Short<sup>1</sup>, D. C. Barnhart<sup>1</sup>, E. R. Scaife<sup>1</sup>, B. T. Bucher<sup>1</sup> <sup>1</sup>University Of Utah School Of Medicine, Division Of Pediatric Surgery, Salt Lake City, UT, USA
- 13.04. Can a Change in Surgical Technique Decrease Postoperative Hypocalcemia After Total Thyroidectomy?** D. S. Kim<sup>1</sup>, A. E. Barber<sup>1</sup>, R. C. Wang<sup>1</sup> <sup>1</sup>University Of Nevada School Of Medicine, Department Of Surgery, Las Vegas, NV, USA
- 13.05. Appendicoliths Increase the Risk of Complications in Laparoscopic Appendectomy.** M. Khan<sup>1</sup>, M. H. Siddiqui<sup>1</sup>, N. Shahzad<sup>1</sup>, M. B. Chaudhry<sup>2</sup>, M. Wajid<sup>1</sup>, R. Sultan<sup>1</sup>, W. A. Memon<sup>2</sup>, H. Zafar<sup>1</sup>, A. Alvi<sup>1</sup> <sup>1</sup>Aga Khan University Medical College, Surgery, Karachi, Sindh, Pakistan <sup>2</sup>Aga Khan University Medical College, Radiology, Karachi, Sindh, Pakistan
- 13.06. Discordance in Hospital Quality Rank Using Traditional Vs. Patient-Preferred Outcomes After Colectomy.** A. N. Kothari<sup>1</sup>, S. A. Brownlee<sup>1</sup>, E. C. He<sup>1</sup>, J. Rambo<sup>1</sup>, D. M. Hayden<sup>1</sup>, J. M. Eberhardt<sup>1</sup>, P. C. Kuo<sup>1</sup>, T. L. Saclarides<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Surgery, Maywood, IL, USA
- 13.07. The Metabolic Benefit of Bariatric Surgery: Impact of Baseline Disease Status.** L. A. Bayouth<sup>3</sup>, W. J. Pories<sup>3</sup>, M. B. Burruss<sup>3</sup>, K. Spaniolas<sup>3</sup> <sup>3</sup>East Carolina University Brody School Of Medicine, Department Of Surgery, Minimally Invasive And Bariatric Surgery, Greenville, NC, USA
- 13.08. Financial Burden is Associated with Lower Quality of Life Scores in Adults with MEN-1.** B. J. Peipert<sup>1</sup>, S. Goswami<sup>1</sup>, S. E. Yount<sup>2,3</sup>, C. Sturgeon<sup>1</sup> <sup>1</sup>Northwestern University Feinberg School Of Medicine, Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University Feinberg School Of Medicine, Medical Social Sciences, Chicago, IL, USA <sup>3</sup>Northwestern University Feinberg School Of Medicine, Psychiatry And Behavioral Sciences, Chicago, IL, USA
- 13.09. A Risk Model and Cost Analysis of Incisional Hernia Following 2,145 Open Hysterectomies.** J. M. Weissler<sup>1</sup>, M. G. Tecce<sup>1</sup>, M. N. Basta<sup>2</sup>, V. Shubins<sup>1</sup>, M. A. Lanni<sup>1</sup>, M. N. Mirzabeigi<sup>1</sup>, M. J. Carney<sup>1</sup>, L. Cooney<sup>1</sup>, S. Senapati<sup>1</sup>, A. F. Haggerty<sup>1</sup>, J. P. Fischer<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Plastic Surgery, Philadelphia, PA, USA <sup>2</sup>Brown University School Of Medicine, Plastic Surgery, Providence, RI, USA
- 13.10. The Surgical Apgar Score Identifies Patients at Risk for Prolonged Post-Operative Hospital Stay..** S. Amodeo<sup>1</sup>, A. Masi<sup>1,2,3</sup>, A. Pinna<sup>1,2,3</sup>, I. Hatzaras<sup>1</sup>, E. Newman<sup>1,2</sup>, S. M. Cohen<sup>1</sup>, R. S. Berman<sup>1</sup>, G. H. Ballantyne<sup>1,2</sup>, H. L. Pachter<sup>1</sup>, M. Melis<sup>1,2</sup> <sup>1</sup>New York University School Of Medicine, Department Of Surgery, New York, NY, USA <sup>2</sup>New York Harbor Healthcare System VAMC, Department Of Surgery, New York, NY, USA <sup>3</sup>University Of Sassari, Department Of General Surgery, Sassari, Italy
- 13.11. Duration of Preoperative Hospitalization is Associated With Mortality in Total Abdominal Colectomy.** J. Zhang<sup>1</sup>, A. Lubitz<sup>1</sup>, M. Philp<sup>1</sup>, Z. Maher<sup>1</sup>, A. Pathak<sup>1</sup>, T. Santora<sup>1</sup>, L. Sjöholm<sup>1</sup>, A. J. Goldberg<sup>1</sup>, E. Dauer<sup>1</sup> <sup>1</sup>Temple University, Department Of Surgery, Philadelphia, PA, USA
- 13.12. Is the Surgical Apgar Score Reliable in Patients on Chronic Beta Blockers?** S. Amodeo<sup>1</sup>, A. Pinna<sup>1,2,3</sup>, A. Masi<sup>1,2</sup>, I. Hatzaras<sup>1</sup>, E. Newman<sup>1,2</sup>, S. M. Cohen<sup>1</sup>, R. S. Berman<sup>1</sup>, G. H. Ballantyne<sup>1,2</sup>, H. L. Pachter<sup>1</sup>, M. Melis<sup>1,2</sup> <sup>1</sup>New York University School Of Medicine, Department Of Surgery, New York, NY, USA <sup>2</sup>New York Harbor Healthcare System VAMC, Department Of Surgery, New York, NY, USA <sup>3</sup>University Of Sassari, Department Of General Surgery, Sassari, Italy
- 13.14. Compliance After Bariatric Surgery: Patient-related Factors And Self-reported Barriers.** B. Corey<sup>1,2</sup>, L. Goss<sup>1</sup>, A. Gullick<sup>1,2</sup>, D. Breland<sup>1</sup>, J. Richman<sup>1,2</sup>, J. Grams<sup>1,2</sup> <sup>2</sup>Birmingham Veteran's Affairs Medical Center, Surgery, Birmingham, ALABAMA, USA <sup>1</sup>University Of Alabama At Birmingham, Surgery, Birmingham, ALABAMA, USA
- 13.15. Preliminary Experience with Acellular Porcine Liver Matrix in Retrorectus Incisional Hernia Repairs.** E. Vo<sup>1</sup>, C. Y. Chai<sup>1,2</sup>, D. S. Lee<sup>1,2</sup>, N. N. Massarweh<sup>1,2</sup>, K. Makris<sup>1,2</sup>, L. W. Chiu<sup>1,2</sup>, H. S. Tran Cao<sup>1,2</sup>, N. S. Becker<sup>1,2</sup>, S. S. Awad<sup>2</sup> <sup>1</sup>Baylor College Of Medicine, Houston, TX, USA <sup>2</sup>Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA
- 13.16. Hyperglycemia Following Radical Cystectomy Associated With Shorter Lengths Of Stay And Lower Costs.** M. B. Linskey<sup>1</sup>, D. Brunke-Reese<sup>1</sup>, E. B. Lehman<sup>2</sup>, D. I. Soybel<sup>1</sup>, M. G. Kaag<sup>1,3</sup> <sup>1</sup>Penn State University College Of Medicine, Department Of Surgery, Hershey, PA, USA <sup>2</sup>Penn State University College Of Medicine, Department Of Public Health Sciences, Hershey, PA, USA <sup>3</sup>Penn State University College Of Medicine, Division Of Urology, Hershey, PA, USA
- 13.17. Venous Thromboembolism After Incisional Hernia Repair.** M. P. DeWane<sup>1</sup>, A. A. Maung<sup>1</sup>, K. A. Davis<sup>1</sup>, J. P. Geibel<sup>1</sup>, R. D. Becher<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA
- 13.18. Body Mass Index is Associated with Surgical Site Infection (SSI) In Patients with Ulcerative Colitis.** M. M. Romine<sup>1,2</sup>, A. Gullick<sup>1,2</sup>, M. Morris<sup>1,2</sup>, L. Goss<sup>1,2</sup>, D. Chu<sup>1,2</sup> <sup>1</sup>University Of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA <sup>2</sup>VA Birmingham HealthSystem, General Surgery, Birmingham, AL, USA
- 13.19. Postoperative Complications in Patients with Inflammatory Bowel Disease.** S. Stringfield<sup>1</sup>, S. Ramamoorthy<sup>1</sup>, L. Parry<sup>1</sup>, S. Eisenstein<sup>1</sup> <sup>1</sup>University Of California, Surgery, San Diego, CA, USA
- 13.20. The Bifid Recurrent Laryngeal Nerve – Anatomical Details & Operative Implications.** J. C. Lee<sup>1,2</sup>, A. Kiu<sup>1</sup>, P. Chang<sup>1</sup>, J. Serpell<sup>1,2</sup> <sup>1</sup>The Alfred Hospital, Department Of General Surgery, Melbourne, VICTORIA, Australia <sup>2</sup>Monash University, Endocrine Surgery Unit, Melbourne, VICTORIA, Australia

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 14. CLINICAL/OUTCOMES: GENERAL SURGERY, CROSS-DISCIPLINARY QUICKSHOT

ENCORE BALLROOM 3

**MODERATORS: Danny Chu, MD & Susan Clare Pitt, MD**

##### 14.01. Perforated Appendicitis in Octogenarians: One-Year

**Operative Outcomes.** M. M. Symer<sup>1</sup>, J. Abelson<sup>1</sup>, T. Sun<sup>2</sup>, A. Sedrakyan<sup>2</sup>, H. Yeo<sup>1,2</sup> <sup>1</sup>Weill Cornell Medical College, Surgery, New York, NY, USA <sup>2</sup>Weill Cornell Medical College, Healthcare Policy And Research, New York, NY, USA

##### 14.02. The Impact of Missed Ambulation Events After Abdominal

**Hernia Surgery on Length of Stay.** Y. A. Ghazi<sup>3</sup>, T. W. Stethen<sup>2</sup>, R. E. Heidel<sup>4</sup>, B. J. Daley<sup>1</sup>, L. G. Barnes<sup>4</sup>, J. M. McLoughlin<sup>1</sup> <sup>1</sup>University Of Tennessee Medical Center, Surgery, Knoxville, TN, USA <sup>2</sup>University Of Tennessee Health Science Center, Graduate School Of Medicine, Memphis, TN, USA <sup>3</sup>University Of Tennessee, Biology, Knoxville, TN, USA <sup>4</sup>University Of Tennessee Graduate School Of Medicine, Knoxville, TN, USA

##### 14.03. Trends in Emergency General Surgery Interhospital

**Transfers in the United States.** C. E. Reinke<sup>1</sup>, M. Thomason<sup>1</sup>, L. Paton<sup>1</sup>, L. Schiffern<sup>1</sup>, N. Rozario<sup>2</sup>, B. D. Matthews<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Department Of Surgery, Charlotte, NC, USA <sup>2</sup>Carolinas Medical Center, Dickson Advanced Analytics, Charlotte, NC, USA

##### 14.04. Development of a Reference Population for Assessment

**of Surgical Patient Frailty and Fragility.** R. L. Goulson<sup>1</sup>, C. M. Harbaugh<sup>1</sup>, P. E. Rabban<sup>1</sup>, A. R. Peltier<sup>1</sup>, N. C. Wang<sup>1</sup>, G. L. Su<sup>1</sup>, M. J. Englesbe<sup>1</sup>, B. A. Derstine<sup>1</sup>, S. C. Wang<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA

##### 14.05. Implications of IBD Status on Post-Colectomy Outcomes

**for the Value-Based Purchasing Program .** Y. Chen<sup>1</sup>, R. Anand<sup>1</sup>, L. Ly<sup>1</sup>, J. Cedarbaum<sup>1</sup>, A. Hjelmaas<sup>1</sup>, S. Collins<sup>2</sup>, S. Regenbogen<sup>2</sup> <sup>1</sup>University Of Michigan, Medical School, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

##### 14.06. Should We Be Using More Home Health After Gastroin-

**testinal Surgery?.** C. Balentine<sup>1,2</sup>, G. Levenson<sup>3</sup>, D. J. Vanness<sup>3</sup>, S. J. Knight<sup>4</sup>, J. Turan<sup>5</sup>, C. J. Brown<sup>6,7</sup>, G. D. Kennedy<sup>1</sup>, H. Chen<sup>1</sup>, S. Bhatia<sup>2</sup> <sup>1</sup>University Of Alabama At Birmingham, Surgery, Birmingham, AL, USA <sup>2</sup>University Of Alabama At Birmingham, Institute For Cancer Outcomes And Survivorship, Birmingham, AL, USA <sup>3</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research, Madison, WI, USA <sup>4</sup>University Of Alabama At Birmingham, Department Of Preventive Medicine, Birmingham, AL, USA <sup>5</sup>University Of Alabama At Birmingham, School Of Public Health, Birmingham, AL, USA <sup>6</sup>University Of Alabama At Birmingham, Birmingham/Atlanta VA GRECC, Birmingham, AL, USA <sup>7</sup>University Of Alabama At Birmingham, Department Of Medicine, Division Of Gerontology, Geriatrics & Palliative Care, Birmingham, AL, USA

##### 14.07. Delta-MELD and Outcomes in Emergency Surgery.

M. L. Kueht<sup>1</sup>, E. Godfrey<sup>1</sup>, Z. Pallister<sup>1</sup>, S. Awad<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Houston, TX, USA

##### 14.08. The Safety and Feasibility of Early Discharge Following

**Ileostomy Closure: A NSQIP Analysis.** A. I. Elnahas<sup>1</sup>, F. Quereshty<sup>1</sup>, R. Kelly<sup>2</sup>, T. Jackson<sup>1</sup>, A. Okrainec<sup>1</sup>, S. Chadi<sup>1</sup>, E. Le Souder<sup>1</sup>, U. David<sup>3</sup> <sup>1</sup>Toronto Western Hospital, General Surgery, Toronto, ONTARIO, Canada <sup>2</sup>University Of Toronto, Surgery, Toronto, ONTARIO, Canada <sup>3</sup>Women's College Hospital, General Surgery, Toronto, ONTARIO, Canada

##### 14.11. Readability, Complexity, and Suitability of Online Resources

**for Mastectomy and Lumpectomy.** B. N. Tran<sup>1</sup>, M. Singh<sup>1</sup>, B. T. Lee<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Plastic And Reconstructive Surgery/Surgery, Boston, MA, USA

##### 14.12. A Nationwide Comparison of Laparoscopic Versus

**Open Appendectomy in Geriatric Patients.** B. Zangbar<sup>1</sup>, L. Boudourakis<sup>2</sup>, V. Roudnitsky<sup>2</sup>, L. Dresner<sup>1</sup> <sup>1</sup>State University Of New York Downstate Medical Center, General Surgery / Surgery / Medicine, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Trauma and Acute Care Surgery / Surgery / Medicine, Brooklyn, NY, USA

##### 14.13. Autonomous Detection and Grading of Post-Operative

**Complications Using Natural Language Processing.** L. V. Selby<sup>1</sup>, W. R. Narain<sup>2</sup>, A. Russo<sup>1</sup>, H. McGowan<sup>1</sup>, V. E. Strong<sup>1</sup>, P. D. Stetson<sup>2</sup> <sup>1</sup>Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA <sup>2</sup>Memorial Sloan-Kettering Cancer Center, Health Informatics, New York, NY, USA

##### 14.14. Concurrent PEH/Bariatric Surgery: Improved Outcomes of

**Sleeve Gastrectomy Compared to Gastric Bypass.** A. Shada<sup>1</sup>, M. Stem<sup>2</sup>, L. Funk<sup>1</sup>, D. C. Jackson<sup>1</sup>, J. Greenberg<sup>1</sup>, A. Stroud<sup>1</sup>, A. O. Lidor<sup>1</sup> <sup>1</sup>University Of Wisconsin, General Surgery, School Of Medicine And Public Health, Madison, WI, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

##### 14.15. ERAS: Eliminating the Length of Stay Differences between

**Open and Laparoscopic Colorectal Surgery.** W. J. Farrington<sup>1</sup>, A. Gullick<sup>1</sup>, T. S. Wahl<sup>1</sup>, L. Goss<sup>1</sup>, M. Morris<sup>1</sup>, J. Cannon<sup>1</sup>, G. Kennedy<sup>1</sup>, D. I. Chu<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham Medical Center, General Surgery, Birmingham, AL, USA

##### 14.16. Impact of Narcotic Analgesic Use on HIDA Scan-based

**Gallbladder Ejection Fractions.** E. Wiesner<sup>1,2</sup>, L. Martin<sup>1,2</sup>, W. Peche<sup>1,2</sup>, J. Langell<sup>1,2</sup> <sup>1</sup>VA Salt Lake City Health Care System, Center Of Innovation, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA

##### 14.17. Predicting Outcomes in Hospitalized Patients Requiring

**Emergency General Surgery .** C. E. Sharoky<sup>1</sup>, E. A. Bailey<sup>1</sup>, M. M. Sellers<sup>1</sup>, A. J. Sinnamon<sup>1</sup>, C. Wirtalla<sup>1</sup>, D. N. Holena<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Center For Surgery And Health Economics, Department Of Surgery, Philadelphia, PA, USA

##### 14.18. Surgeon Attitudes Towards Prescribing Opioids.

M. Alameddine<sup>1</sup>, O. Brown<sup>1</sup>, C. Hoban<sup>1</sup>, R. Kabeer<sup>1</sup>, H. Paulsen<sup>1</sup>, J. Silverberg<sup>1</sup>, B. VanWieren<sup>1</sup>, J. S. Lee<sup>1</sup>, M. J. Englebe<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

##### 14.19. Patient-related and technical factors determining recovery

**after emergency appendectomy.** S. G. Thrumurthy<sup>1</sup>, R. Som<sup>1</sup> <sup>1</sup>King's College Hospital NHS Foundation Trust, Surgery, London, London, United Kingdom

##### 14.20. Ultrasonographic Detection of Occult Inguinal Hernia.

C. Shwaartz<sup>1</sup>, R. S. Lingnurkar<sup>2</sup>, B. Cohen<sup>1</sup>, M. Cohen<sup>1</sup>, H. K. Rosenberg<sup>1</sup>, C. M. Divino<sup>1</sup> <sup>1</sup>Icahn School Of Medicine At Mount Sinai, General Surgery, New York, NY, USA <sup>2</sup>Central Michigan University College Of Medicine, College Of Medicine, Mount Pleasant, MI, USA

##### 14.21. Disclosure of Pre-Referral Medical Errors: Cancer Special-

**ists' Attitudes and Current Practices.** H. Singh<sup>1</sup>, R. M. Kauffman<sup>2</sup>, M. C. Lee<sup>3</sup>, G. P. Quinn<sup>4</sup>, L. A. Dossett<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA <sup>3</sup>Moffitt Cancer Center And Research Institute, Comprehensive Breast Program, Tampa, FL, USA <sup>4</sup>Moffitt Cancer Center And Research Institute, Department Of Health Outcomes And Behavior, Tampa, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Quick Shot Presentation Sessions I****15. CLINICAL/OUTCOMES: COST-EFFECTIVENESS QUICKSHOT**

HANDEL

**MODERATORS: Waddah B. Al-Refaie, MD & Hari Nathan, MD, PhD****15.01. Understanding the Financial Burden Associated with the**

**Treatment of Colorectal Cancer.** F. Gani<sup>1</sup>, M. Cerullo<sup>1</sup>, J. K. Canner<sup>1</sup>, A. E. Harzman<sup>2</sup>, S. G. Husain<sup>2</sup>, W. C. Cirocco<sup>2</sup>, M. W. Arnold<sup>2</sup>, A. Traugott<sup>2</sup>, T. M. Pawlik<sup>1,2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>Ohio State University, Department Of Surgery, Columbus, OH, USA

**15.02. Fiscal Impact of Delayed Hospital Discharge and Transfer**

**of Care at a Regional Level 1 Trauma Center.** B. Ali<sup>1</sup>, R. Clark<sup>1</sup>, L. Webb<sup>1</sup>, S. Cali<sup>1</sup>, F. Sadiq<sup>1</sup>, D. Ozathil<sup>1</sup>, R. McKee<sup>1</sup> <sup>1</sup>University Of New Mexico, Surgery, Albuquerque, NM, USA

**15.03. MRI OVERUSE? A CRITICAL APPRAISAL OF A STATEWIDE**

**TRAUMA SYSTEM CERVICAL SPINE MANAGEMENT.** L. Kuo<sup>1</sup>, B. Frank<sup>1</sup>, C. Sharoky<sup>1</sup>, D. Holena<sup>1</sup> <sup>1</sup>University Of Pennsylvania, SURGERY, Philadelphia, PA, USA

**15.04. Early Lessons from Ongoing Pilot of Telehealth**

**Postoperative Visits after Routine Surgery.** J. M. Soegaard Ballester<sup>2,5</sup>, C. Neylan<sup>3</sup>, M. F. Scott<sup>1</sup>, L. Owei<sup>1</sup>, R. Rosin<sup>5,6,7</sup>, C. W. Hanson<sup>1,2,4,5</sup>, J. B. Morris<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Department Of Surgery/Perelman School Of Medicine, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Perelman School Of Medicine, Philadelphia, PA, USA <sup>3</sup>Rutgers University, Robert Wood Johnson Medical School, New Brunswick, NJ, USA <sup>4</sup>University Of Pennsylvania, Department Of Anesthesia/Perelman School Of Medicine, Philadelphia, PA, USA <sup>5</sup>University Of Pennsylvania, University Of Pennsylvania Health System, Philadelphia, PA, USA <sup>6</sup>University Of Pennsylvania, Penn Medicine Center For Health Care Innovation, Philadelphia, PA, USA <sup>7</sup>University Of Pennsylvania, Leonard Davis Institute, Philadelphia, PA, USA

**15.05. A Surgery Scheduling Model to Improve Operating Room**

**Utilization at a Tertiary Care Medical Center.** M. Jain<sup>1</sup>, M. Jafar<sup>2</sup>, N. Nayyar<sup>2,3</sup>, Y. Wang<sup>2</sup>, B. L. Gewertz<sup>1</sup>, R. Jain<sup>2,3</sup> <sup>1</sup>Cedars-Sinai Medical Center, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>University Of Southern California, Department Of Electrical Engineering, Los Angeles, CA, USA <sup>3</sup>Vivace Systems, Los Angeles, CA, USA

**15.06. Clinical Outcomes of Airlifts versus Ground Transports**

**in Pediatric Trauma Interfacility Transfers.** R. T. Russell<sup>1</sup>, R. L. Griffin<sup>2</sup>, G. F. Smith<sup>1</sup>, R. H. Hollis<sup>3</sup>, I. I. Maizlin<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama at Birmingham, Epidemiology, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA

**15.08. Readmission After COPD Exacerbation (RACE) Scale:**

**Determining 30-Day Readmission Risk.** R. S. Chamberlain<sup>1,2,3</sup>, C. S. Lau<sup>1,2</sup>, B. L. Siracuse<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA <sup>2</sup>Saint George's University, Grenada, Grenada, Grenada <sup>3</sup>Rutgers University, Surgery, Newark, NEW JERSEY, USA

**15.09. Money Well Spent? Cost/Utilization Analysis of**

**Prophylactic IVC Filter in High Risk Trauma Patients.** M. N. Carlin<sup>1,2</sup>, A. Daneshpajouh<sup>1,2</sup>, J. Catino<sup>1</sup>, M. Bukur<sup>3</sup> <sup>1</sup>Delray Medical Center, Trauma, Delray, FL, USA <sup>2</sup>Larkin Community Hospital, General Surgery, South Miami, FL, USA <sup>3</sup>Bellevue Hospital Center, Trauma, New York, NY, USA

**15.10. Economic Evaluations of Comprehensive Geriatric**

**Assessment in Surgical Patients: A Systematic Review.** G. Eamer<sup>1,3</sup>, B. Saravana-Bawan<sup>1</sup>, B. Van Der Westhuizen<sup>1</sup>, T. Chambers<sup>2</sup>, A. Ohinmaa<sup>3</sup>, R. G. Khadaroo<sup>1</sup> <sup>1</sup>University Of Alberta, General Surgery, Edmonton, ALBERTA, Canada <sup>2</sup>University Of Alberta, Libraries, Edmonton, ALBERTA, Canada <sup>3</sup>University Of Alberta, School Of Public Health, Edmonton, ALBERTA, Canada

**15.11. Patients with Benign Gallstone Disease Should Be**

**Admitted to a Surgical Team.** V. Sandoval<sup>1</sup>, J. T. Brady<sup>1</sup>, M. E. Kelly<sup>2</sup>, S. R. Steele<sup>1</sup>, V. P. Ho<sup>1</sup> <sup>1</sup>University Hospitals Case Medical Center, Surgery, Cleveland, OH, USA <sup>2</sup>Case Western Reserve University School Of Medicine, Cleveland, OH, USA

**15.12. Cost effectiveness of laparoscopic vs open appendectomy**

**in developing nations, a Colombian analysis.** S. Rey<sup>1</sup>, A. Ruiz Patino<sup>1</sup>, G. Molina<sup>1</sup>, S. Rugeles<sup>1</sup> <sup>1</sup>Hospital Universitario San Ignacio, Department Of Surgery, Bogota, DC, Colombia

**15.13. Understanding Resource Utilization in Congenital**

**Heart Disease.** A. Eckhauser<sup>1</sup>, J. Marietta<sup>3</sup>, N. Pinto<sup>2</sup>, M. Puchalski<sup>2</sup> <sup>1</sup>University Of Utah, Cardiothoracic Surgery/Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Cardiology/Pediatrics, Salt Lake City, UT, USA <sup>3</sup>Primary Children's Hospital, Salt Lake City, UT, USA

**15.14. Surgical ICU Test Stewardship: Checking the Checklist.**

B. K. Yorkgitis<sup>1</sup>, J. Loughlin<sup>2</sup>, Z. Gandee<sup>2</sup>, H. H. Bates<sup>2</sup>, C. Huang<sup>2</sup>, G. Weinhouse<sup>2</sup> <sup>1</sup>University Of Florida College Of Medicine-Jacksonville, Division Of Acute Care Surgery, Jacksonville, FL, USA <sup>2</sup>Brigham And Women's Hospital, Surgical ICU Transnational Research Center, Boston, MA, USA

**15.15. Pre-Surgical Renal Mass Biopsy Reduces Upfront**

**Treatment Costs for Small Renal Masses (SRMs).** M. C. Roza<sup>1</sup>, T. J. Ziemlewicz<sup>2</sup>, S. L. Best<sup>1</sup>, S. A. Wells<sup>2</sup>, M. G. Lubner<sup>2</sup>, J. Hinshaw<sup>1,2</sup>, F. Shi<sup>1</sup>, F. T. Lee<sup>2</sup>, S. Y. Nakada<sup>1</sup>, E. Abel<sup>1</sup> <sup>1</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Urology, Madison, WI, USA <sup>2</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Radiology, Madison, WI, USA

**15.16. Outcomes and Costs for Thoracoscopic Alone Versus**

**Robotic Assisted Thoracoscopic Procedures.** M. Eby<sup>1</sup>, J. Parreco<sup>1</sup>, R. Martinez<sup>1</sup>, R. Kozol<sup>1</sup> <sup>1</sup>University Of Miami, General Surgery, Miami, FL, USA

**15.17. Value of the Cholecystokinin stimulated HIDA scan in**

**evaluating Abdominal Pain in Children.** N. A. Markwith<sup>1</sup>, J. A. Taylor<sup>1</sup>, S. D. Larson<sup>1</sup>, D. Solomon<sup>1</sup>, W. Drane<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Pediatric Surgery, Gainesville, FL, USA

**15.18. Early Appendectomy Results in Lower Costs in Children**

**with Perforated Appendicitis.** J. T. Church<sup>1</sup>, E. J. Klein<sup>1</sup>, B. D. Carr<sup>1</sup>, S. W. Bruch<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**15.19. Guideline Maximizes Non-operative Management and**

**Return to Function in Blunt Hepatic Trauma.** M. E. Wooster<sup>2</sup>, M. Spalding<sup>1</sup>, A. Betz<sup>1</sup>, S. Sellers<sup>1</sup>, J. Balingcongan<sup>1</sup>, S. O'Mara<sup>1</sup> <sup>1</sup>Grant Medical Center, Trauma Surgery And Critical Care, Columbus, OH, USA <sup>2</sup>Doctors Hospital, General Surgery, Columbus, OH, USA

**15.20. Postoperative Bacteremia: Concordance with Cultures from**

**Other Sites.** L. R. Copeland-Halperin<sup>1</sup>, J. Stodghill<sup>1</sup>, E. Emery<sup>1</sup>, A. W. Trickey<sup>1</sup>, J. Dort<sup>1</sup> <sup>1</sup>Inova Fairfax Hospital, Surgery, Falls Church, VA, USA

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 16. CLINICAL/OUTCOMES: CROSS DISCIPLINARY QUICKSHOT

SCHUBERT

**MODERATORS: Vanita Ahuja, MD & Emily Winslow, MD**

**16.01. Unstable C-2 Fractures: Does Age Matter?** A. X. Samayoa<sup>1</sup>, K. Foley<sup>1</sup>, A. Konopitski<sup>1</sup>, C. Hodge<sup>1</sup>, J. Yuschak<sup>1</sup>, T. Vu<sup>1</sup>, R. Shadis<sup>1</sup> <sup>1</sup>Abington Jefferson Health, Surgery, Abington, PA, USA

**16.02. Decision-Making About the Extent of Surgery for Papillary Thyroid Microcarcinoma.** A. K. Price<sup>1</sup>, R. W. Randle<sup>1</sup>, D. F. Schneider<sup>1</sup>, R. S. Sippel<sup>1</sup>, S. C. Pitt<sup>1</sup> <sup>1</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA

**16.03. Linked-Data Outcomes Research Demonstrates Age Related Trends in Australian Vascular Surgery.** S. J. Aitken<sup>1,2,3</sup>, V. J. Naganathan<sup>1,3</sup>, F. Blyth<sup>1,3</sup> <sup>1</sup>University Of Sydney, Concord Clinical School, Sydney, NSW, Australia <sup>2</sup>Royal Australasian College Of Surgeons, Adelaide, South Australia, Australia <sup>3</sup>Concord Repatriation General Hospital, Concord Institute Of Academic Surgery, Sydney, NSW, Australia

**16.04. Analysis of Graft Loss after Elderly Renal Transplantation using a National Registry Database.** S. A. Kelso<sup>2</sup>, J. A. Pineda<sup>1</sup>, M. C. Prikis<sup>3</sup>, C. E. Marroquin<sup>1</sup> <sup>1</sup>University Of Vermont Medical Center, Division Of Transplant Surgery And Immunology, Burlington, VT, USA <sup>2</sup>University Of Vermont, College Of Medicine, Burlington, VT, USA <sup>3</sup>University Of Vermont Medical Center, Division Of Nephrology, Burlington, VT, USA

**16.05. Non-Self-Disclosed Payments Reported in the Open Payments Database Do Not Affect Study Favorability.** D. V. Cherla<sup>1</sup>, B. Ibeche<sup>1</sup>, K. M. Mueck<sup>1</sup>, J. L. Holihan<sup>1</sup>, M. Moses<sup>1</sup>, J. R. Flores<sup>1</sup>, O. Olavarria<sup>1</sup>, C. Hannon<sup>1</sup>, T. C. Ko<sup>1</sup>, L. S. Kao<sup>1</sup>, M. K. Liang<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA

**16.06. A Practical Preoperative Geriatric Evaluation.** K. Khan<sup>1</sup>, Y. Chou<sup>1</sup>, S. E. Wozniak<sup>1</sup>, J. Coleman<sup>1</sup>, V. Ahuja<sup>1</sup>, M. R. Katlic<sup>1</sup> <sup>1</sup>Sinai Hospital, General Surgery, Baltimore, MD, USA

**16.07. Reconciling Surgical Outcome with Quality of Life: The Ethical Dilemma.** L. Sparber<sup>1</sup>, A. Warman<sup>3</sup>, R. McLeod-Sordjan<sup>1,5</sup>, V. Patel<sup>4,5</sup>, R. Barrera<sup>4,5</sup>, W. Doscher<sup>1,4,5</sup> <sup>1</sup>Northwell Health System - Long Island Jewish Medical Center, Division Of Medical Ethics - Department Of Medicine, New Hyde Park, NY, USA <sup>3</sup>Duke University, Durham, NORTH CAROLINA, USA <sup>4</sup>Northwell Health System - Long Island Jewish Medical Center, Department Of Surgery, New Hyde Park, NY, USA <sup>5</sup>Hofstra University School Of Medicine, Hempstead, NY, USA

**16.08. Factors Predicting Radiation Therapy in Early Stage Breast Cancer in Patients Age 70 and Over.** S. Larson<sup>1</sup>, B. Anderson<sup>2</sup>, G. Levenson<sup>3</sup>, H. Neuman<sup>1</sup>, C. Greenberg<sup>1</sup>, L. Wilke<sup>1</sup>, J. Steiman<sup>1</sup> <sup>3</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>1</sup>University Of Wisconsin, General Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Human Oncology, Madison, WI, USA

**16.09. Comparison of Outcomes Among Patients With Abdominal Compartment Syndrome in Medical or Surgical ICU.** J. Nguyen<sup>1</sup>, M. Noory<sup>1</sup>, L. Capano-Wehrle<sup>1</sup>, J. Gaughan<sup>1</sup>, J. Hazelton<sup>1</sup> <sup>1</sup>Cooper University Hospital, Trauma And Surgical Critical Care, Camden, NJ, USA

**16.10. Interdisciplinary Morbidity and Mortality Conference, A Method for System-Wide Improvement.** C. J. Tignanelli<sup>1</sup>, G. G. Embree<sup>2</sup>, A. Barzin<sup>3</sup> <sup>1</sup>University Of North Carolina, Department Of Surgery, Chapel Hill, NC, USA <sup>2</sup>University Of North Carolina, Division Of Preventive Medicine, Chapel Hill, NC, USA <sup>3</sup>University Of North Carolina, Department Of Family Medicine, Chapel Hill, NC, USA

**16.11. The Readability of Psychosocial Wellness Patient Resources: Improving Surgical Outcomes.** M. A. Kugar<sup>1</sup>, A. C. Cohen<sup>1</sup>, W. Wooden<sup>1</sup>, S. S. Tholpady<sup>1</sup>, M. Chu<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Indianapolis, IN, USA

**16.12. Can Surgeons Still Be Scientists? Productivity Remains High Despite Competitive Funding .** A. K. Narahari<sup>1</sup>, E. J. Charles<sup>1</sup>, J. H. Mehaffey<sup>1</sup>, R. B. Hawkins<sup>1</sup>, A. K. Sharma<sup>1</sup>, V. E. Laubach<sup>1</sup>, C. G. Tribble<sup>1</sup>, I. L. Kron<sup>1</sup> <sup>1</sup>University Of Virginia, Division Of Thoracic And Cardiovascular Surgery, Department Of Surgery, Charlottesville, VA, USA

**16.14. Improved Outcomes after Operative Intervention for Secondary Lymphedema.** E. I. Chang<sup>1</sup>, J. Balaicuis<sup>1</sup>, J. Buhler<sup>1</sup>, W. Morgan<sup>1</sup>, A. Nadler<sup>1</sup>, J. M. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Plastic And Reconstructive Surgery, Philadelphia, PA, USA

**16.15. Withdrawal of Life Sustaining Treatments in Trauma Patients Without Severe Head Injury.** J. Leonard<sup>1</sup>, S. Polites<sup>2</sup>, A. Glasgow<sup>2</sup>, N. Martin<sup>1</sup>, E. Habermann<sup>2</sup> <sup>1</sup>University Of Pennsylvania, Philadelphia, PA, USA <sup>2</sup>Mayo Clinic, Rochester, MN, USA

**16.16. Neurocognitive Performance Profile Post-Parathyroidectomy: A Pilot Study of Computerized Assessment.** C. Bell<sup>1</sup>, M. Warrick<sup>1</sup>, N. Baregamian<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA

**16.17. Defining Intrinsic Operative Risk Separate from Patient Factors for Preoperative Evaluations.** J. B. Liu<sup>1,4</sup>, Y. Liu<sup>1</sup>, M. E. Cohen<sup>1</sup>, C. Y. Ko<sup>1,3</sup>, K. Y. Bilimoria<sup>1,2</sup>, B. J. Sweitzer<sup>2</sup> <sup>1</sup>American College Of Surgeons, Chicago, IL, USA <sup>2</sup>Northwestern University, Chicago, IL, USA <sup>3</sup>University Of California - Los Angeles, Los Angeles, CA, USA <sup>4</sup>University Of Chicago, Chicago, IL, USA

**16.19. Analytic Morphomics And Geriatric Assessment Predict Pancreatic Fistula After Pancreaticoduodenectomy.** A. J. Benjamin<sup>1</sup>, A. Schneider<sup>1</sup>, M. M. Buschmann<sup>2</sup>, B. A. Derstine<sup>4</sup>, S. C. Wang<sup>3,4</sup>, W. Dale<sup>2</sup>, K. Roggin<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA <sup>2</sup>University Of Chicago, Geriatrics & Palliative Medicine, Chicago, IL, USA <sup>3</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>4</sup>University Of Michigan, Morphomic Analysis Group, Ann Arbor, MI, USA

**16.20. Impact of Symptom Association Probability on Outcomes of Laparoscopic Nissen Fundoplication.** A. D. Jalilvand<sup>1</sup>, S. E. Martin Del Campo<sup>1</sup>, J. W. Hazey<sup>1</sup>, K. A. Perry<sup>1</sup> <sup>1</sup>Ohio State University, Columbus, OH, USA

**16.21. Use of I2b2 Cohort Discovery Tool to Identify Potentially Unrecognized Primary Hyperparathyroidism.** J. Park<sup>1</sup>, K. Doffek<sup>1</sup>, T. W. Yen<sup>1</sup>, K. E. Coan<sup>1</sup>, T. S. Wang<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgical Oncology, Milwaukee, WI, USA

**16.22. Intraoperative Parathyroid Identification Not Associated with Increased Permanent Hypoparathyroidism.** J. Zagzag<sup>1</sup>, R. Rokosh<sup>1</sup>, K. S. Heller<sup>1</sup>, J. Ogilvie<sup>1</sup>, K. Patel<sup>1</sup>, A. Kundel<sup>1</sup> <sup>1</sup>New York University School Of Medicine, New York, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

## Integrated Quick Shot Presentation Sessions I

### 17. CLINICAL/OUTCOMES: PATIENT CENTERED OUTCOMES QUICKSHOT

STRAUSS

**MODERATORS: Paul D. DiMusto, MD & Rachel R. Kelz, MD, MSCE**

- 17.01. Duct-to-Duct Bile Duct Reconstruction in Liver Transplant for Primary Sclerosing Cholangitis (PSC).** S. Chanthongthip<sup>1</sup>, C. A. Kubal<sup>1</sup>, B. Ekser<sup>1</sup>, J. A. Fridell<sup>1</sup>, R. S. Mangus<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Transplant, Indianapolis, IN, USA
- 17.02. Improving Outcomes in use of Extended Criteria Donors of Liver Allografts: A National Analysis.** R. Davis<sup>1</sup>, M. S. Mulvihill<sup>1</sup>, B. A. Yerokun<sup>1</sup>, M. G. Hartwig<sup>1</sup>, A. S. Barbas<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA
- 17.03. Medial Row Perforators: Higher Rates of Fat Necrosis in Bilateral DIEP Breast Reconstruction.** B. Tran<sup>1</sup>, P. Kamali<sup>1</sup>, M. Lee<sup>1</sup>, B. E. Becherer<sup>1</sup>, W. Wu<sup>1</sup>, D. Curiel<sup>1</sup>, A. Tobias<sup>1</sup>, S. J. Lin<sup>1</sup>, B. T. Lee<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Surgery/Plastic And Reconstructive Surgery, Boston, MA, USA
- 17.04. Use of Enhanced Recovery Protocol in Kidney Transplant to Improve Postoperative Length of Stay.** C. Schaidle-Blackburn<sup>1</sup>, A. Kothari<sup>1</sup>, P. Kuo<sup>1</sup>, D. DiSabato<sup>1</sup>, J. Almario-Alvarez<sup>1</sup>, R. Batra<sup>1</sup>, R. Garcia-Roca<sup>1</sup>, A. Desai<sup>1</sup>, A. Lu<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Intra-abdominal Transplant, Maywood, IL, USA
- 17.05. Minimalist Approach to Sedation in TAVR May Decrease Incidence of Post-Procedural Dysphagia .** L. Mukdad<sup>1</sup>, W. Toppen<sup>1,3</sup>, K. Kim<sup>1</sup>, S. Barajas<sup>1</sup>, R. Shemin<sup>1</sup>, A. Mendelsohn<sup>2</sup>, P. Benharash<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Cardiac Surgery, Los Angeles, CA, USA <sup>2</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Head And Neck Surgery, Los Angeles, CA, USA <sup>3</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Internal Medicine, Los Angeles, CA, USA
- 17.06. "Patterns of Liver Discard in Texas - Why Are Older Donors Not Used?"** S. Gotewal<sup>1</sup>, C. Hwang<sup>1</sup>, J. Reese<sup>1</sup>, J. Parekh<sup>1</sup>, M. MacConmara<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Transplant, Dallas, TEXAS, USA
- 17.07. Infections During the First Year Post-transplant in Adult Intestine Transplant Recipients.** J. W. Clouse<sup>1</sup>, C. A. Kubal<sup>1</sup>, B. Ekser<sup>1</sup>, J. A. Fridell<sup>1</sup>, R. S. Mangus<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Department Of Surgery, Transplant Division, Indianapolis, IN, USA
- 17.08. Association between donor hemoglobin A1c and recipient liver transplant outcomes: a national analysis.** B. A. Yerokun<sup>1</sup>, M. S. Mulvihill<sup>1</sup>, R. P. Davis<sup>1</sup>, M. G. Hartwig<sup>1</sup>, A. S. Barbas<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA
- 17.09. Overall Survival Following Salvage Liver Transplant for Hepatocellular Carcinoma.** J. P. Silva<sup>1</sup>, N. G. Berger<sup>1</sup>, T. C. Gambelin<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgical Oncology, Milwaukee, WI, USA
- 17.10. Living Kidney Donor-Recipient Relationship and Development of Post-donation Comorbidities.** J. McLeod<sup>1</sup>, C. Carroll<sup>1</sup>, W. Summers<sup>1</sup>, C. Baxter<sup>1</sup>, R. Deierhoi<sup>1</sup>, P. MacLennan<sup>1</sup>, J. E. Locke<sup>1</sup> <sup>1</sup>University Of Alabama, Birmingham, Alabama, USA
- 17.11. Survival outcomes in octogenarians with early stage, non-small cell lung cancer in the recent era.** W. M. Whited<sup>1</sup>, E. Schumer<sup>1</sup>, J. Trivedi<sup>1</sup>, M. Bousamra<sup>1</sup>, V. Van Berkel<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Cardiovascular And Thoracic Surgery, Louisville, KY, USA
- 17.12. Long-Term Follow Up of Activity Levels and Lifestyle Choices After Esophagectomy .** Z. El-Zein<sup>1</sup>, S. Barnett<sup>1</sup>, J. Lin<sup>1</sup>, W. Lynch<sup>1</sup>, R. Reddy<sup>1</sup>, A. Chang<sup>1</sup>, M. Orringer<sup>1</sup>, P. Carrott<sup>1</sup> <sup>1</sup>University Of Michigan, Section Of Thoracic Surgery, Ann Arbor, MI, USA
- 17.13. Distal Perfusion Catheters Reduce Vascular Complications Associated with Veno-Arterial ECMO Therapy..** Y. Sanaiha<sup>1</sup>, G. R. Ramos<sup>1</sup>, Y. Juo<sup>1</sup>, J. C. Jimenez<sup>1</sup>, P. B. Benharash<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, Division Of General Surgery, Los Angeles, CA, USA
- 17.14. Surgical Management of Adolescents and Young Adults with GIST: A Population-Based Analysis.** K. E. Fero<sup>1</sup>, T. M. Coe<sup>5</sup>, J. D. Murphy<sup>4</sup>, J. K. Sicklick<sup>2</sup> <sup>1</sup>University Of California - San Diego, School Of Medicine, San Diego, CA, USA <sup>2</sup>University Of California - San Diego, Division Of Surgical Oncology And Department Of Surgery, San Diego, CA, USA <sup>3</sup>University Of California - San Diego, Division Of Medical Oncology And Department Of Medicine, San Diego, CA, USA <sup>4</sup>University Of California - San Diego, Radiation Medicine And Applied Sciences, San Diego, CA, USA <sup>5</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA
- 17.15. Impact of Deceased Donor Cardiac Arrest Time on Post-Liver Transplant Graft Function and Survival.** J. R. Schroering<sup>1</sup>, C. A. Kubal<sup>1</sup>, B. Ekser<sup>1</sup>, J. A. Fridell<sup>1</sup>, R. S. Mangus<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Indianapolis, IN, USA
- 17.16. Outcomes Following Cholecystectomy in Kidney Transplant Recipients.** S. R. DiBrito<sup>1,2</sup>, I. Olorundare<sup>1,2</sup>, C. Holscher<sup>1,2</sup>, C. Haugen<sup>1,2</sup>, Y. Alimi<sup>2,3</sup>, D. Segev<sup>1,2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Transplant Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins School Of Public Health, Baltimore, MD, USA <sup>3</sup>Georgetown University Medical Center, Washington, DC, USA
- 17.17. Cluster Analysis of Acute Type A Aortic Dissection Results in a Modified DeBakey Classification.** J. L. Philip<sup>1</sup>, B. Rademacher<sup>1</sup>, C. B. Goodavish<sup>2</sup>, P. D. DiMusto<sup>3</sup>, N. C. De Oliveira<sup>2</sup>, P. C. Tang<sup>2</sup> <sup>1</sup>University Of Wisconsin, General Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Cardiothoracic Surgery, Madison, WI, USA <sup>3</sup>University Of Wisconsin, Vascular Surgery, Madison, WI, USA
- 17.18. Prognostic effect of lymph node ratio after curative-intent resection for distal cholangiocarcinoma.** A. Y. Son<sup>1</sup>, R. Shenoy<sup>1</sup>, C. G. Ethun<sup>2</sup>, G. Poultsides<sup>3</sup>, K. Idrees<sup>4</sup>, R. C. Fields<sup>5</sup>, S. M. Weber<sup>6</sup>, R. C. Martin<sup>7</sup>, P. Shen<sup>11</sup>, C. Schmidt<sup>9</sup>, S. K. Maithe<sup>12</sup>, T. M. Pawlik<sup>10</sup>, M. Melis<sup>1</sup>, E. Newman<sup>1</sup>, I. Hatzaras<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Surgery, New York, NY, USA <sup>2</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA <sup>3</sup>Stanford University, Surgery, Palo Alto, CA, USA <sup>4</sup>Vanderbilt University Medical Center, Surgery, Nashville, TN, USA <sup>5</sup>Washington University, Surgery, St. Louis, MO, USA <sup>6</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>7</sup>University Of Louisville, Surgery, Louisville, KY, USA <sup>8</sup>Ohio State University, Surgery, Columbus, OH, USA <sup>9</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA <sup>10</sup>Wake Forest University School Of Medicine, Surgery, Winston-Salem, NC, USA
- 17.19. Risk Factors Necessitating Early Ophthalmologic Evaluation of Facial Burns.** S. J. Day<sup>1</sup>, A. Patel<sup>1</sup>, D. E. Bell<sup>1</sup> <sup>1</sup>University Of Rochester, School Of Medicine And Dentistry, Rochester, NY, USA
- 17.20. Chemotherapy versus Chemoradiotherapy for Resected Pancreatic Cancer: Defining the Optimal Regimen.** C. Mosquera<sup>1</sup>, L. M. Hunter<sup>1</sup>, T. L. Fitzgerald<sup>1</sup> <sup>1</sup>East Carolina University Brody School Of Medicine, Surgical Oncology, Greenville, NC, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Quick Shot Presentation Sessions I

#### 18. EDUCATION: RESIDENT EDUCATION 1 QUICKSHOT

VIVALDI

**MODERATORS: Juan Asensio, MD, FCCM, FRCS & Garth Jacobsen, MD**

#### 18.01. Residents' Response To Bleeding During A Simulated

**Robotic Surgery Experience**. J. L. Walker<sup>1</sup>, J. N. Nathwani<sup>1</sup>, S. Laufer<sup>1</sup>, F. F. Joczewicz<sup>1</sup>, C. M. Pugh<sup>1</sup> <sup>1</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WISCONSIN, USA

#### 18.02. Development of a Technical Rating Scale for Laparoscopic Cholecystectomy Based on Expert Consensus.

R. Rao<sup>1</sup>, R. Caskey<sup>1</sup>, N. Williams<sup>1</sup>, D. Dempsey<sup>1</sup>, J. Morris<sup>1</sup>, K. Dumon<sup>1</sup>, A. D. Brooks<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Division Of Surgical Education, Philadelphia, PA, USA

#### 18.03. Validation of measures from a novel thoracoscopic

**pulmonary lobectomy simulator.** B. Schwab<sup>1,2</sup>, D. M. Rooney<sup>3</sup>, K. A. Barsness<sup>2,4</sup> <sup>4</sup>Ann And Robert H. Lurie Children's Hospital Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>1</sup>Northwestern University, Department Of Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University, Department Of Medical Education, Chicago, IL, USA <sup>3</sup>University Of Michigan, Department Of Learning Health Sciences, Ann Arbor, MI, USA

#### 18.04. Are We Asking Too Much? Integrating Technical and

**Non-Technical Skills Training in Trauma Surgery.** A. Alken<sup>1</sup>, M. Weenk<sup>1</sup>, J. Luursema<sup>1</sup>, C. Fluit<sup>2</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboud University Nijmegen Medical Center, Surgery, Nijmegen, GLD, Netherlands <sup>2</sup>Radboud University Nijmegen Medical Center, Health Academy, Nijmegen, GLD, Netherlands

#### 18.05. Can Surgeons Become Effective Coaches? Development

**of a Rubric for Formative and Summative Evaluation.** S. R. Pavuluri Quamme<sup>1</sup>, H. L. Beasley<sup>1</sup>, N. A. Brys<sup>1</sup>, H. N. Ghousseini<sup>1</sup>, D. A. Wiegmann<sup>1</sup>, Y. Ma<sup>1</sup>, J. C. Dombrowski<sup>1</sup>, G. E. Levenson<sup>1</sup>, L. L. Frasier<sup>1</sup>, C. C. Greenberg<sup>1</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA

#### 18.06. Does Case Volume Influence ABSITE Performance?

R. A. Marmor<sup>1</sup>, E. Hastings<sup>2</sup>, R. Galzote<sup>1</sup>, J. T. Unkart<sup>1</sup>, J. K. Sicklick<sup>1</sup>, G. R. Jacobsen<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA <sup>2</sup>University Of California - San Diego, Economics, San Diego, CA, USA

#### 18.07. Medical School Boot Camp: Impact on Surgical Skills for Interns.

H. Hasan<sup>1</sup>, M. Malinowski<sup>1</sup>, M. Goldblatt<sup>1</sup>, R. Treat<sup>1</sup>, T. Carver<sup>1</sup>, L. Olson<sup>1</sup>, P. Redlich<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA

#### 18.08. The Impact of Procedural Training on Pregnancy and

**Maternity Outcomes in Residents and Fellows.** R. E. Scully<sup>1</sup>, N. Melnitchouk<sup>1</sup>, J. Davids<sup>2</sup> <sup>1</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>2</sup>University Of Massachusetts Medical Center, Worcester, MA, USA

#### 18.09. Single-Site Robotic Cholecystectomy and Robotics

**Training: Should We Start in the Junior Years?.** R. I. Ayabe<sup>1</sup>, A. Parrish<sup>1</sup>, C. Dauphine<sup>1,2</sup>, D. M. Hari<sup>1,2</sup>, J. Ozao-Choy<sup>1,2</sup> <sup>1</sup>Harbor UCLA Medical Center, Department Of Surgery, Torrance, CA, USA <sup>2</sup>David Geffen School Of Medicine At UCLA, Los Angeles, CA, USA

#### 18.10. Through The Eyes of an Expert: A Comparison of Surgeon Gaze Behaviours During Gastric Bypass.

S. Erridge<sup>1</sup>, H. Ashraf<sup>1</sup>, S. Purkayastha<sup>1</sup>, A. Darzi<sup>1</sup>, M. H. Sodergren<sup>1</sup> <sup>1</sup>Imperial College London, Department Of Surgery & Cancer, London, London, United Kingdom

#### 18.11. Using Simulation to Assess Indirect Supervision Readiness for ACGME Common Program Requirements.

J. A. McClintic<sup>1</sup>, C. L. Snyder<sup>1</sup>, K. M. Brown<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Department Of Surgery, Galveston, TEXAS, USA

#### 18.12. Beyond 250: A Comprehensive Strategy to Maximize the

**Operative Experience for Junior Residents.** J. M. Healy<sup>1</sup>, M. W. Maxfield<sup>1</sup>, D. J. Solomon<sup>1</sup>, W. E. Longo<sup>1</sup>, P. S. Yoo<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA

#### 18.13. Surgical Trainees as Teachers: A Self-Reflection Exercise Using the Teaching Perspectives Inventory.

C. F. McNicoll<sup>1</sup>, P. Patel<sup>1</sup>, P. J. Chestovich<sup>1</sup>, G. L. Allenback<sup>1</sup>, D. A. Kuhls<sup>1</sup>, J. L. Baynosa<sup>1</sup>, G. K. Shen<sup>1</sup>, J. J. Fildes<sup>1</sup> <sup>1</sup>University Of Nevada School Of Medicine, Surgery, Las Vegas, NV, USA

#### 18.14. Guiding Resident Autonomy Through Constructive Friction.

G. Sandhu<sup>1</sup>, V. C. Nikolian<sup>1</sup>, C. P. Magas<sup>1</sup>, D. C. Sutzko<sup>1</sup>, N. Matusko<sup>1</sup>, R. M. Minter<sup>2</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA

#### 18.15. Interactive Online Course on Perioperative Management in the Elderly..

E. Ozturk<sup>1</sup>, M. Van Iersel<sup>5</sup>, K. Van Loon<sup>2</sup>, C. Den Rooyen<sup>2</sup>, J. Klaasse<sup>4</sup>, R. De Lind Van Wijngaarden<sup>3</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboud University Nijmegen Medical Center, General Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>KNMG, Utrecht, UTRECHT, Netherlands <sup>3</sup>Hart Long Centrum Leiden, Cardiothoracic Surgery, Leiden, ZUID-HOLLAND, Netherlands <sup>4</sup>Medisch Spectrum Twente, Enschede, OVERIJSEL, Netherlands <sup>5</sup>Radboud University Nijmegen Medical Center, Geriatrics, Nijmegen, GELDERLAND, Netherlands

#### 18.16. The Quality In-Training Initiative: Giving Residents Data to Learn Clinical Effectiveness.

M. M. Sellers<sup>1,2</sup>, M. Fordham<sup>3</sup>, C. W. Miller<sup>3</sup>, C. Y. Ko<sup>3</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Center For Surgery And Health Economics Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Mount Sinai School Of Medicine, Department Of General Surgery, New York, NY, USA <sup>3</sup>American College Of Surgeons, National Surgical Quality Improvement Program, Chicago, IL, USA

#### 18.17. US Training & Utilization in Surgical Critical Care Fellow-

**ships: A Program Director's Survey.** B. K. Yorkgitis<sup>1</sup>, E. Bryant<sup>2</sup>, G. B<sup>2</sup>, P. Bendix<sup>2</sup>, E. Kelly<sup>2</sup>, J. Ra<sup>1</sup>, A. Salim<sup>2</sup>, R. Askari<sup>2</sup> <sup>1</sup>University Of Florida College Of Medicine- Jacksonville, Division Of Acute Care Surgery, Jacksonville, FL, USA <sup>2</sup>Brigham And Women's Hospital, Trauma Burns And Surgical Critical Care, Boston, MA, USA

#### 18.18. Racial, Ethnic and Gender Trend Differences between Integrated and General Surgery Residencies.

J. Unkart<sup>1</sup>, C. M. Reid<sup>1</sup>, M. G. Brandel<sup>2</sup>, C. J. Kelly<sup>2</sup>, A. M. Wallace<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA <sup>2</sup>University Of California - San Diego, School Of Medicine, SAN DIEGO, CA, USA

#### 18.19. I Need an Intraoperative Resident Feedback System

**STAT! - Using Smart-Phones for Evaluations.** A. B. Schneider<sup>1</sup>, A. J. Benjamin<sup>1</sup>, A. Suah<sup>1</sup>, P. Roach<sup>3</sup>, M. Posner<sup>1</sup>, J. Matthews<sup>1</sup>, N. Schindler<sup>2</sup>, K. K. Roggin<sup>1</sup> <sup>2</sup>Northshore University Health System, Department Of Surgery, Evanston, IL, USA <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>3</sup>Captain James A. Lovell Federal Health Care Center, Surgery, Chicago, IL, USA

#### 18.20. The Energy Leadership Index: A Tool to Measure and Improve Resident Wellbeing.

E. S. Lee<sup>1</sup>, J. S. Tieman<sup>1</sup>, J. R. Damian<sup>1</sup>, C. Martinez<sup>1</sup>, D. Boggs<sup>1</sup>, V. N. Nfonam<sup>1</sup>, H. McClafferty<sup>2</sup>, T. Leighn<sup>3</sup>, L. A. Neumayer<sup>1</sup>, T. S. Riall<sup>1</sup> <sup>1</sup>University Of Arizona, Department Of Surgery, College Of Medicine, Tucson, AZ, USA <sup>2</sup>University Of Arizona, Arizona Center For Integrative Medicine, Tucson, AZ, USA <sup>3</sup>Well Beyond Ordinary, Portland, OR, USA

TUESDAY

WEDNESDAY

THURSDAY

9:30 AM - 10:00 AM **Morning Break in Exhibit Area** ENCORE BALLROOM 2

10:00 AM - 10:15 AM **Opening Comments** ENCORE BALLROOM 4-8

**Caprice C. Greenberg, MD, MPH, AAS President & Rebecca M. Minter, MD, SUS President**

10:15 AM - 10:45 AM **SUS Lifetime Achievement Award** ENCORE BALLROOM 4-8



**Ronald W. Busuttil, MD, MS, PhD**

Distinguished Professor and William P. Longmire, Jr. Chair in Surgery  
UCLA David Geffen School of Medicine

**INTRODUCTION BY: O. Joe Hines, MD**

10:45 AM - 11:30 AM **SUS Presidential Address** ENCORE BALLROOM 4-8

***"Passion, Integrity, Resilience – Core Values to Carry Us Forward"***



**Rebecca M. Minter, MD**

Professor and the Alvin Baldwin Jr. Chair in the Department of Surgery, Chief of the Division of Surgical Oncology's Section of Hepatopancreatobiliary Surgery, Vice Chair of Clinical Operations and Finance for the Department of Surgery, UT Southwestern Medical Center

**INTRODUCTION BY: Taylor S. Riall, MD, PhD**

In an ever-changing and extraordinarily complex healthcare environment, our academic surgery community must help to define the path forward. While there are significant risks and potential barriers in the current environment, re-defining our core values and focusing on creating a future state which nurtures and supports the development of surgical science and our future surgical leaders has never been more important.

11:30 AM - 1:00 PM **Conference Luncheon** CHOPIN PATIO

**OR**

11:30 AM - 1:00 PM **Hot Topic Session 1** BEETHOVEN 1-2

***"Global Surgery: Just a Hobby or a Viable Academic Career Path?"***

**SESSION CHAIRS & MODERATORS: Benedict C. Nwomeh, MD and Sudha Jayaraman, MD, MSc**

- Principles of Academic Global Surgery:  
How Can Mission Trip Actually be Anything Academic? – Fiemu Nwariaku, MD
- Surgical Training and the Bidirectional Benefits of International Surgery Rotations for  
Both Visiting US Trainees and Hosting International Trainees – Marissa Boeck, MD, Sam South, MD, and  
Selma Siddiqui, MD
- Advocacy as a Surgeon and the Role of #REVERSEMENTORING – Issy Marks, Varshini Cherukupalli, and  
Waruguru Wanjau
- Building a Successful Academic Global Surgery Program – Ray Price, MD
- Recruiting an Academic Global Surgeon: Institutional ROI – Sudha Jayaraman, MD, MSc
- Getting Promoted as an Academic Global Surgeon – Sanjay Krishnaswami, MD
- Panel Discussion and Q&A – All Faculty

Attendees will hear surgeons who are leaders in academic #globalsurgery discuss pathways to success in the new field. A unique aspect of this session is the presentation by medical students and residents discussing their role in #reversementoring of their mentors.

### LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Understand how academic global surgery fits the 4 cardinal areas of academics: education, research, development, and advocacy



11:30 AM - 1:00 PM

### Issues Committee Session

ENCORE BALLROOM 4-8

#### ***"Finding Professional Balance in an Era of Scarce Resources: Can It Be Done"***

#### **SESSION CHAIRS & MODERATORS: Scott R. Steele, MD and Daniel E. Abbott, MD**

- Introduction – Scott R. Steele, MD
- Is It Really All About the Money? – Michael J. Zinner, MD
- How do Leaders Enable their Faculty to Achieve the Triple Threat Mission – Timothy Pawlik, MD, MPH, PhD
- How to Balance RVU Productivity with the Academic Mission – A New Chair's Perspective – Sandra L. Wong, MD
- How to Balance RVU Productivity with the Academic Mission – An Established Chair's Perspective – Jeffrey B. Matthews, MD
- The 10,000 Foot View—A Dean's Take – Michael J. Stamos, MD
- Panel Discussion – All Faculty

Traditional solutions to achieve balance frequently assume that all tasks can be done, and that balance of time is the solution; however, it is becoming more common that the balance of clinical and academic activities cannot be managed as before, requiring prioritization and elimination of certain tasks. The context of differential rewards, particularly salary and academic promotion, favors performance of certain activities to the detriment of others. How to balance, fund, value and incentivize the tripartite academic mission is a real challenge for academic departments and health systems in general, but also presents a material challenge for every individual surgeon. This symposium examines the complex topic of achieving professional balance in academic surgery.

#### **LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Implement a plan that describes factors a faculty applicant can be looking for in a job if they want to be academically productive
- Hypothesize why some departments/institutions are better than others at achieving the triple threat. Determine how is academic productivity funded for the new faculty member.
- Identify how a Dean and CFO can support those under them and still meet their academic and clinical productivity targets

1:00 PM - 2:30 PM

### SUS Presidential Session

ENCORE BALLROOM 4-8

#### ***"The Servant Leader"***

#### **INTRODUCTION BY: Rebecca M. Minter, MD, SUS President**

- What is a Servant Leader? – Janet Dombrowski, President, JCD Advisors
- Servant Leadership in the Development of Others – Layton "Bing" Rikkers, MD
- Serving the Broader Good of the Institution – Departmental Stewardship – Michael W. Mulholland, MD, PhD
- Creating a Culture Which Fosters Servant Leadership – from the Top Down – Mark Kelley, MD

The concept of servant leadership is an old one, defined as a leader who focuses on serving their community first and foremost rather than the collection of personal accolades. In many ways true servant leadership has been discouraged in the design of academic advancement, but is critical to our future success in an environment which demands collaboration and integration. In this session, the concept of servant leadership will be explored in the context of academic medicine at all levels of leadership.

### LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Define the concept of servant leadership and its application to academic medicine.
- Name 3 ways in which the servant leader can support and develop their faculty.
- Discuss approaches to stewardship within a larger organization.

2:30 PM - 3:00 PM

### **SUS Joel J. Roslyn Lecture** **"Precision Medicine: Hype or Hope?"**

ENCORE BALLROOM 4-8



### **Funda Meric-Bernstam, MD**

Department Chair, Department of Investigational Cancer Therapeutics, Medical Director, Khalifa Institute for Personalized Cancer Therapy, Professor, Department of Surgical Oncology, Division of Surgery, The University of Texas MD Anderson Cancer Center

**INTRODUCTION BY: Rebecca M. Minter, MD, SUS President**

3:00 PM - 3:30 PM

### **BJS Lecture** **"Crowdsourcing Surgical Data"**

ENCORE BALLROOM 4-8



### **Ewen M. Harrison, MB, ChB, PhD, FRCS**

Senior Lecturer in General Surgery, Consultant Transplant and Hepatobiliary Surgeon  
Director ChM General Surgery, GlobalSurg Research Collaborative  
Surgical and Perioperative Health Research (SPHeRe)  
Clinical Surgery  
University of Edinburgh

**INTRODUCTION BY: Rebecca M. Minter, MD, SUS President**

Crowdsourcing uses global communities to obtain needed services, ideas, or data. Can the principle be used to gather surgical outcomes data otherwise hard-to-reach regions? The GlobalSurg.org project has proven it can.

### LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Describe why diseases treated by surgery are poorly captured in epidemiological frameworks that focus on disease causes, not treatment needs.
- Understand the recent advances in mobile technology that are changing the methods by which surgical outcomes are determined.
- Report risk-adjusted differences in outcomes after emergency general surgery between rich and poor countries.

3:30 PM - 4:00 PM

### **Afternoon Break in the Exhibit Area**

ENCORE BALLROOM 2

TUESDAY

WEDNESDAY

THURSDAY

4:00 PM - 5:30 PM

### Basic Science Plenary

ENCORE BALLROOM 4-8

**MODERATORS: Clifford S. Cho, MD & Allan M. Goldstein, MD**

**19.01. Arid1a Has Context-Dependent Oncogenic and Tumor Suppressive Roles in Liver Cancer.** S. C. Wang<sup>1,2</sup>, X. Sun<sup>2</sup>, I. Nassour<sup>1,2</sup>, X. Luo<sup>2</sup>, J. Chuang<sup>2</sup>, L. Li<sup>2</sup>, T. Maples<sup>2</sup>, C. Celen<sup>2</sup>, L. H. Nguyen<sup>2,3</sup>, S. Zhang<sup>2</sup>, H. Zhu<sup>2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Division Of Surgical Oncology, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Children's Research Institute, Dallas, TX, USA <sup>3</sup>Howard Hughes Medical Institute, Chevy Chase, MD, USA

**19.02. Personalized Medicine in Cleft Lip and Palate: Functional Genomics Analysis of IRF6 Gene Variants.** E. Li<sup>1,2,3</sup>, B. Garrity<sup>1,2,3</sup>, D. Truong<sup>1,2,3</sup>, K. Mukherjee<sup>1,2,3</sup>, E. C. Liao<sup>1,2,3</sup> <sup>1</sup>Massachusetts General Hospital, Boston, MA, USA <sup>2</sup>Harvard Medical School, Boston, MA, USA <sup>3</sup>Harvard Stem Cell Institute, Cambridge, MA, USA

**19.03. Gut Microbiome Promotes Pancreatic Oncogenesis by Inducing Innate and Adaptive Immune Suppression.** M. Hundeyin<sup>1</sup>, S. Pushalkar<sup>1</sup>, D. Daley<sup>1</sup>, G. Werba<sup>1</sup>, N. Mohan<sup>1</sup>, S. Lall<sup>1</sup>, B. Wadowski<sup>1</sup>, B. Aykut<sup>1</sup>, E. Kurz<sup>1</sup>, U. Soni<sup>1</sup>, E. Morales-Vicente<sup>1</sup>, D. Saxena<sup>1</sup>, G. Miller<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Surgery, New York, NY, USA

**19.04. DNA released from PAD4-mediated NETosis enhances tumor growth in murine pancreatic cancer .** J. Miller-Ocuin<sup>1</sup>, W. R. Doerfler<sup>1</sup>, X. Liang<sup>1</sup>, B. Boone<sup>1</sup>, A. Singhi<sup>1</sup>, M. Lotze<sup>1</sup>, H. Zeh<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgical Oncology/Surgery/Medicine, Pittsburgh, PA, USA

**19.05. Protease Tailored Fluorogenic Substrates Outperform CEA in Identifying Mucinous Pancreatic Cysts.** D. A. Dominguez<sup>1</sup>, S. Ivry<sup>3</sup>, S. Hatcher<sup>3</sup>, E. Gilbert<sup>2</sup>, S. Kumar<sup>2</sup>, W. Park<sup>6</sup>, M. Schmidt<sup>7</sup>, R. Brand<sup>4</sup>, A. O'Donoghue<sup>5</sup>, K. Kirkwood<sup>2</sup>, C. Craik<sup>3</sup> <sup>1</sup>UCSF East Bay, Department Of General Surgery, Oakland, CA, USA <sup>2</sup>UCSF, Department Of General Surgery, San Francisco, CA, USA <sup>3</sup>UCSF, Department Of Pharmaceutical Chemistry, San Francisco, CA, USA <sup>4</sup>University Of Pittsburgh, Department Of Gastroenterology, Pittsburgh, PA, USA <sup>5</sup>UCSD, Department Of Pharmacy And Pharmaceutical Sciences, San Diego, CA, USA <sup>6</sup>Stanford University, Department Of Gastroenterology, Palo Alto, CA, USA <sup>7</sup>Indiana University, Department Of Surgery, Indianapolis, IN, USA

**19.06. Release of HMGB1 by Platelets Promotes DVT Formation.** M. R. Dyer<sup>1</sup>, Q. Chen<sup>1</sup>, A. Gutierrez<sup>1</sup>, B. Zuckerbraun<sup>1</sup>, M. Neal<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgery, Pittsburgh, PA, USA

OR

4:00 PM - 5:30 PM

### Ethics Committee Session

BEETHOVEN 1-2

***"Advocating for Patients Who Are Socioeconomically Disadvantaged; What is the Surgeon's Duty?"***

**SESSION CHAIRS & MODERATORS: Gretchen Schwarze, MD, MPP and Kimberly Brown, MD**

**SPEAKERS: Selwyn Rogers, MD, MPH; Nancy Puzziferri, MD; Malini Sur, MD; Anaeze Offodile, MD; Adil Haider, MD, MPH; and Allan Peetz, MD**

\*\*An audience response system will be used for this session.

- Case One – Selwyn Rogers, MD, MPH and Nancy Puzziferri, MD
- Summary One – Gretchen Schwarze, MD, MPP
- Case Two – Malini Sur, MD and Anaeze Offodile, MD
- Summary Two – Kimberly Brown, MD
- Case Three – Adil Haider, MD, MPH and Allan Peetz, MD
- Summary Three – Gretchen Schwarze, MD, MPP

In this session, we will present patient scenarios in which the patient's socio-economic circumstances present challenges to providing good surgical care and impact the patient's overall health. This casebased session will have much opportunity for audience participation. Presenters with expertise in ethics and health disparities will inform the discussion with respect to the legal, ethical, financial and medical outcomes.

### LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify patients whose health is affected by socio-economic factors, including financial burdens of care.
- Articulate the healthcare consequences of socioeconomic disparities, with understanding of the patient's perspective.
- Construct strategies to advocate for the socioeconomically disadvantaged patient in multiple settings.

5:30 PM - 6:30 PM

### SUS Business Meeting

ENCORE BALLROOM 3

OR

5:30 PM - 6:30 PM

### AAS Medical Student Quickshot Session

BRAHMS 2

**MODERATORS: Clifford S. Cho, MD & Caprice C. Greenberg, MD, MPH**

**20.01. Using Small Molecule Screens to Identify New IRF6 Pathways and Mitigate Orofacial Cleft Pathogenesis.** E. Li<sup>1,2,3</sup>, B. Garrity<sup>1,2,3</sup>, D. Truong<sup>1,2,3</sup>, K. Mukherjee<sup>1,2,3</sup>, E. C. Liao<sup>1,2,3</sup> <sup>1</sup>Massachusetts General Hospital, Boston, MA, USA <sup>2</sup>Harvard Medical School, Boston, MA, USA <sup>3</sup>Harvard Stem Cell Institute, Cambridge, MA, USA

**20.02. Explicating Hospital-Based Violence Intervention Program Risk Assessment Through Qualitative Analysis.** E. J. Kramer<sup>1,2</sup>, J. Dodington<sup>1</sup>, T. Henderson<sup>2</sup>, R. Dicker<sup>2</sup>, C. Juillard<sup>2</sup> <sup>1</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>2</sup>University Of California San Francisco, Surgery, San Francisco, CA, USA

**20.04. Preoperative Enteral Access is not Requisite Prior to Multimodality Treatment of Esophageal Cancer.** T. K. Jenkins<sup>4</sup>, A. N. Lopez<sup>4</sup>, G. A. Sarosi<sup>1,2</sup>, K. Ben-David<sup>3</sup>, R. M. Thomas<sup>1,2</sup> <sup>1</sup>University Of Florida, Department Of Surgery, Gainesville, FL, USA <sup>2</sup>North Florida/South Georgia Veterans Health System, Department Of Surgery, Gainesville, FL, USA <sup>3</sup>Mount Sinai Medical Center, Department Of Surgery, Miami Beach, FL, USA <sup>4</sup>University Of Florida, College Of Medicine, Gainesville, FL, USA

**20.05. Prospective Study of a Steroid-Free, Low Dose Tacrolimus with Everolimus Regimen in Kidney Transplant.** D. Lyubashevsky<sup>1</sup>, A. Shetty<sup>2</sup>, J. Leventhal<sup>2</sup>, M. J. Ansari<sup>2</sup>, V. Mas<sup>3</sup>, J. Matthew<sup>2</sup>, L. Gallon<sup>2</sup> <sup>3</sup>Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA <sup>1</sup>New York Medical College, Valhalla, NY, USA <sup>2</sup>Northwestern University, Chicago, IL, USA

**20.06. Drivers of Variation in 90-day Episode Payments for Coronary Artery Bypass Grafts (CABG).** V. Guduguntla<sup>1,2,5</sup>, J. Syrjamaki<sup>1,5</sup>, C. Ellimoottil<sup>1,3,4,5</sup>, D. Miller<sup>1,3,4,5</sup>, P. Theurer<sup>1,6</sup>, D. Likosky<sup>1,7</sup>, J. Dupree<sup>1,3,4,5</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Medical School, Ann Arbor, MI, USA <sup>3</sup>Institute For Healthcare Policy And Innovation, Ann Arbor, MICHIGAN, USA <sup>4</sup>Dow Division Of Health Services Research, Department Of Urology, Ann Arbor, MICHIGAN, USA <sup>5</sup>Michigan Value Collaborative, Ann Arbor, MICHIGAN, USA <sup>6</sup>The Michigan Society Of Thoracic And Cardiovascular Surgeons Quality Collaborative, Ann Arbor, MICHIGAN, USA <sup>7</sup>Section Of Health Services Research And Quality, Department Of Cardiac Surgery, Ann Arbor, MICHIGAN, USA

OR

**20.07. Failure to Rescue Following Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy.** K. Li<sup>1</sup>, A. A. Mokdad<sup>1</sup>, M. Augustine<sup>1</sup>, S. Wang<sup>1</sup>, M. Porembka<sup>1</sup>, A. Yopp<sup>1</sup>, R. Minter<sup>1</sup>, J. Mansour<sup>1</sup>, M. Choti<sup>1</sup>, P. Polanco<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Division Of Surgical Oncology, Dallas, TX, USA

**20.08. Graduating Surgical Residents Lack Competence in Ultrasound .** R. D. Tripu<sup>1</sup>, M. H. Lauerman<sup>1,2</sup>, D. J. Haase<sup>1,2</sup>, S. Fatima<sup>2</sup>, T. M. Scalea<sup>1,2</sup>, S. B. Murthi<sup>1,2</sup> <sup>1</sup>University Of Maryland, School Of Medicine, Baltimore, MD, USA <sup>2</sup>R Adams Cowley Shock Trauma Center, Baltimore, MD, USA

**20.10. Can Medicaid Expansion Decrease Disparity in Surgical Cancer Care at High Quality Hospitals?** D. Xiao<sup>1,2,3</sup>, C. Zheng<sup>1,2,3</sup>, M. Jindal<sup>1,2,3</sup>, C. Ihemelandu<sup>1,2,3</sup>, L. Johnson<sup>1,2,3</sup>, T. DeLeire<sup>2,3</sup>, N. Shara<sup>1,2,3</sup>, W. Al-Refaie<sup>1,2,3</sup> <sup>1</sup>MedStar Georgetown University Hospital, Washington, DC, USA <sup>2</sup>MedStar Georgetown Surgical Outcomes Research Center, Washington, DC, USA <sup>3</sup>Georgetown University Medical Center, Washington, DC, USA

**20.11. Safety of Early Venous Thromboembolism Prophylaxis for Isolated Blunt Splenic Injury: A TQIP Study.** B. Lin<sup>1</sup>, K. Matsushima<sup>1</sup>, L. De Leon<sup>1</sup>, G. Recinos<sup>1</sup>, A. Piccinini<sup>1</sup>, E. Benjamin<sup>1</sup>, K. Inaba<sup>1</sup>, D. Demetriades<sup>1</sup> <sup>1</sup>University Of Southern California, Acute Care Surgery, Los Angeles, CALIFORNIA, USA

**20.12. eCART Before the Hearse: Predicting Severe Adverse Events in Over 30,000 Surgical Inpatients.** B. Bartkowiak<sup>1</sup>, A. M. Snyder<sup>1</sup>, A. Benjamin<sup>2</sup>, A. Schneider<sup>2</sup>, N. M. Twu<sup>1</sup>, M. M. Churpek<sup>1</sup>, D. P. Edelson<sup>1</sup>, K. K. Roggin<sup>2</sup> <sup>1</sup>University Of Chicago, Department Of Medicine, Chicago, IL, USA <sup>2</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA

TUESDAY

WEDNESDAY

THURSDAY

TUESDAY

WEDNESDAY

THURSDAY

5:30 PM - 6:30 PM

### AAS Resident/Fellow Quickshot Session

BRAHMS 3

**MODERATORS: Karl Y. Bilimoria, MD & Rebecca Sippel, MD**

**21.01. Society of Asian Academic Surgeons Research Award Recipient: Not all Readmissions are Created Equal - Index vs. Non-Index Readmissions After Major Cancer Surgery.** S. Zafar<sup>1</sup>, A. A. Shah<sup>1</sup>, H. Channa<sup>2</sup>, L. L. Wilson<sup>4</sup>, N. Wasif<sup>3</sup> <sup>1</sup>Howard University College Of Medicine, General Surgery, Washington, DC, USA <sup>2</sup>Purdue University, Agricultural Economics, West Lafayette, IN, USA <sup>3</sup>Mayo Clinic In Arizona, Surgical Oncology, Phoenix, AZ, USA <sup>4</sup>Howard University College Of Medicine, Surgical Oncology, Washington, DC, USA

**21.02. Gut Microbiome Promotes Pancreatic Oncogenesis by Inducing Innate and Adaptive Immune Suppression.** M. Hundeyin<sup>1</sup>, S. Pushalkar<sup>1</sup>, D. Daley<sup>1</sup>, G. Werba<sup>1</sup>, N. Mohan<sup>1</sup>, S. Lall<sup>1</sup>, B. Wadowski<sup>1</sup>, B. Aykut<sup>1</sup>, E. Kurz<sup>1</sup>, U. Soni<sup>1</sup>, E. Morales-Vicente<sup>1</sup>, D. Saxena<sup>1</sup>, G. Miller<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Surgery, New York, NY, USA

**21.03. DNA released from PAD4-mediated NETosis enhances tumor growth in murine pancreatic cancer.** J. Miller-Ocui<sup>1</sup>, W. R. Doerfler<sup>1</sup>, X. Liang<sup>1</sup>, B. Boone<sup>1</sup>, A. Singhi<sup>1</sup>, M. Lotze<sup>1</sup>, H. Zeh<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgical Oncology/Surgery/Medicine, Pittsburgh, PA, USA

**21.04. Protease Tailored Fluorogenic Substrates Outperform CEA in Identifying Mucinous Pancreatic Cysts.** D. A. Dominguez<sup>1</sup>, S. Ivry<sup>3</sup>, S. Hatcher<sup>3</sup>, E. Gilbert<sup>2</sup>, S. Kumar<sup>2</sup>, W. Park<sup>6</sup>, M. Schmidt<sup>7</sup>, R. Brand<sup>4</sup>, A. O'Donoghue<sup>5</sup>, K. Kirkwood<sup>2</sup>, C. Craik<sup>3</sup> <sup>1</sup>UCSF East Bay, Department Of General Surgery, Oakland, CA, USA <sup>2</sup>UCSF, Department Of General Surgery, San Francisco, CA, USA <sup>3</sup>UCSF, Department Of Pharmaceutical Chemistry, San Francisco, CA, USA <sup>4</sup>University Of Pittsburgh, Department Of Gastroenterology, Pittsburgh, PA, USA <sup>5</sup>UCSD, Department Of Pharmacy And Pharmaceutical Sciences, San Diego, CA, USA <sup>6</sup>Stanford University, Department Of Gastroenterology, Palo Alto, CA, USA <sup>7</sup>Indiana University, Department Of Surgery, Indianapolis, IN, USA

**21.05. H<sub>2</sub>S Improves Intestinal Perfusion and Integrity After Ischemia by Nitric Oxide Dependent Pathways.** A. Jensen<sup>1</sup>, N. Drucker<sup>1</sup>, S. Khaneki<sup>1</sup>, T. Markel<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA

**21.06. Low-Mortality Hospitals Provide Better End-Of-Life Care for Non-Survivors After Severe Brain Trauma.** E. J. Lilley<sup>1,2</sup>, J. W. Scott<sup>1</sup>, A. Krasnova<sup>1</sup>, E. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup>, Z. Cooper<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, The Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Robert Wood Johnson - Rutgers, Department Of Surgery, New Brunswick, NJ, USA

**21.07. Evaluating the Efficacy of Different Types of Stem Cells in Preserving Gut Barrier Function in NEC.** C. McCulloh<sup>1</sup>, J. Olson<sup>1</sup>, Y. Wang<sup>1</sup>, J. Vu<sup>1</sup>, S. Gartner<sup>1</sup>, G. E. Besner<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Columbus, OH, USA

**21.08. Inflammatory Cytokine Regulation of Extracellular Matrix Results in Attenuated Renal Fibrosis.** X. Wang<sup>1</sup>, P. Duann<sup>1</sup>, C. Lu<sup>1</sup>, C. Moles<sup>1</sup>, H. Li<sup>1</sup>, M. Fahrenholtz<sup>1</sup>, M. Rae<sup>1</sup>, Y. Dhamija<sup>1</sup>, J. Cheng<sup>2</sup>, S. Balaji<sup>1</sup>, S. Keswani<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Surgery, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Medicine, Houston, TX, USA

**21.09. Impact of Pain after Trauma on Long Term Patient Reported Outcomes.** J. P. Herrera-Escobar<sup>1</sup>, M. Apoj<sup>2</sup>, G. Kasotakis<sup>2,3</sup>, A. J. Rios-Diaz<sup>1</sup>, E. Lilley<sup>1</sup>, J. Appelson<sup>1</sup>, B. Gabbe<sup>4</sup>, K. Brasel<sup>5</sup>, E. Schneider<sup>1</sup>, H. Kaafarani<sup>6</sup>, G. Velmahos<sup>6</sup>, A. Salim<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>2</sup>Boston University, Boston, MA, USA <sup>3</sup>Boston Medical Center, Boston, MA, USA <sup>4</sup>Monash University, Melbourne, VIC, Australia <sup>5</sup>Oregon Health And Science University, Portland, OR, USA <sup>6</sup>Massachusetts General Hospital, Boston, MA, USA

**21.10. Asymptomatic Screening in Trauma Patients Reduces Risk for Pulmonary Embolism.** D. Koganti<sup>1</sup>, A. Johnson<sup>1</sup>, S. Stake<sup>1</sup>, A. Wallace<sup>1</sup>, S. Cowan<sup>1</sup>, J. Marks<sup>1</sup>, M. Cohen<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Surgery, Philadelphia, PA, USA

**21.11. Do 30-day Readmissions Rates for Hysterectomies Vary by Site of Care For Vulnerable Patients?** A. Ranjit<sup>1</sup>, C. Zogg<sup>2</sup>, M. A. Chaudhary<sup>1</sup>, J. B. Iorgulescu<sup>3</sup>, A. S. Romano<sup>6</sup>, S. E. Little<sup>4</sup>, C. T. Witkop<sup>5</sup>, J. N. Robinson<sup>4</sup>, A. H. Haider<sup>1</sup>, S. L. Cohen<sup>4</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>3</sup>Brigham And Women's Hospital, Pathology, Boston, MA, USA <sup>4</sup>Brigham And Women's Hospital, Obstetrics And Gynecology, Boston, MA, USA <sup>5</sup>Uniformed Services University Of The Health Sciences, Preventive Medicine And Biostatistics, Bethesda, MD, USA <sup>6</sup>VA Boston Healthcare System, Surgery-Gynecology, West Roxbury, MA, USA

**21.12. Prognostic impact of pancreastatin following chemoembolization for neuroendocrine tumors.** D. S. Strosberg<sup>1</sup>, J. Onesti<sup>4</sup>, N. Saunders<sup>3</sup>, G. Davidson<sup>1</sup>, M. Shah<sup>5</sup>, M. Dillhoff<sup>1</sup>, C. Schmidt<sup>1</sup>, M. Bloomston<sup>2</sup>, L. A. Shirley<sup>1</sup> <sup>1</sup>The Ohio State University Wexner Medical Center, Surgical Oncology, Columbus, OH, USA <sup>2</sup>21st Century Oncology, Fort Meyers, FL, USA <sup>3</sup>Emory University School Of Medicine, Atlanta, GA, USA <sup>4</sup>Mercy Health Grand Rapids, Grand Rapids, MI, USA <sup>5</sup>The Ohio State University Wexner Medical Center, Medical Oncology, Columbus, OH, USA

6:30 PM - 7:30 PM

### SUS Member Reception

ENCORE BALLROOM 1

6:30 PM - 7:30 PM

### Opening Welcome Reception with Exhibitors

ENCORE BALLROOM 2

Join us for the opening Exhibit and Welcome Reception, take time to network and meet your colleagues.

|                   |                                                       |                  |
|-------------------|-------------------------------------------------------|------------------|
| 5:30 AM - 6:00 PM | <b>Speaker Prep Open</b>                              | MOZART           |
| 6:30 AM - 7:30 AM | <b>Continental Breakfast</b>                          | ENCORE PROMENADE |
| 6:30 AM - 6:30 PM | <b>Registration Open</b>                              | ENCORE PROMENADE |
| 6:30 AM - 7:30 AM | <b>AAS/Student Mentor Breakfast (Invitation Only)</b> | BRAHMS PATIO     |
| 6:30 AM - 7:30 AM | <b>SUS New Members Breakfast (Invitation Only)</b>    | CHOPIN PATIO     |
| 7:30 AM - 9:30 AM | <b>Integrated Oral Presentation Sessions I</b>        |                  |

**22. BASIC SCIENCE: CARDIOTHORACIC ORAL**

BEETHOVEN 1

**MODERATORS: Ankit Bharat, MD & Stephen H. McKellar, MD**

- 22.01. Divergent Roles of Alveolar Macrophages in Neutrophil-Driven Lung Injury.** S. Chiu<sup>1</sup>, M. Akbarpour<sup>1</sup>, A. McQuattie-Pimentel<sup>2</sup>, K. Anekalla<sup>2</sup>, P. Reyfman<sup>2</sup>, A. Misharin<sup>2</sup>, H. Perlman<sup>2</sup>, G. S. Budinger<sup>2</sup>, A. Bharat<sup>1</sup> <sup>1</sup>Northwestern University, Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University, Medicine, Chicago, IL, USA
- 22.02. Both HMGB1 and DNA Released from Ischemic Myocardium Are Required to Cause Reperfusion Injury.** E. J. Charles<sup>1</sup>, Y. Tian<sup>2</sup>, J. H. Mehaffey<sup>1</sup>, D. Wu<sup>1</sup>, I. L. Kron<sup>1</sup>, Z. Yang<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, Virgin Islands, U.S. <sup>2</sup>Tianjin Medical University General Hospital, Cardiovascular Surgery, Tianjin, China
- 22.03. Role of COX-2 in Microvascular Reactivity of Peripheral Arterioles in Diabetic Patients after CPB.** K. Anderson<sup>1</sup>, J. Feng<sup>1</sup>, Y. Liu<sup>1</sup>, A. K. Singh<sup>1</sup>, A. Ehsan<sup>1</sup>, F. W. Sellke<sup>1</sup> <sup>1</sup>Rhode Island Hospital, Cardiothoracic Surgery/Surgery/Brown Medical Scholl, Providence, RI, USA
- 22.04. Macrophages Differentially Regulate Collagen Expression in Fetal versus Adult Cardiac Fibroblasts.** M. M. Hodges<sup>1</sup>, C. Zgheib<sup>1</sup>, J. Xu<sup>1</sup>, J. Hu<sup>1</sup>, K. W. Liechty<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Department Of General Surgery, Laboratory For Fetal And Regenerative Biology, Aurora, CO, USA
- 22.05. Calpain Inhibition Decreases Oxidative Stress Via Mitochondrial Pathways in Ischemic Myocardium.** B. A. Potz<sup>1</sup>, L. A. Scrimgeour<sup>1</sup>, R. T. Clements<sup>1</sup>, F. W. Sellke<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Cardiothoracic Surgery Research, Providence, RI, USA
- 22.07. Reduced Immunogenicity Observed in Multi-Transgene Heart Xenotransplant Model with Suppressed MCP-1.** J. L. Chan<sup>1</sup>, A. K. Singh<sup>1</sup>, P. C. Corcoran<sup>1</sup>, M. L. Thomas<sup>2</sup>, B. G. Lewis<sup>2</sup>, K. A. Horvath<sup>1</sup>, M. M. Mohiuddin<sup>1</sup> <sup>1</sup>National Institutes Of Health, Cardiothoracic Surgery Research Program/National Heart, Lung And Blood Institute, Bethesda, MD, USA <sup>2</sup>National Institutes Of Health, Division Of Veterinary Resources/Office Of Research Services, Bethesda, MD, USA
- 22.08. Role of Cardiac Progenitor Cells in Macrophage Polarization During Fetal Cardiac Regeneration post-MI.** C. Zgheib<sup>1</sup>, M. H. Hodges<sup>1</sup>, M. Allukian<sup>2</sup>, J. Xu<sup>1</sup>, K. L. Spiller<sup>3</sup>, J. H. Gorman<sup>2</sup>, R. C. Gorman<sup>2</sup>, K. W. Liechty<sup>1</sup> <sup>1</sup>Laboratory For Fetal And Regenerative Biology, Department Of Surgery, School Of Medicine, University Of Colorado Denver - Anschutz Medical Campus And Colorado Children's Hospital, Aurora, COLORADO, USA <sup>2</sup>The University Of Pennsylvania School Of Medicine, Surgery, Philadelphia, PA, USA <sup>3</sup>Drexel University, School Of Biomedical Engineering, Philadelphia, PA, USA
- 22.09. Effect of collagen substrates on oxidative stress-induced changes in SMC phenotype in BAV aortopathy.** P. G. Chan<sup>1</sup>, M. Billaud<sup>1</sup>, J. Phillippi<sup>1</sup>, T. Gleason<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Cardiothoracic Surgery, Pittsburgh, PA, USA
- 22.10. Fluorescence Guided Surgery May Enhance Localization of Residual Disease During NSCLC Surgery.** J. D. Predina<sup>1</sup>, A. Newton<sup>1</sup>, J. Keating<sup>1</sup>, O. Venegas<sup>1</sup>, S. Singhal<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Philadelphia, PA, USA
- 23.01. Microparticles from Aged pRBC Units Stimulate Thrombin Generation and Cause Pulmonary Vascular Congestion.** Y. Kim<sup>1</sup>, B. T. Xia<sup>1</sup>, A. D. Jung<sup>1</sup>, A. L. Chang<sup>1</sup>, R. M. Schuster<sup>1</sup>, R. A. Veile<sup>1</sup>, M. D. Goodman<sup>1</sup>, T. A. Pritts<sup>1</sup> <sup>1</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 23. BASIC SCIENCE: TRAUMA/CRITICAL CARE ORAL

BEETHOVEN 2

**MODERATORS: Yongqing Li MD, PhD & Timothy A. Pritts, MD, PhD**

**23.02. Storage of Thawed Plasma Over 14-Days Does Not Affect Ability to Inhibit tPA-induced Fibrinolysis.** B. R. Huebner<sup>1</sup>, C. C. Silliman<sup>1,3</sup>, R. Shepherd-Singh<sup>2</sup>, G. Stettler<sup>1</sup>, H. B. Moore<sup>1</sup>, G. Nunns<sup>1</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Trauma Surgery, Aurora, CO, USA <sup>2</sup>Denver Health Medical Center, Trauma Surgery, Aurora, CO, USA <sup>3</sup>Bonfils Blood Center, Denver, CO, USA

**23.03. FER Gene Delivery Improves Survival by Enhancing Lung Immune Response Against Lethal Pneumonia.** L. K. McCandless<sup>1</sup>, Y. S. Yin<sup>1</sup>, V. Dolgachev<sup>1</sup>, S. Panicker<sup>1</sup>, M. Suresh<sup>1</sup>, M. Hemmila<sup>1</sup>, K. Raghavendran<sup>1</sup>, D. Machado-Aranda<sup>1</sup> <sup>1</sup>University Of Michigan, Division Of Acute Care Surgery/Department Of Surgery, Ann Arbor, MI, USA

**23.04. Post-Shock Mesenteric Lymph Exosomes are Key Mediators of Acute Lung Injury .** M. Kojima<sup>1</sup>, T. Chan<sup>1</sup>, J. Gimenes<sup>1</sup>, B. Eliceiri<sup>1</sup>, A. Baird<sup>1</sup>, T. Costantini<sup>1</sup>, R. Coimbra<sup>1</sup> <sup>1</sup>University Of California - San Diego, Division Of Trauma, Surgical Critical Care, Burns And Acute Care Surgery/Department Of Surgery, San Diego, CA, USA

**23.05. IL-33 DRIVES TYPE 2 CYTOKINES THROUGH ILC2 IN THE LUNGS AFTER HEMORRHAGIC SHOCK/TRAUMA (HS/T).** J. Xu<sup>1</sup>, J. Guardado<sup>1</sup>, R. Hoffman<sup>1</sup>, H. R. Turnquist<sup>1</sup>, T. R. Billiar<sup>1</sup> <sup>1</sup>UPMC, Surgery Department, Pittsburgh, PA, USA

**23.06. Effects of Valproic Acid and Molecular Hydrogen on Phenotypes of Microglia Treated with Hypoxia.** X. Wu<sup>1</sup>, P. Chang<sup>1</sup>, R. Zeng<sup>1</sup>, Y. Deng<sup>1</sup>, Y. Zhao<sup>1</sup>, W. Chong<sup>1</sup> <sup>1</sup>The First Affiliated Hospital Of China Medical University, Emergency, Shenyang, LIAONING, China

**23.07. Improved Sepsis Survival in JAM-A<sup>-/-</sup> Mice is Associated with Enhanced Intestinal Mucosal Immunity.** N. J. Klingensmith<sup>1</sup>, K. Fay<sup>1</sup>, C. Chen<sup>1</sup>, J. Lyons<sup>1</sup>, C. M. Coopersmith<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA

**23.08. CitH3: a Long-Lasting Blood Biomarker for Diagnosis and Treatment of Endotoxic Shock in Mice.** B. Pan<sup>1</sup>, B. Liu<sup>1</sup>, E. Chen<sup>1</sup>, Y. Wang<sup>2</sup>, Y. Liang<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan Hospital, General Surgery/Surgery/Medical School, Ann Arbor, MI, USA <sup>2</sup>Penn State University, Department Of Biochemistry And Molecular Biology, University Park, PA, USA

**23.09. Stored Erythrocytes Alter Endothelial Cell Tissue Factor Expression in Mice.** A. D. Jung<sup>1</sup>, Y. Kim<sup>1</sup>, W. Abplanalp<sup>1</sup>, A. T. Makley<sup>1</sup>, M. D. Goodman<sup>1</sup>, T. A. Pritts<sup>1</sup> <sup>1</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA

**23.10. Topically Applied Stem Cell Conditioned Media Accelerates Donor Site Healing and Vascular Response .** J. H. Chen<sup>1,2</sup>, M. M. Kebede<sup>2</sup>, S. E. Epstein<sup>3</sup>, T. E. Travis<sup>1,2</sup>, L. T. Moffatt<sup>2</sup>, J. W. Shupp<sup>1,2</sup> <sup>1</sup>Washington Hospital Center, Department Of Surgery, The Burn Center, Washington, DC, USA <sup>2</sup>MedStar Health Research Institute, Firefighters' Burn And Surgical Research Laboratory, Washington, DC, USA <sup>3</sup>MedStar Health Research Institute, Cardiovascular Research Institute, Washington, DC, USA

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I****24. BASIC SCIENCE: ONCOLOGY 1 ORAL**

BRAHMS 1

**MODERATORS: Clifford S. Cho, MD & Mark S. Cohen, MD****24.01. Acceleration of Pancreatic Cancer Development in**

**KrasG12D Mice Deficient in Hormone Sensitive Lipase.** M. Xu<sup>1</sup>, X. Jung<sup>1</sup>, A. Moro<sup>1</sup>, C. Chou<sup>1</sup>, H. Chang<sup>1</sup>, A. P. Stark<sup>1</sup>, A. Schmidt<sup>1</sup>, Y. Chen<sup>1</sup>, J. King<sup>1</sup>, O. J. Hines<sup>1</sup>, G. Eibl<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA

**24.02. Targeting Neutrophil Extracellular Traps (NETs) prevents**

**HCC in a mouse model of NASH.** D. J. Van Der Windt<sup>1</sup>, V. Sud<sup>1</sup>, P. Varley<sup>1</sup>, J. Goswami<sup>1</sup>, H. Yazdani<sup>1</sup>, P. Loughran<sup>3</sup>, M. I. Minervini<sup>4</sup>, H. Huang<sup>1,2</sup>, R. L. Simmons<sup>1</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Surgery, Pittsburgh, PA, USA <sup>2</sup>Huazhong University Of Science And Technology, Surgery, Wuhan, HUBEI, China <sup>3</sup>Center For Biologic Imaging, Cell Biology, Pittsburgh, PA, USA <sup>4</sup>University Of Pittsburgh Medical Center, Pathology, Pittsburgh, PA, USA

**24.03. Minnelide Decreases Tumor Burden in Murine Models of**

**Malignant Melanoma.** V. Sethi<sup>1</sup>, B. Giri<sup>1</sup>, B. Garg<sup>1</sup>, S. Modi<sup>1</sup>, S. Banerjee<sup>1</sup>, A. Saluja<sup>1</sup>, V. Dudeja<sup>1</sup> <sup>1</sup>University Of Miami, Surgical Oncology, Department Of Surgery, Miami, FL, USA

**24.04. High Depth Hybrid Capture Exome Sequencing Of Somatic Mutations For Personalized Cancer Therapy.**

N. Paez Arango<sup>1</sup>, L. Brusco<sup>2</sup>, K. R. Shaw<sup>2</sup>, K. Chen<sup>3</sup>, K. Eterovic<sup>4</sup>, V. Holla<sup>2</sup>, A. Johnson<sup>2</sup>, B. Litzenburger<sup>2</sup>, Y. B. Khotskaya<sup>2</sup>, N. Sanchez<sup>2</sup>, A. Bailey<sup>2</sup>, X. Zheng<sup>4</sup>, C. Horombe<sup>2</sup>, S. Kopetz<sup>5</sup>, C. Farhangfar<sup>6</sup>, M. Routbort<sup>7</sup>, R. Broaddus<sup>8</sup>, E. S. Bernstam<sup>9</sup>, J. Mendelsohn<sup>2</sup>, G. B. Mills<sup>2,4</sup>, F. Meric-Bernstam<sup>1,2,10</sup> <sup>1</sup>University Of Texas MD Anderson Cancer Center, Department Of Surgical Oncology, Houston, TX, USA <sup>2</sup>University Of Texas MD Anderson Cancer Center, Khalifa Institute For Personalized Cancer Therapy, Houston, TX, USA <sup>3</sup>University Of Texas MD Anderson Cancer Center, Department Of Bioinformatics And Computational Biology, Houston, TX, USA <sup>4</sup>University Of Texas MD Anderson Cancer Center, Department Of Systems Biology, Houston, TX, USA <sup>5</sup>University Of Texas MD Anderson Cancer Center, Gastrointestinal Medical Oncology, Houston, TX, USA <sup>6</sup>Carolinas Healthcare System, Levine Cancer Institute, Charlotte, NC, USA <sup>7</sup>University Of Texas MD Anderson Cancer Center, Department Of Hematopathology, Houston, TX, USA <sup>8</sup>University Of Texas MD Anderson Cancer Center, Department Of Pathology, Houston, TX, USA <sup>9</sup>University Of Texas Health Science Center At Houston, School Of Biomedical Informatics, Houston, TX, USA <sup>10</sup>University Of Texas MD Anderson Cancer Center, Department Of Investigational Cancer Therapeutics, Houston, TX, USA

**24.06. Functional Screens to Identify Gene Drivers of Pancreatic**

**Cancer.** N. Villafane<sup>1,2</sup>, Y. Tsang<sup>2</sup>, K. Scott<sup>2</sup> <sup>1</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Department Of Molecular And Human Genetics, Houston, TX, USA

**24.07. Nucleotide Depletion by Autophagy Inhibition Sensitizes**

**Kras-driven PDAC to Replication Stress.** I. A. Elliott<sup>1</sup>, J. L. Williams<sup>2</sup>, R. Ghukasyan<sup>1</sup>, C. C. Matsumura<sup>1</sup>, N. Wu<sup>1</sup>, L. Li<sup>1</sup>, W. Kim<sup>3</sup>, S. Poddar<sup>3</sup>, E. R. Abt<sup>3</sup>, A. M. Dann<sup>1</sup>, H. DeRubertis<sup>1</sup>, D. Braas<sup>4</sup>, T. M. Le<sup>3</sup>, C. G. Radu<sup>3</sup>, T. R. Donahue<sup>1,3</sup> <sup>1</sup>University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>Harbor-UCLA Medical Center, Department Of Surgery, Torrance, CA, USA <sup>3</sup>University Of California - Los Angeles, Department Of Molecular And Medical Pharmacology, Los Angeles, CA, USA <sup>4</sup>University Of California - Los Angeles, Metabolomics Center, Los Angeles, CA, USA

**24.08. Cancer Stemness In Bone Marrow Micrometastases Of Human Breast Cancer.**

M. C. Kuo<sup>1</sup>, A. N. Kothari<sup>1</sup>, Z. Mi<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Surgery, Maywood, IL, USA

**24.09. Tumor Homing Peptide Display on AAV2 Surface Enhances Viral Targeting of Pancreatic Cancer.**

S. Liu<sup>1</sup>, J. Lee<sup>3</sup>, J. Yu<sup>1</sup>, R. Sanchez<sup>1</sup>, M. Van Dam<sup>3</sup>, E. Rozengurt<sup>2</sup>, F. Brunicardi<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Digestive Disease, Los Angeles, CA, USA <sup>3</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Crump Institute For Molecular Imaging, Los Angeles, CA, USA

**24.10. ECM and CEACAM Proteins Characterize Pancreatic**

**Duct Exosomes in Patients with Pancreatic Cancer.** J. Zheng<sup>1</sup>, J. Hernandez<sup>1</sup>, A. Doussot<sup>1</sup>, L. Bojmar<sup>2</sup>, B. Costa-Silva<sup>2</sup>, E. VanBeek<sup>2</sup>, C. Zambirinis<sup>1</sup>, M. Tesic Mark<sup>3</sup>, H. Molina<sup>3</sup>, M. Gonen<sup>1</sup>, T. Kingham<sup>1</sup>, P. Allen<sup>1</sup>, M. D'Angelica<sup>1</sup>, R. DeMatteo<sup>1</sup>, D. Lyden<sup>1,2</sup>, W. Jarnagin<sup>1</sup> <sup>1</sup>Memorial Sloan-Kettering Cancer Center, New York, NY, USA <sup>2</sup>Weill Cornell Medical College, New York, NY, USA <sup>3</sup>Rockefeller University, New York, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 25. BASIC SCIENCE: ONCOLOGY - CELLULAR AND MOLECULAR BIOLOGY ORAL

BRAHMS 2

**MODERATORS: Matthew R. Porembka, MD & Sam C. Wang, MD**

**25.01. Notch1—WISP-1 axis determines the regulatory role of MSC-derived fibroblasts in melanoma metastasis.** P. P. Parikh<sup>1</sup>, H. Shao<sup>1</sup>, L. Cai<sup>1</sup>, M. Moller<sup>1</sup>, B. Issac<sup>2</sup>, R. Vazquez-Padron<sup>1</sup>, M. Owyong<sup>1</sup>, Z. Liu<sup>1,2</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA <sup>2</sup>University Of Miami, Sylvester Comprehensive Cancer Center, Miami, FL, USA

**25.02. PI3K/mTOR Inhibition Suppresses Pancreatic Cancer by Reprogramming Cancer-Associated Fibroblasts.** J. L. Williams<sup>2</sup>, I. A. Elliott<sup>1</sup>, A. H. Nguyen<sup>1</sup>, C. Matsumura<sup>1</sup>, R. Ghukasyan<sup>1</sup>, P. A. Toste<sup>1</sup>, J. R. Capri<sup>3</sup>, S. G. Patel<sup>1</sup>, L. Li<sup>1</sup>, N. Wu<sup>1</sup>, C. G. Radu<sup>3</sup>, T. R. Donahue<sup>1,3</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>Harbor-UCLA Medical Center, Department Of Surgery, Torrance, CA, USA <sup>3</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Department Of Molecular And Medical Pharmacology, Los Angeles, CA, USA

**25.03. Use of Circulating Microvesicles, Exosomes, as a Biomarker to Track Disease Burden in Melanoma.** J. A. Cintolo-Gonzalez<sup>1</sup>, W. Michaud<sup>1</sup>, S. Cohen<sup>1</sup>, D. Plana<sup>1</sup>, D. J. Panka<sup>2</sup>, R. J. Sullivan<sup>3</sup>, G. M. Boland<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA <sup>2</sup>Beth Israel Deaconess Medical Center, Hematology/Oncology, Boston, MA, USA <sup>3</sup>Massachusetts General Hospital, Hematology/Oncology, Boston, MA, USA

**25.04. Loss of miR-155 Upregulates WEE1 in Metastatic Melanoma.** J. A. Campbell<sup>1</sup>, I. Huffnagle<sup>1</sup>, G. P. Robertson<sup>2</sup>, C. R. Pameijer<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Department Of Surgery, Hershey, PA, USA <sup>2</sup>Penn State Hershey Medical Center, Department Of Pharmacology, Hershey, PA, USA

**25.05. Pomalidomide enhanced antitumor effects of gemcitabine and nab-Paclitaxel in pancreatic cancer cells.** N. SAITO<sup>1</sup>, Y. Shirai<sup>1</sup>, T. Horiuchi<sup>1</sup>, H. Sugano<sup>1</sup>, R. Iwase<sup>1</sup>, K. Haruki<sup>1</sup>, Y. Fujiwara<sup>1</sup>, K. Furukawa<sup>1</sup>, H. Shiba<sup>1</sup>, T. Uwagawa<sup>1</sup>, T. Ohashi<sup>2</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jike University School Of Medicine, Department Of Surgery, Minato-ku, TOKYO, Japan <sup>2</sup>The Jike University School Of Medicine, Division Of Gene Therapy, Research Center For Medical Sciences, Minato-ku, TOKYO, Japan

**25.07. Mutant-Allele Tumor Heterogeneity Scores Correlate With Neoadjuvant Therapy Response in Rectal Cancer.** A. Greenbaum<sup>2</sup>, S. Ness<sup>4</sup>, T. Bocklage<sup>3</sup>, J. Lee<sup>1</sup>, A. Rajput<sup>2</sup> <sup>1</sup>University Of New Mexico HSC, Epidemiology, Biostatistics And Preventative Medicine/Internal Medicine, Albuquerque, NM, USA <sup>2</sup>University Of New Mexico HSC, Surgery, Albuquerque, NM, USA <sup>3</sup>University Of New Mexico HSC, Pathology, Albuquerque, NM, USA <sup>4</sup>University Of New Mexico HSC, Internal Medicine, Albuquerque, NM, USA

**25.08. Circulating Tumor Cell Phenotypic and Genotypic Profiling for Hepatocellular Carcinoma.** C. M. Court<sup>1,5</sup>, S. Hou<sup>1,3</sup>, S. Sho<sup>1,5</sup>, P. Winograd<sup>1,5</sup>, Q. Li<sup>1</sup>, S. Sadeghi<sup>4</sup>, R. S. Finn<sup>4</sup>, F. W. Samuel<sup>3,6</sup>, B. V. Naini<sup>6</sup>, F. M. Kaldas<sup>1,2</sup>, R. W. Busuttill<sup>1,2</sup>, J. S. Tomlinson<sup>1,5</sup>, H. R. Tseng<sup>3</sup>, V. G. Agopian<sup>1,2</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Liver Transplantation, Los Angeles, CA, USA <sup>3</sup>University Of California - Los Angeles, Molecular And Medical Pharmacology, Los Angeles, CA, USA <sup>4</sup>University Of California - Los Angeles, Hematology/Oncology, Los Angeles, CA, USA <sup>5</sup>VA Greater Los Angeles, Surgery, Los Angeles, CA, USA <sup>6</sup>University Of California - Los Angeles, Pathology, Los Angeles, CA, USA

**25.09. Modifications to T Cell Receptor Enhance Anti-Tumor Activity Against Metastatic Melanoma.** E. H. Wood<sup>1</sup>, K. Calabrese<sup>2</sup>, D. Murray<sup>2</sup>, K. Foley<sup>2</sup>, K. Nagato<sup>2</sup>, M. Nishimura<sup>1,2</sup> <sup>1</sup>Loyola University Medical Center, Surgery, Maywood, ILLINOIS, USA <sup>2</sup>Loyola University Chicago, Oncology Institute, Chicago, IL, USA

**25.10. UAB30, a novel retinoid, decreases tumor burden in a model of disseminated medulloblastoma.** E. F. Garner<sup>1</sup>, G. K. Friedman<sup>3</sup>, V. R. Atigadda<sup>2</sup>, L. Nan<sup>3</sup>, B. P. Moore<sup>3</sup>, T. Etminan<sup>3</sup>, L. L. Stafman<sup>1</sup>, J. E. Stewart<sup>1</sup>, D. D. Muccio<sup>2</sup>, C. J. Grubbs<sup>4</sup>, E. A. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Division Of Pediatric Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama at Birmingham, Department Of Chemistry, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama at Birmingham, Division Of Pediatric Hematology And Oncology, Birmingham, Alabama, USA <sup>4</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I**

**26. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 1 ORAL**

BRAHMS 3

**MODERATORS: Luke M. Funk, MD, MPH & Melinda A. Maggard-Gibbons, MD, MSHS**

**26.01. Surgeons Overestimate Post-operative Complications and Death..** K. Pei<sup>1</sup>, J. Healy<sup>1</sup>, K. A. Davis<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA

**26.02. Timed Stair-Climbing is a Surrogate for Sarcopenia Measurements for Predicting Surgical Outcomes.** S. Baker<sup>1</sup>, M. Waldrop<sup>1</sup>, J. Swords<sup>1</sup>, T. Wang<sup>1</sup>, M. J. Heslin<sup>1</sup>, C. M. Contreras<sup>1</sup>, S. Reddy<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgical Oncology, Birmingham, Alabama, USA

**26.03. Health Care Consumption and Sick Leave for Persistent Abdominal Pain after Cholecystectomy.** S. Z. Wennmacker<sup>1</sup>, M. G. Dijkgraaf<sup>1</sup>, G. P. Westert<sup>3</sup>, J. P. Drenth<sup>2</sup>, C. J. Van Laarhoven<sup>1</sup>, P. R. De Reuver<sup>1</sup> <sup>1</sup>Radboud University Medical Center, Surgery, Nijmegen, Netherlands <sup>2</sup>Radboud Univeristy Medical Center, Gastroenterology And Hepatology, Nijmegen, Netherlands <sup>3</sup>Radboud University Medical Center, Scientific Institute For Quality Of Healthcare (IQ Healthcare), Nijmegen, Netherlands <sup>4</sup>Academic Medical Center, Clinical Research Unit, Amsterdam, Netherlands

**26.04. Defining optimal opioid pain medication prescription length following common surgical procedures.** R. E. Scully<sup>1</sup>, W. Jiang<sup>1</sup>, A. Schoenfeld<sup>1</sup>, M. A. Chaudhary<sup>1</sup>, S. Lipsitz<sup>1</sup>, P. Learn<sup>2</sup>, T. Koehlmoos<sup>2</sup>, A. Haider<sup>1</sup>, L. L. Nguyen<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Uniformed Services University Of The Health Sciences, Bethesda, MD, USA

**26.05. Exponential Decay Modeling Can Define Parameters of the Weight Loss Trajectory After Gastric Bypass.** E. S. Wise<sup>1,2</sup>, J. Felton<sup>1</sup>, M. D. Kligman<sup>1</sup> <sup>1</sup>University Of Maryland Medical Center, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA

**26.06. Symptomatic Hematomas Following Cervical Exploration: A Comparative Analysis over 40 Years.** A. Jyot<sup>1</sup>, T. Pandian<sup>1</sup>, M. H. Zeb<sup>1</sup>, N. D. Naik<sup>1</sup>, A. Chandra<sup>1</sup>, F. J. Cardenas<sup>1</sup>, M. Mohan<sup>1</sup>, E. H. Buckarma<sup>1</sup>, D. R. Farley<sup>1</sup> <sup>1</sup>Mayo Clinic, General Surgery, Rochester, MINNESOTA, USA

**26.07. Hospital Variation in Bariatric Surgery Episode Costs in the Commercially-Insured.** A. Kelsall<sup>1</sup>, A. Ghaferi<sup>2</sup> <sup>1</sup>University Of Michigan, Medical School, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**26.09. Use of Dual Lumen VV ECMO for Neonatal and Pediatric Patients in a Tertiary Care Children's Hospital.** J. L. Carpenter<sup>1</sup>, Y. R. Yu<sup>1</sup>, D. L. Cass<sup>1</sup>, O. O. Olutoye<sup>1</sup>, J. A. Thomas<sup>2</sup>, C. Burgman<sup>2</sup>, C. J. Fernandes<sup>3</sup>, T. C. Lee<sup>1</sup> <sup>1</sup>Texas Children's Hospital, Department Of Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Critical Care Section, Department Of Pediatrics, Houston, TX, USA <sup>3</sup>Texas Children's Hospital, Neonatology Section, Department Of Pediatrics, Houston, TX, USA

**26.10. Early Identification of Deep Space Infection in Colorectal Surgery.** J. R. Bergquist<sup>1,2</sup>, C. B. Storlie<sup>2</sup>, K. L. Mathis<sup>1</sup>, J. C. Boughey<sup>3</sup>, D. A. Etzioni<sup>4</sup>, E. B. Habermann<sup>2</sup>, R. R. Cima<sup>1</sup> <sup>1</sup>Mayo Clinic, Division Of Colon And Rectal Surgery, Rochester, MN, USA <sup>2</sup>Mayo Clinic, Robert D And Patricia E Kern Center For The Science Of Health Care Delivery, Rochester, MN, USA <sup>3</sup>Mayo Clinic, Department Of Surgery, Rochester, MN, USA <sup>4</sup>Mayo Clinic In Arizona, Colon And Rectal Surgery, Phoenix, AZ, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 27. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 2 ORAL

BRAHMS 4

**MODERATORS: Dileep Lobo, MB BS, MS, DM, FRCS, FRCPE & Heather L. Yeo, BSFS, MD**

TUESDAY

WEDNESDAY

THURSDAY

**27.01. Transgastric pancreatic necrosectomy – expedited return to pre-pancreatitis health.** M. M. Dua<sup>1</sup>, D. J. Worhunsky<sup>1</sup>, L. Malhotra<sup>1</sup>, W. G. Park<sup>1</sup>, J. A. Norton<sup>1</sup>, G. A. Poultides<sup>1</sup>, B. C. Visser<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA

**27.02. MELD-Na Score as a Predictor of Anastomotic Leak in Elective Colorectal Surgery.** K. Coakley<sup>1</sup>, S. Sarasani<sup>1</sup>, T. Prasad<sup>1</sup>, S. Steele<sup>2</sup>, I. Paquette<sup>3</sup>, B. Heniford<sup>1</sup>, B. Davis<sup>1</sup> <sup>2</sup>Case Western Reserve University School Of Medicine, Department Of Surgery, Cleveland, OH, USA <sup>3</sup>University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA <sup>1</sup>Carolinas Medical Center, GI And Minimally Invasive Surgery, Charlotte, NC, USA

**27.03. A Novel Stepwise-Regression Model to Predict Lymphedema Risk After Lymph Node Dissection for Melanoma.** A. Kelsall<sup>1</sup>, T. Novice<sup>1</sup>, B. Chang<sup>1</sup>, K. Ogu<sup>1</sup>, J. Noda<sup>1</sup>, R. Hoogmoed<sup>1</sup>, J. Loh<sup>1</sup>, H. Cherian<sup>1</sup>, C. Ky<sup>1</sup>, M. Martin<sup>1</sup>, B. Sunkara<sup>1</sup>, M. S. Cohen<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**27.04. Impact of Surgery Start Time on Roux-en-Y Gastric Bypass and Sleeve Gastrectomy Length of Stay.** A. Suza<sup>1</sup>, B. Needleman<sup>1</sup>, K. Perry<sup>1</sup>, S. Noria<sup>1</sup> <sup>1</sup>Ohio State University Wexner Medical Center, General & GI Surgery/Surgery/Medicine, Columbus, OH, USA

**27.05. A Shared Decision Approach to Chronic Abdominal Pain Based on Cine-MRI .** B. A. Van Den Beukel<sup>1</sup>, S. Van Leuven<sup>1</sup>, M. Stommel<sup>1</sup>, C. Strik<sup>1</sup>, M. A. IJsseldijk<sup>1</sup>, F. Joosten<sup>2</sup>, H. Van Goor<sup>1</sup>, R. P. Ten Broek<sup>1</sup> <sup>1</sup>Radboud University Medical Center, General Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Rijnstate Hospital, Department Of Radiology, Arnhem, GELDERLAND, Netherlands

**27.06. Predictors of Quality of Life in Hepatic Resection and its Prognostic Value.** V. Patel<sup>2</sup>, S. S. Tohme<sup>3</sup>, K. Bess<sup>1</sup>, A. Krane<sup>1</sup>, N. Ahmed<sup>1</sup>, A. Tsung<sup>1</sup>, J. L. Steel<sup>1</sup> <sup>1</sup>University Of Pittsburgh School Of Medicine, Department Of Surgery, Division Of Hepatobiliary And Pancreatic Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, School Of Medicine, Pittsburgh, PA, USA <sup>3</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA

**27.07. Intraoperative PTH Spikes During Parathyroidectomy May Be Associated with Multigland Disease.** R. Teo<sup>1</sup>, J. C. Farrá<sup>1</sup>, O. P. Roque<sup>1</sup>, A. R. Marcadis<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Endocrine Surgery, Miami, FL, USA

**27.08. Nationwide Analysis of Active Adrenal Tumors Highlights Perioperative Morbidity in Pheochromocytoma.** P. P. Parikh<sup>1</sup>, G. A. Rubio<sup>1</sup>, J. C. Farra<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Miller School Of Medicine, Endocrine Surgery, Miami, FL, USA

**27.09. Early Operative Management of Perforated Appendicitis is Associated with Improved Surgical Outcomes.** M. M. Symer<sup>1</sup>, J. Abelson<sup>1</sup>, T. Sun<sup>2</sup>, A. Sedrakyan<sup>2</sup>, H. Yeo<sup>1,2</sup> <sup>1</sup>Weill Cornell Medical College, Surgery, New York, NY, USA <sup>2</sup>Weill Cornell Medical College, Healthcare Policy And Research, New York, NY, USA

**27.10. Taking Control of Your Surgery: The Impact of a Prehabilitation Program on Major Abdominal Surgery.** Y. S. Yin<sup>1</sup>, L. McCandless<sup>1</sup>, S. Wang<sup>1</sup>, M. Englesbe<sup>1</sup>, D. Machado-Aranda<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I****28. CLINICAL/OUTCOMES: GLOBAL SURGERY ORAL**

CHOPIN 1

**MODERATORS: Sudha Jayaraman, MD, MSc & Benedict C. Nwomeh, MD****28.02. Global Users, Usage, and Importance of an Anesthesia**

**Smartphone App.** V. O'Reilly-Shah<sup>1,2</sup>, S. Gillespie<sup>1</sup>, G. Easton<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Anesthesiology, Atlanta, GA, USA <sup>2</sup>Children's Healthcare Of Atlanta, Pediatric Anesthesiology, Atlanta, GA, USA

**28.03. Multinational Validation of the AAST Appendicitis Severity**

**Grade in a Pediatric Population.** M. C. Hernandez<sup>1</sup>, S. F. Polites<sup>1</sup>, J. M. Aho<sup>1</sup>, V. Y. Kong<sup>2</sup>, D. Clarke<sup>2</sup>, M. Zielinski<sup>1</sup> <sup>1</sup>Mayo Clinic, Department Of Surgery, Rochester, MN, USA <sup>2</sup>Pietermaritzburg Metropolitan Complex, Department Of Surgery, Durban, KWA-ZULU, South Africa

**28.04. The Surgical Experience Aboard USNS Comfort (T-AH 20)**

**During Operation Continuing Promise 2015.** R. D. Restrepo<sup>1,3</sup>, L. M. Fluke<sup>1</sup>, H. I. Pryor<sup>2,3</sup>, J. E. Duncan<sup>2</sup>, K. E. Mann<sup>1,3</sup> <sup>1</sup>Naval Medical Center Portsmouth, Department Of General Surgery, Portsmouth, VA, USA <sup>2</sup>Walter Reed National Military Medical Center, Department Of General And Pediatric Surgery, Bethesda, MD, USA <sup>3</sup>Uniformed Services University Of The Health Sciences, Department Of Surgery, Bethesda, MD, USA

**28.06. Global Capacity Building and Environmental Protection**

**Through Salvage of Operating Room Supplies.** J. Bailey<sup>1</sup>, P. Johnston<sup>1</sup>, M. Maloney<sup>1</sup>, A. Panigrahi<sup>1</sup>, A. V. Gore<sup>1</sup>, Z. Sifri<sup>1</sup> <sup>1</sup>New Jersey Medical School, Newark, NJ, USA

**28.07. Long-term follow-up is possible for short-term surgical**

**trips.** J. S. Broecker<sup>1</sup>, J. Rappaport<sup>1</sup>, W. Liu<sup>1</sup>, C. Poorman<sup>1</sup>, M. Lagina<sup>1</sup>, L. Philipp<sup>1</sup>, J. Srinivasan<sup>2</sup>, J. Sharma<sup>2</sup> <sup>1</sup>Emory University, School Of Medicine, Atlanta, GA, USA <sup>2</sup>Emory University, Department Of Surgery, Atlanta, GA, USA

**28.08. Road Traffic Injuries: Cluster Randomized Countrywide**

**Population Data from 4 Low-Income Countries.** S. Zafar<sup>3</sup>, J. Canner<sup>2</sup>, N. Nagarajan<sup>1,2</sup>, G. SOSAS4 Research<sup>4</sup>, A. L. Kushner<sup>4</sup> <sup>1</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Center For Outcomes Research, Baltimore, MD, USA <sup>3</sup>Howard University College Of Medicine, Surgery, Washington, DC, USA <sup>4</sup>Surgeons OverSeas, New York, NY, USA

**28.09. Mortality of Severely Injured Adult Trauma Patients in**

**Two Countries: Does Age Matter?** M. Dasari<sup>1</sup>, S. D. David<sup>2</sup>, J. Puyana<sup>1</sup>, N. Roy<sup>2</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>TATA Institute Of Social Sciences, School Of Habitat, Mumbai, MAHARASHTRA, India

**28.10. Should hepatectomy for breast cancer metastasis be**

**standard treatments? A propensity score analysis..** T. Cheung<sup>1</sup>, W. Dai<sup>1</sup>, S. H. Tsang<sup>1</sup>, W. She<sup>1</sup>, A. C. Chan<sup>1</sup>, K. S. Chok<sup>1</sup>, C. Lo<sup>1</sup> <sup>1</sup>The University Of Hong Kong, Hong Kong, HONG KONG, Hong Kong

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 29. CLINICAL/OUTCOMES: ONCOLOGY - PATIENT CENTERED OUTCOMES 1 ORAL

CHOPIN 2

**MODERATORS: Giorgos C. Karakousis, MD & Adam C. Yopp, MD**

**29.01. Prognostic impact of pancreastatin following chemoembolization for neuroendocrine tumors.** D. S. Strosberg<sup>1</sup>, J. Onesti<sup>4</sup>, N. Saunders<sup>3</sup>, G. Davidson<sup>1</sup>, M. Shah<sup>5</sup>, M. Dillhoff<sup>1</sup>, C. Schmidt<sup>1</sup>, M. Bloomston<sup>2</sup>, L. A. Shirley<sup>1</sup> <sup>1</sup>The Ohio State University Wexner Medical Center, Surgical Oncology, Columbus, OH, USA <sup>2</sup>21st Century Oncology, Fort Meyers, FL, USA <sup>3</sup>Emory University School Of Medicine, Atlanta, GA, USA <sup>4</sup>Mercy Health Grand Rapids, Grand Rapids, MI, USA <sup>5</sup>The Ohio State University Wexner Medical Center, Medical Oncology, Columbus, OH, USA

**29.02. Preoperative Enteral Access is not Requite Prior to Multimodality Treatment of Esophageal Cancer.** T. K. Jenkins<sup>4</sup>, A. N. Lopez<sup>4</sup>, G. A. Sarosi<sup>1,2</sup>, K. Ben-David<sup>3</sup>, R. M. Thomas<sup>1,2</sup> <sup>1</sup>University Of Florida, Department Of Surgery, Gainesville, FL, USA <sup>2</sup>North Florida/South Georgia Veterans Health System, Department Of Surgery, Gainesville, FL, USA <sup>3</sup>Mount Sinai Medical Center, Department Of Surgery, Miami Beach, FL, USA <sup>4</sup>University Of Florida, College Of Medicine, Gainesville, FL, USA

**29.03. Trends in major abdominal surgery for cancer in octogenarians.** M. G. Neuwirth<sup>1</sup>, A. J. Sinnamon<sup>1</sup>, D. L. Fraker<sup>1</sup>, R. R. Kelz<sup>1</sup>, R. E. Roses<sup>1</sup>, G. C. Karakousis<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

**29.04. Clinicopathologic Score Predicting Lymph Node Metastasis in T1 Gastric Cancer.** T. B. Tran<sup>1</sup>, D. J. Worhunsky<sup>1</sup>, M. H. Squires<sup>2</sup>, L. X. Jin<sup>3</sup>, G. Spolverato<sup>4</sup>, K. I. Votanopoulos<sup>7</sup>, C. S. Cho<sup>5</sup>, S. M. Weber<sup>5</sup>, C. Schmidt<sup>6</sup>, E. A. Levine<sup>7</sup>, R. C. Fields<sup>3</sup>, T. Pawlik<sup>4,6</sup>, S. Maithel<sup>2</sup>, J. A. Norton<sup>1</sup>, G. A. Poultsides<sup>1</sup> <sup>2</sup>Emory University, Atlanta, GA, USA <sup>3</sup>Washington University In St. Louis, St. Louis, MO, USA <sup>4</sup>John Hopkins Hospital, Baltimore, MD, USA <sup>5</sup>University Of Wisconsin, Madison, WI, USA <sup>6</sup>The Ohio State University, Columbus, OH, USA <sup>7</sup>Wake Forest University, Winston-Salem, NC, USA <sup>1</sup>Stanford University, Palo Alto, CA, USA

**29.05. Failure to Rescue Following Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy.** K. Li<sup>1</sup>, A. A. Mokdad<sup>1</sup>, M. Augustine<sup>1</sup>, S. Wang<sup>1</sup>, M. Porembka<sup>1</sup>, A. Yopp<sup>1</sup>, R. Minter<sup>1</sup>, J. Mansour<sup>1</sup>, M. Choti<sup>1</sup>, P. Polanco<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Division Of Surgical Oncology, Dallas, TX, USA

**29.06. Impact of Lymph Node Ratio in Selecting Patients with Resected Gastric Cancer for Adjuvant Therapy.** Y. Kim<sup>1</sup>, M. H. Squires<sup>2</sup>, G. A. Poultsides<sup>3</sup>, R. C. Fields<sup>4</sup>, S. M. Weber<sup>5</sup>, K. I. Votanopoulos<sup>6</sup>, D. Kooby<sup>2</sup>, D. J. Worhunsky<sup>3</sup>, L. X. Jin<sup>4</sup>, W. G. Hawkins<sup>4</sup>, A. W. Acher<sup>5</sup>, C. S. Cho<sup>5</sup>, N. Saunders<sup>7</sup>, E. A. Levine<sup>6</sup>, C. R. Schmidt<sup>7</sup>, S. K. Maithel<sup>2</sup>, T. M. Pawlik<sup>1,7</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA <sup>2</sup>Emory University School Of Medicine, Atlanta, GA, USA <sup>3</sup>Stanford University, Palo Alto, CA, USA <sup>4</sup>Washington University, St. Louis, MO, USA <sup>5</sup>University Of Wisconsin, Madison, WI, USA <sup>6</sup>Wake Forest University School Of Medicine, Winston-Salem, NC, USA <sup>7</sup>Ohio State University, Columbus, OH, USA

**29.07. Clinical Fate of T0N1 Squamous Cell Carcinoma of the Esophagus.** R. Shridhar<sup>2</sup>, J. Huston<sup>1</sup>, S. Kucera<sup>1</sup>, K. Meredith<sup>1</sup> <sup>1</sup>Florida State University College Of Medicine/Sarasota Memorial Health Care System, Gastrointestinal Oncology, Sarasota, FL, USA <sup>2</sup>University Of Central Florida, Radiation Oncology, Orlando, FL, USA

**29.08. Outcome in Real-World Practice for Elderly Patients with Early Breast Cancer .** Q. D. Chu<sup>1</sup>, P. Peddi<sup>1</sup>, M. Zhou<sup>2</sup>, K. Medeiros<sup>2</sup>, X. Wu<sup>2</sup> <sup>1</sup>Louisiana State University Health Sciences Center, Surgery, Shreveport, LA, USA <sup>2</sup>Louisiana State University Health Sciences Center, Biostatistics, New Orleans, LA, USA

**29.10. Does High Expression of Tumor Suppressive MicroRNA Prolong Survival of Breast Cancer?** T. Kawaguchi<sup>1</sup>, L. Yan<sup>2</sup>, Q. Qi<sup>2</sup>, S. Liu<sup>2</sup>, J. Young<sup>1</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Roswell Park Cancer Institute, Department Of Biostatistics & Bioinformatics, Buffalo, NY, USA

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I****30. CLINICAL/OUTCOMES: ONCOLOGY 1 ORAL**

CHOPIN 3

**MODERATORS: Arthur Richardson, FRACS & Shayna L. Showalter, MD**

**30.01. Can Medicaid Expansion Decrease Disparity in Surgical Cancer Care at High Quality Hospitals?** D. Xiao<sup>1,2,3</sup>, C. Zheng<sup>1,2,3</sup>, M. Jindal<sup>1,2,3</sup>, C. Ihemelandu<sup>1,2,3</sup>, L. Johnson<sup>1,2,3</sup>, T. DeLeire<sup>2,3</sup>, N. Shara<sup>1,2,3</sup>, W. Al-Refaie<sup>1,2,3</sup> <sup>1</sup>MedStar Georgetown University Hospital, Washington, DC, USA <sup>2</sup>MedStar Georgetown Surgical Outcomes Research Center, Washington, DC, USA <sup>3</sup>Georgetown University Medical Center, Washington, DC, USA

**30.02. Disparities in Managing Emotions when Facing Breast Cancer: Results of Couples Distress Screening** S. Dumitra<sup>1</sup>, V. Jones<sup>1</sup>, C. Vito<sup>1</sup>, J. Rodriguez<sup>1</sup>, C. Bitz<sup>1</sup>, E. Polamero<sup>2</sup>, M. Loscalzo<sup>2</sup>, R. Obenchain<sup>2</sup>, L. Kruper<sup>1</sup>, S. G. Warner<sup>1</sup> <sup>1</sup>City Of Hope National Medical Center, Department Of Surgery, Duarte, CA, USA <sup>2</sup>City Of Hope National Medical Center, Department Of Populational Sciences, Duarte, CA, USA

**30.03. Impact of Time to Surgery in Patients with Clinical Stage I-II Pancreatic Adenocarcinoma.** D. S. Swords<sup>1</sup>, C. Zhang<sup>2</sup>, A. P. Presson<sup>2</sup>, M. A. Firpo<sup>1</sup>, S. J. Mulvihill<sup>1</sup>, C. L. Scaife<sup>1</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>City Of Hope National Medical Center, Salt Lake City, UT, USA

**30.04. Age is an Important Risk Stratifier for Lymph Node Metastasis in Patients with Thin Melanoma.** A. J. Sinnamon<sup>1</sup>, M. G. Neuwirth<sup>1</sup>, R. L. Hoffman<sup>1</sup>, D. E. Elder<sup>2</sup>, X. Xu<sup>2</sup>, R. R. Kelz<sup>1</sup>, R. E. Roses<sup>1</sup>, D. L. Fraker<sup>1</sup>, G. C. Karakousis<sup>1</sup> <sup>2</sup>Hospital Of The University Of Pennsylvania, Department Of Pathology, Philadelphia, PA, USA <sup>1</sup>Hospital Of The University Of Pennsylvania, Endocrine And Oncologic Surgery, Philadelphia, PA, USA

**30.05. Postoperative Outcomes From Rectal Cancer Resection in the U.S.: Still Room For Improvement.** L. Gregorian<sup>1</sup>, E. Vo<sup>1</sup>, L. Haubert<sup>1,2</sup>, E. Choi<sup>1,2</sup>, S. S. Awad<sup>1,3</sup>, A. Artinyan<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Houston, TX, USA <sup>2</sup>Baylor St. Lukes Medical Center, Houston, TX, USA <sup>3</sup>Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA

**30.06. Hospital Minimally Invasive Surgery Utilization for Gastrointestinal Cancer.** M. C. Mason<sup>1,2</sup>, H. S. Tran Cao<sup>2</sup>, S. S. Awad<sup>1,2</sup>, F. Farjah<sup>3</sup>, G. J. Chang<sup>4</sup>, C. Chai<sup>2</sup>, N. N. Massarweh<sup>1,2</sup> <sup>1</sup>Michael E. DeBakey VA Medical Center, Houston VA Center For Innovations In Quality, Effectiveness, And Safety, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA <sup>3</sup>University Of Washington, Department Of Surgery And Surgical Outcomes Research Center, Seattle, WA, USA <sup>4</sup>The University Of Texas MD Anderson Cancer Center, Department Of Surgical Oncology And Health Services Research, Houston, TX, USA

**30.07. Impact of Peer Support on Colorectal Cancer Patients' Adherence to Recommended Multidisciplinary Care.** A. E. Kanters<sup>1</sup>, A. M. Morris<sup>1</sup>, P. H. Abrahamse<sup>2</sup>, L. Mody<sup>3</sup>, P. A. Suwanabol<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of General Surgery, Ann Arbor, MICHIGAN, USA <sup>2</sup>University Of Michigan, Center For Cancer Biostatistics, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, Department Of Internal Medicine, Ann Arbor, MI, USA

**30.08. Malignant Large Bowel Obstruction: Is Less More?** P. J. Chung<sup>1</sup>, M. C. Smith<sup>1</sup>, H. Talus<sup>3</sup>, V. Roudnitsky<sup>2</sup>, A. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>State University Of New York Downstate Medical Center, Surgery, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Acute Care Surgery/Trauma, Brooklyn, NY, USA <sup>3</sup>Kings County Hospital Center, Surgery, Brooklyn, NY, USA

**30.09. Stromal MZB1 is a Prognostic Factor of Pancreatic Cancer Resected After Chemoradiotherapy.** K. Miyake<sup>1</sup>, R. Mori<sup>1</sup>, R. Matsuyama<sup>1</sup>, Y. Homma<sup>1</sup>, A. Okayama<sup>2</sup>, Y. Ota<sup>1</sup>, K. Taniguchi<sup>1</sup>, H. Hirano<sup>2</sup>, I. Endo<sup>1</sup> <sup>2</sup>Yokohama City University, Graduate School Of Medical Life Science And Advanced Medical Research Center, Yokohama, KANAGAWA, Japan <sup>1</sup>Yokohama City University, Department Of Gastroenterological Surgery, Yokohama, KANAGAWA, Japan

**30.10. Impact of Neoadjuvant Dose Escalation on Downstaging & Perioperative Mortality in Esophageal Cancer.** S. Ji<sup>3</sup>, S. Thomas<sup>5,7</sup>, K. Anderson<sup>3</sup>, J. Frakes<sup>2</sup>, S. Roman<sup>4,7,8</sup>, J. A. Sosa<sup>4,6,7,8</sup>, T. Robinson<sup>2</sup> <sup>3</sup>Duke University Medical Center, School Of Medicine, Durham, NC, USA <sup>4</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA <sup>5</sup>Duke University Medical Center, Department Of Biostatistics And Bioinformatics, Durham, NC, USA <sup>6</sup>Duke University Medical Center, Department Of Medicine, Durham, NC, USA <sup>7</sup>Duke Cancer Institute, Durham, NC, USA <sup>8</sup>Duke Clinical Research Institute, Durham, NC, USA <sup>1</sup>Duke University Medical Center, Durham, NC, USA <sup>2</sup>Moffitt Cancer Center And Research Institute, Tampa, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 31. CLINICAL/OUTCOMES: TRANSPLANTATION ORAL

CHOPIN 4

**MODERATORS: Christine S. Hwang, MD & Jayme E. Locke, MD MPH**

**31.01. \*JSS ABSTRACT WINNER Neutrophil-lymphocyte Ratio Reflects Cancer Recurrence After Liver Transplantation.** T. Motomura<sup>1</sup>, T. Yoshizumi<sup>1</sup>, A. Nagatsu<sup>1</sup>, S. Itoh<sup>1</sup>, N. Harada<sup>1</sup>, N. Harimoto<sup>1</sup>, T. Ikegami<sup>1</sup>, Y. Soejima<sup>1</sup>, Y. Maehara<sup>1</sup> <sup>1</sup>Kyushu University, Department Of Surgery And Sciences, Fukuoka, Japan

**31.02. Prospective Study of a Steroid-Free, Low Dose Tacrolimus with Everolimus Regimen in Kidney Transplant.** D. Lyubashevsky<sup>1</sup>, A. Shetty<sup>2</sup>, J. Leventhal<sup>2</sup>, M. J. Ansari<sup>2</sup>, V. Mas<sup>3</sup>, J. Matthew<sup>2</sup>, L. Gallon<sup>2</sup> <sup>3</sup>Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA <sup>1</sup>New York Medical College, Valhalla, NY, USA <sup>2</sup>Northwestern University, Chicago, IL, USA

**31.03. Assessment of Risk Factors for Increased Resource Utilization in Kidney Transplantation.** S. C. Vranian<sup>1</sup>, K. L. Covert<sup>2</sup>, C. R. Mardis<sup>3</sup>, J. W. McGillicuddy<sup>1</sup>, K. D. Chavin<sup>1</sup>, D. Dubay<sup>1</sup>, D. J. Taber<sup>1</sup> <sup>1</sup>Medical University Of South Carolina, Division Of Transplant Surgery, Charleston, SC, USA <sup>2</sup>Medical University Of South Carolina, Department Of Pharmacy Services, Charleston, SC, USA <sup>3</sup>Medical University Of South Carolina, Transplant Service Line, Charleston, SC, USA

**31.04. Raising Quality or Harming Access? Effects of Systems Improvement Agreements on Organ Transplantation.** L. H. Nicholas<sup>1,2</sup>, D. Segev<sup>1,2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA <sup>2</sup>Johns Hopkins School Of Public Health, Baltimore, MD, USA

**31.05. Incidence and impact of adverse drug events leading to hospitalization in kidney transplantation.** M. Arms<sup>1</sup>, J. W. McGillicuddy<sup>1</sup>, S. N. Nadig<sup>1</sup>, D. J. Taber<sup>1</sup> <sup>1</sup>Medical University Of South Carolina, Transplant Surgery, Charleston, SC, USA

**31.06. Early Post-transplant Clinical Outcomes for Liver Allografts with Any Steatosis.** J. P. Davis<sup>1</sup>, C. A. Kubal<sup>1</sup>, B. Ekser<sup>1</sup>, J. A. Fridell<sup>1</sup>, K. A. Thatch<sup>1</sup>, R. S. Mangus<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Indianapolis, IN, USA

**31.07. Age is an effect modifier of racial disparities in heart transplant.** H. Maredia<sup>1</sup>, M. Bowring<sup>1,2</sup>, A. Massie<sup>1,2</sup>, E. Bush<sup>1</sup>, D. Segev<sup>1,2</sup> <sup>2</sup>Johns Hopkins University School Of Public Health, Department Of Epidemiology, Baltimore, MD, USA <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA

**31.08. Pre-Operative Native TEG Maximum Amplitude Predicts Massive Transfusion in Liver Transplantation.** P. J. Lawson<sup>1</sup>, H. B. Moore<sup>1</sup>, G. R. Stettler<sup>1</sup>, T. J. Pshak<sup>1</sup>, T. L. Nydam<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA

**31.09. Nationwide Assessment of Readability of Liver Transplant Education.** Y. J. Bababekov<sup>1</sup>, F. C. Njoku<sup>1,2,3</sup>, B. Cao<sup>1,2,4</sup>, J. T. Adler<sup>1</sup>, J. J. Pomposelli<sup>5</sup>, D. C. Chang<sup>1</sup>, H. Yeh<sup>2</sup> <sup>1</sup>Massachusetts General Hospital, Codman Center For Clinical Effectiveness In Surgery/ Surgery/Harvard Medical School, Boston, MA, USA <sup>2</sup>Massachusetts General Hospital, Transplantation/Surgery/Harvard Medical School, Boston, MA, USA <sup>3</sup>University Of California - Irvine, School Of Medicine, Irvine, CA, USA <sup>4</sup>University Of Rochester, School Of Medicine, Rochester, NY, USA <sup>5</sup>University Of Colorado Denver, Transplant Surgery/Surgery/School Of Medicine, Aurora, CO, USA

**31.10. Market Competition Influences Access to Renal Transplantation.** J. T. Adler<sup>1</sup>, D. C. Chang<sup>1</sup>, H. Yeh<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Boston, MA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I****32. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE 1 ORAL**

DEBUSSY 1

**MODERATORS: Reza Askari, MD & Angela M. Ingraham, MD, MS****32.01. Empowering Bystanders to Intervene: The Health Belief**

**Model and Chicago's South Side.** L. C. Tatebe<sup>1</sup>, S. Speedy<sup>1</sup>, S. Regan<sup>3</sup>, A. Boone<sup>1</sup>, F. Cosey-Gay<sup>2</sup>, L. Stone<sup>3</sup>, M. Shapiro<sup>1</sup>, M. Swaroop<sup>1</sup> <sup>3</sup>University Of Illinois At Chicago, CeaseFire Chicago, Chicago, IL, USA <sup>1</sup>Northwestern University, Trauma/Critical Care, Chicago, IL, USA <sup>2</sup>University Of Chicago, Chicago, IL, USA

**32.02. Effectiveness of ATOMAC Guideline for Blunt Pediatric Injury: A 3-Year 10-Center Prospective Study.**

D. M. Notrica<sup>1,11,12</sup>, C. S. Langlais<sup>1</sup>, M. E. Linnaus<sup>1,11</sup>, K. A. Lawson<sup>2</sup>, J. W. Eubanks<sup>6</sup>, A. C. Alder<sup>3</sup>, N. M. Garcia<sup>2</sup>, R. W. Letton<sup>5</sup>, D. W. Tuggle<sup>2</sup>, T. Ponsky<sup>8</sup>, D. Ostlie<sup>1</sup>, A. Bhatia<sup>10</sup>, S. D. St. Peter<sup>9</sup>, C. Leys<sup>7</sup>, R. T. Maxson<sup>4</sup>, D. M. Notrica<sup>1,11,12</sup> <sup>1</sup>Phoenix Children's Hospital, Phoenix, AZ, USA <sup>2</sup>Dell Children's Medical Center, Austin, TX, USA <sup>3</sup>Children's Medical Center Dallas, Part Of Children's Health, Dallas, TX, USA <sup>4</sup>Arkansas Children's Hospital, Little Rock, AR, USA <sup>5</sup>The Children's Hospital At OU Medical Center, Oklahoma City, OK, USA <sup>6</sup>LeBonheur Children's Hospital, Memphis, TN, USA <sup>7</sup>American Family Children's Hospital, Madison, WI, USA <sup>8</sup>Akron Children's Hospital, Akron, OH, USA <sup>9</sup>Children's Mercy Hospital, Kansas City, MO, USA <sup>10</sup>Children's Healthcare Of Atlanta, Atlanta, GA, USA <sup>11</sup>Mayo Clinic, Phoenix, AZ, USA <sup>12</sup>University Of Arizona College Of Medicine - Phoenix, Phoenix, AZ, USA

**32.04. Environmental and Community Determinants of Injury**

**Mortality.** M. P. Jarman<sup>1</sup>, R. C. Castillo<sup>1</sup> <sup>1</sup>Johns Hopkins Bloomberg School Of Public Health, Department Of Health Policy And Management, Baltimore, MD, USA

**32.05. Asymptomatic Screening in Trauma Patients Reduces Risk for Pulmonary Embolism.**

D. Koganti<sup>1</sup>, A. Johnson<sup>1</sup>, S. Stake<sup>1</sup>, A. Wallace<sup>1</sup>, S. Cowan<sup>1</sup>, J. Marks<sup>1</sup>, M. Cohen<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Surgery, Philadelphia, PA, USA

**32.06. Standard Enoxaparin Dosing Provides Inadequate**

**Thromboprophylaxis in Orthopaedic Trauma.** D. L. Jones<sup>1</sup>, A. Prazak<sup>2</sup>, K. I. Fleming<sup>3</sup>, T. Higgins<sup>1</sup>, C. J. Pannucci<sup>3</sup> <sup>1</sup>University Of Utah, Orthopaedic Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Salt Lake City, UT, USA <sup>3</sup>University Of Utah, Plastic Surgery, Salt Lake City, UT, USA

**32.07. The Impact Of Gcs-age Prognosis (Gap) Score On Geriatric Tbi Outcomes.**

M. Khan<sup>1</sup>, A. Azim<sup>1</sup>, T. O'Keeffe<sup>1</sup>, L. Gries<sup>1</sup>, K. Ibraheem<sup>1</sup>, A. Tang<sup>1</sup>, G. Vercruysse<sup>1</sup>, R. Friese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma And Surgical Critical Care/Department Of Surgery, Tucson, AZ, USA

**32.08. Trends in Firearm Related Injuries in Children and Young**

**Adults Admitted to US Hospitals.** M. Nuno<sup>1</sup>, M. K. Srour<sup>1</sup>, A. V. Lewis<sup>1</sup>, R. F. Alban<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Trauma And Critical Care Surgery, Los Angeles, CA, USA

**32.09. Computed Tomography In Trauma: Effect Of Provider Experience And Training Level On Patterns Of Use.**

K. Habeeb<sup>1</sup>, T. R. Wojda<sup>1</sup>, A. Z. Hasani<sup>2</sup>, J. D. Nuschke<sup>2</sup>, Z. K. Zhang<sup>2</sup>, B. A. Hoey<sup>1</sup>, W. S. Hoff<sup>1</sup>, P. G. Thomas<sup>1</sup>, S. P. Stawicki<sup>1</sup> <sup>1</sup>St. Luke's University Health Network, Department Of Surgery, Bethlehem, PENNSYLVANIA, USA <sup>2</sup>Temple University, St. Luke's University Hospital Campus, Bethlehem, PA, USA

**32.10. A Survey of Seat Belt and Helmet Use Immediately Post**

**Collision in the Injured Patient.** M. Meyer<sup>1</sup>, M. C. Spalding<sup>1</sup>, M. S. O'Mara<sup>1</sup> <sup>1</sup>Grant Medical Center/Ohio University Heritage College Of Medicine, Trauma Surgery, Columbus, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 33. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE 2 ORAL

DEBUSSY 2

**MODERATORS: Michael D. Goodman, MD & Babak Sarani, MD**

**33.01. Fractured Care and Outcomes After Injury: National Estimates of 30-day Hospital Readmissions and Mortality.** B. P. Smith<sup>1</sup>, C. E. Fick<sup>2</sup>, D. N. Holena<sup>1</sup> <sup>1</sup>University Of Pennsylvania ,Surgery,Philadelphia, PA, USA <sup>2</sup>Georgetown University Medical Center,Washington, DC, USA

**33.02. An Analysis of Trauma Intubations Performed by Emergency Physicians at a Level 1 Trauma Center.** K. N. Williams<sup>1</sup>, P. Rhee<sup>1</sup>, T. O'Keeffe<sup>1</sup>, B. Joseph<sup>1</sup>, M. Singer<sup>1</sup>, A. Tang<sup>1</sup>, G. Vercruysse<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, J. Sakles<sup>1</sup> <sup>1</sup>University Of Arizona,Division Of Trauma,Tucson, AZ, USA

**33.03. Safety of Early Venous Thromboembolism Prophylaxis for Isolated Blunt Splenic Injury: A TQIP Study.** B. Lin<sup>1</sup>, K. Matsushima<sup>1</sup>, L. De Leon<sup>1</sup>, G. Recinos<sup>1</sup>, A. Piccinini<sup>1</sup>, E. Benjamin<sup>1</sup>, K. Inaba<sup>1</sup>, D. Demetriades<sup>1</sup> <sup>1</sup>University Of Southern California,Acute Care Surgery,Los Angeles, CALIFORNIA, USA

**33.04. Platelet ADP Receptor Inhibition Predicts Need for Platelet Transfusion but not Massive Transfusion.** G. R. Stettler<sup>1</sup>, H. B. Moore<sup>1</sup>, G. R. Nunns<sup>1</sup>, A. Sauaia<sup>1</sup>, A. Ghasabyan<sup>2</sup>, C. C. Silliman<sup>1,3,4</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver,Department Of Surgery,Aurora, CO, USA <sup>2</sup>Denver Health Medical Center, Department Of Surgery,Aurora, CO, USA <sup>3</sup>Bonfils Blood Center,Denver, CO, USA <sup>4</sup>Children's Hospital Colorado,Aurora, CO, USA

**33.05. Abnormal Platelet Function Contributes to Hypercoagulability After Trauma.** S. A. Eidelson<sup>1</sup>, C. A. Karcutskie<sup>1</sup>, C. I. Schulman<sup>1</sup>, N. Namias<sup>1</sup>, K. G. Proctor<sup>1</sup> <sup>1</sup>University Of Miami,Department Of Surgery,Miami, FL, USA

**33.06. Late Relative Lymphopenia is Associated with an Increased Infection Rate in Pediatric Burn Patients.** Z. Diltz<sup>3,4</sup>, R. A. Devine<sup>4</sup>, K. Wheeler<sup>4</sup>, J. Shi<sup>4</sup>, H. Xiang<sup>4</sup>, R. Fabia<sup>1,5</sup>, M. W. Hall<sup>2,4,6</sup>, R. K. Thakkar<sup>1,4,5</sup> <sup>1</sup>Nationwide Children's Hospital,Department Of Pediatric Surgery,Columbus, OH, USA <sup>2</sup>Nationwide Children's Hospital,Department Of Critical Care Medicine,Columbus, OH, USA <sup>3</sup>Ohio State University,College Of Medicine,Columbus, OH, USA <sup>4</sup>Nationwide Children's Hospital,The Research Institute,Columbus, OH, USA <sup>5</sup>Ohio State University,Department Of Surgery,Columbus, OH, USA <sup>6</sup>Ohio State University,Division Of Pulmonary, Critical Care And Sleep Medicine,Columbus, OH, USA

**33.07. Platelet Transfusion Does Not Improve Outcomes in Brain Injured Patients on Antiplatelet Therapy.** P. Maluso<sup>1</sup>, J. Holzmacher<sup>1</sup>, C. L. Reynolds<sup>3</sup>, M. Patel<sup>4</sup>, S. Holland<sup>5</sup>, N. Gamsky<sup>1</sup>, H. Moore<sup>2</sup>, E. Acquista<sup>6</sup>, M. Carrick<sup>7</sup>, R. L. Amdur<sup>1</sup>, H. Hancock<sup>5</sup>, J. Dunn<sup>9</sup>, B. Sarani<sup>1</sup> <sup>1</sup>George Washington University School Of Medicine And Health Sciences,Surgery,Washington, DC, USA <sup>2</sup>Carle Foundation Hospital,Surgery,Urbana, IL, USA <sup>3</sup>East Carolina University Brody School Of Medicine,Surgery,Greenville, NC, USA <sup>4</sup>Vanderbilt University Medical Center,Surgery,Nashville, TN, USA <sup>5</sup>San Antonio Military Medical Center,Surgery,Fort Sam Houston, TX, USA <sup>6</sup>University Of North Carolina At Chapel Hill,Surgery,Chapel Hill, NC, USA <sup>7</sup>Medical Center At Plano,Surgery,Plano, TX, USA <sup>8</sup>Columbia University College Of Physicians And Surgeons,Surgery,New York, NY, USA <sup>9</sup>Medical Center Of The Rockies,Surgery,Loveland, CO, USA

**33.08. Using Machine Learning Techniques to Develop a Mobile Application to Predict Unplanned Reintubations.** A. N. Kothari<sup>1</sup>, J. Attisha<sup>2</sup>, S. A. Brownlee<sup>1</sup>, A. Cobb<sup>1</sup>, C. Fairman<sup>1</sup>, K. Halvorsen<sup>1</sup>, W. Hopkinson<sup>1</sup>, H. H. Ton-That<sup>1</sup>, P. C. Kuo<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine,Surgery,Maywood, IL, USA <sup>2</sup>DePaul University,College Of Computing And Digital Media,Chicago, IL, USA

**33.09. Pre-injury ACS-TQIP Functional Status Predicts Decline after Traumatic Injury in Older Adults.** J. R. Cherry-Bukowiec<sup>1</sup>, N. Werner<sup>1</sup>, L. Min<sup>2</sup>, J. Ha<sup>2</sup>, P. K. Park<sup>1</sup> <sup>1</sup>University Of Michigan,Surgery,Ann, MI, USA <sup>2</sup>University Of Michigan,Geriatrics,Ann Arbor, MI, USA

**33.10. Admission Of Older Blunt Thoracic Trauma Patients To The Intensive Care Unit (ICU) Improves Outcomes.** O. Pyke<sup>1</sup>, J. A. Vosswinkel<sup>1</sup>, J. E. McCormack<sup>1</sup>, E. Huang<sup>1</sup>, R. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center,Trauma,Stony Brook, NY, USA

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I**

**34. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - PATIENT CENTERED OUTCOMES ORAL**

ENCORE BALLROOM 1

**MODERATORS: Kakra Hughes, MD & Christian Jones, MD**

**34.01. Bile Leak After Operative AAST Grade III-V Liver Injuries, Risk Factors and Management.** R. J. Miskimins<sup>1</sup>, A. A. Greenbaum<sup>1</sup>, P. Kilen<sup>2</sup>, R. Preda<sup>1</sup>, S. W. Lu<sup>1</sup>, T. R. Howdieshell<sup>1</sup>, S. D. West<sup>1</sup> <sup>1</sup>University Of New Mexico HSC, Department Of Surgery, Albuquerque, NM, USA <sup>2</sup>University Of New Mexico HSC, School Of Medicine, Albuquerque, NM, USA

**34.02. Concussion Among The Elderly: A Silent Epidemic .** A. Caiado<sup>1</sup>, S. Armen<sup>1</sup>, R. Staszak<sup>1</sup>, J. Chandler<sup>1</sup>, K. Fitzgerald<sup>1</sup>, S. Allen<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Hershey, PA, USA

**34.03. Can We Truly Impact The Incidence Of Post-Traumatic Seizures Using Anti-Epileptic Drug Prophylaxis?** M. B. Singer<sup>1</sup>, B. Zangbar<sup>1</sup>, K. Williams<sup>1</sup>, B. Joseph<sup>1</sup>, A. Tang<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, P. Rhee<sup>1</sup>, T. O'Keeffe<sup>1</sup> <sup>1</sup>University Of Arizona, Division Of Trauma, Critical Care, Burns, And Emergency Surgery, Tucson, AZ, USA

**34.04. Complications in the Morbidly Obese After ORIF of Isolated Open Tibia Fractures.** N. N. Branch<sup>1</sup>, R. Wilson<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA

**34.05. The "Lethal Triad" in Blunt Traumatic Hemorrhagic Shock: What is Contributing to "Lethal?"** J. O. Hwabejire<sup>1</sup>, C. E. Nembhard<sup>1</sup>, T. A. Oyetunji<sup>3</sup>, W. R. Greene<sup>2</sup>, M. Williams<sup>1</sup>, E. E. Cornwell III<sup>1</sup>, S. M. Siram<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Surgery, Washington, DC, USA <sup>2</sup>Emory University Hospital, Surgery, Atlanta, GEORGIA, USA <sup>3</sup>Northwestern University Feinberg School Of Medicine, Surgery, Chicago, ILLINOIS, USA

**34.06. Outcomes Of Patients with Traumatic Brain Injury in Skilled Nursing Facilities.** S. N. Lueckel<sup>1,2</sup>, D. S. Heffernan<sup>1,3</sup>, T. Kheirbek<sup>1,3</sup>, M. D. Connolly<sup>1,3</sup>, S. F. Monaghan<sup>1,3</sup>, C. A. Adams<sup>1,3</sup>, W. G. Cioffi<sup>1,3</sup>, K. Thomas<sup>2</sup> <sup>3</sup>Brown University, School Of Medicine, Providence, RI, USA <sup>1</sup>Rhode Island Hospital, Department Of Surgery Division Of Trauma Surgery And Critical Care, Providence, RI, USA <sup>2</sup>Brown University, School Of Public Health, Providence, RI, USA

**34.07. Palliative Care Assessment for Injured Patients: Perspectives from Trauma and Palliative Care Teams.** M. J. Keating<sup>1</sup>, N. D. Patel<sup>1</sup>, M. Nishtala<sup>1</sup>, C. W. Towe<sup>1</sup>, C. S. Koniaris<sup>2</sup>, J. George<sup>2</sup>, V. P. Ho<sup>1</sup> <sup>1</sup>Case Western Reserve University School Of Medicine, Surgery, Cleveland, OH, USA <sup>2</sup>Case Western Reserve University School Of Medicine, Medicine, Cleveland, OH, USA

**34.08. Trauma-Induced Coagulopathy is associated with an Early, Discoordinated Inflammatory Response.** R. A. Namas<sup>1</sup>, X. Zhu<sup>1</sup>, D. Liu<sup>1</sup>, O. Abdul-Malak<sup>1</sup>, J. Sperry<sup>1</sup>, Y. Vodovotz<sup>1</sup>, T. Billiar<sup>1</sup> <sup>1</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA

**34.09. Risk of Death in Elderly Blunt Trauma Patients: Complications Count.** V. Gahlawat<sup>1</sup>, J. A. Vosswinkel<sup>1</sup>, A. J. Singer<sup>1</sup>, M. J. Shapiro<sup>1</sup>, J. E. McCormack<sup>1</sup>, E. Huang<sup>1</sup>, R. S. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Stony Brook, NY, USA

**34.10. Increasing Number and Age of Blood Increases Mortality in Massively Transfused Trauma Patients.** R. Uhlich<sup>1</sup>, R. Patel<sup>1</sup>, J. Pittet<sup>1</sup>, P. Bosarge<sup>1</sup>, M. Marques<sup>1</sup>, H. Wang<sup>1</sup>, J. Kerby<sup>1</sup> <sup>1</sup>UAB, Acute Care Surgery, Birmingham, AL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 35. CLINICAL/OUTCOMES: COST-EFFECTIVENESS ORAL

ENCORE BALLROOM 3

**MODERATORS: Carrie C. Lubitz, MD, MPH & Susan C. Pitt, MD**

#### 35.01. Hot Spotting as a Strategy to Identify High Cost Surgical Populations.

S. P. Shubeck<sup>1,2,3</sup>, M. Healy<sup>1,2</sup>, J. Thumma<sup>1,2</sup>, E. Norton<sup>4,5,6</sup>, J. Dimick<sup>1,2</sup>, H. Nathan<sup>1,2</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Center For Health Outcomes & Policy (CHOP), Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, National Clinician Scholars Program, Ann Arbor, MI, USA <sup>4</sup>University Of Michigan, Department Of Health Management And Policy, Ann Arbor, MI, USA <sup>5</sup>University Of Michigan, Department Of Economics, Ann Arbor, MI, USA <sup>6</sup>National Bureau Of Economic Research, Cambridge, MA

#### 35.02. Improving On Time Surgical Starts: The Impact of Implementing Pre-OR Timeouts and Performance Pay.

J. Langell<sup>1,2</sup>, L. Martin<sup>1,2</sup>, J. Langell<sup>1,2</sup> <sup>1</sup>University Of Utah, School of Medicine, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>VA Salt Lake City Health Care System, Center Of Innovation, Salt Lake City, UT, USA

#### 35.03. The Cost Consequences of Age and Comorbidity in Accelerated Postoperative Discharge After Colectomy.

S. P. Shubeck<sup>1,5,6</sup>, A. H. Cain-Nielsen<sup>1</sup>, E. Norton<sup>2,3,4</sup>, S. Regenbogen<sup>1,5</sup> <sup>2</sup>University Of Michigan, Department Of Health Management, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, Department Of Economics, Ann Arbor, MI, USA <sup>4</sup>National Bureau Of Economic Research, Cambridge, MA, USA <sup>5</sup>University Of Michigan, Center For Health Outcomes & Policy (CHOP), Ann Arbor, MI, USA <sup>6</sup>University Of Michigan, National Clinician Scholars Program, Ann Arbor, MI, USA <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

#### 35.05. Decision Analysis Supports the Use of Amylase Based Enhanced Recovery Pathway After Esophagectomy.

B. Jiang<sup>2</sup>, V. P. Ho<sup>2</sup>, J. Ginsberg<sup>1</sup>, S. J. Fu<sup>1</sup>, Y. Perry<sup>1</sup>, L. Argote-Greene<sup>1</sup>, P. A. Linden<sup>1</sup>, C. W. Towe<sup>1</sup> <sup>1</sup>University Hospitals Case Medical Center, Thoracic And Esophageal Surgery, Cleveland, OH, USA <sup>2</sup>University Hospitals Case Medical Center, Surgery, Cleveland, OH, USA

#### 35.06. Saving Time: A Single Center Experience with Eliminating the Post-PICC Placement Chest X-Ray.

Y. W. Chang<sup>1</sup>, J. Park<sup>1</sup>, S. Safford<sup>1</sup> <sup>1</sup>Virginia Tech Carilion School Of Medicine, Roanoke, VA, USA

#### 35.07. In by Helicopter Out by Cab: The Financial Cost of Aeromedical Overtriage of Trauma Patients?

S. K. Madiraju<sup>3</sup>, J. Catino<sup>1</sup>, C. Kokaram<sup>1</sup>, T. Genuit<sup>3</sup>, M. Bukur<sup>2</sup> <sup>1</sup>Delray Medical Center, Trauma/Critical Care, Delray Beach, FL, USA <sup>2</sup>Bellevue Hospital Center, Trauma/Critical Care, New York, NY, USA <sup>3</sup>FAU Charles E Schmidt College Of Medicine, N/A, Boca Raton, FL, USA

#### 35.08. Surgical Tray Optimization is a Simple Way to Decrease Perioperative Costs.

J. S. Farrelly<sup>1</sup>, C. Clemons<sup>2</sup>, S. Witkins<sup>2</sup>, W. Hall<sup>2</sup>, E. Christison-Lagay<sup>1,2</sup>, D. Ozgediz<sup>1,2</sup>, R. Cowles<sup>1,2</sup>, D. Stitelman<sup>1,2</sup>, M. G. Caty<sup>1,2</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA <sup>2</sup>Yale New Haven Hospital, New Haven, CT, USA

#### 35.09. Reassessing the Utility of CT Arteriograms in Penetrating Injuries to the Extremities.

L. A. Gurien<sup>1</sup>, B. K. Yorkgitis<sup>1</sup>, J. W. Dennis<sup>1</sup> <sup>1</sup>University Of Florida College Of Medicine - Jacksonville, Surgery, Jacksonville, FL, USA

#### 35.10. Stapler vs. Looped Suture in Appendectomy: A

**Comparative Outcomes Analysis.** P. P. Parikh<sup>1</sup>, J. Tashiro<sup>1</sup>, A. E. Wagenaar<sup>1</sup>, M. Curbelo<sup>2</sup>, N. Joudi<sup>1</sup>, E. A. Perez<sup>1</sup>, H. L. Neville<sup>1</sup>, A. R. Hogan<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA <sup>2</sup>Baptist Children's Hospital, Surgery, Miami, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I****36. CLINICAL/OUTCOMES: GERIATRIC SURGERY ORAL**

HANDEL

**MODERATORS: Eric C. Feliberti, MD & Sarah C. Oltmann, MD****36.01. Predicting Failure to Rescue Following AAA Repair in**

**Octogenarians.** C. W. Hicks<sup>1</sup>, T. Obeid<sup>1</sup>, S. Locham<sup>1</sup>, M. A. Cooper<sup>1</sup>, I. Arhuidese<sup>1</sup>, M. B. Malas<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Division Of Vascular Surgery And Endovascular Therapy, Baltimore, MD, USA

**36.02. Hospital Variation in Outcomes Following Colectomies**

**in Frail Patients.** V. C. Nikolian<sup>1</sup>, N. Kamdar<sup>1</sup>, I. S. Denna<sup>1</sup>, S. Hendren<sup>1</sup>, D. S. Campbell<sup>1</sup>, P. Suwanabol<sup>1</sup> <sup>1</sup>University Of Michigan Health System, General Surgery, Ann Arbor, MI, USA

**36.03. Updated Nsqip Frailty Index – Validation For Vascular**

**Surgery.** A. P. Johnson<sup>1</sup>, P. J. DiMuzio<sup>1</sup>, S. W. Cowan<sup>1</sup>, H. A. Pitt<sup>2</sup> <sup>1</sup>Thomas Jefferson University, Philadelphia, PA, USA <sup>2</sup>Temple University, Philadelphia, PA, USA

**36.05. Effectiveness of Local Therapy for Stage I Non-Small Cell**

**Lung Cancer in Nonagenarians.** B. N. Arnold<sup>1</sup>, D. C. Thomas<sup>1</sup>, J. E. Rosen<sup>1</sup>, M. C. Salazar<sup>1</sup>, F. C. Detterbeck<sup>1</sup>, J. D. Blasberg<sup>1</sup>, D. J. Boffa<sup>1</sup>, A. W. Kim<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, Section Of Thoracic Surgery, New Haven, CT, USA

**36.06. Can Emergency Department Physiologic Parameters**

**Predict Injury Severity in Elderly Trauma Patients?.** S. L. Nitzschke<sup>1</sup>, G. Barmparas<sup>2</sup>, O. Olugajo<sup>3</sup>, C. Burns<sup>1</sup>, Z. Cooper<sup>1</sup>, A. Haider<sup>1</sup>, A. Salim<sup>1</sup> <sup>2</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA <sup>3</sup>Washington University, St. Louis, MO, USA <sup>1</sup>Brigham And Women's Hospital, Trauma/Surgery/Harvard, Boston, MA, USA

**36.07. Study on the Validity of Pancreaticoduodenectomy in the**

**Elderly.** Y. Futagawa<sup>1</sup>, T. Kanehira<sup>1</sup>, K. Furukawa<sup>1</sup>, N. Okui<sup>1</sup>, J. Shimada<sup>1</sup>, N. Tsutsui<sup>1</sup>, Y. Fujiwara<sup>1</sup>, H. Kitamura<sup>1</sup>, S. Yoshida<sup>1</sup>, T. Usuba<sup>1</sup>, T. Nojiri<sup>1</sup>, S. Fujioka<sup>1</sup>, T. Misawa<sup>1</sup>, T. Okamoto<sup>1</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School Of Medicine, Surgery, Minato-ku, TOKYO, Japan

**36.08. Patients with Dementia and Acute Surgical Abdomen:**

**Opportunities for Palliative Care.** F. J. Hwang<sup>2</sup>, S. Pentakota<sup>2</sup>, R. Singh<sup>2</sup>, A. Berlin<sup>2</sup>, A. Mosenthal<sup>2</sup> <sup>2</sup>Rutgers New Jersey Medical School, Surgery, Newark, NJ, USA <sup>1</sup>University Of Medicine And Dentistry Of New Jersey, General Surgery, Newark, NJ, USA

**36.09. Reconceptualizing Older Adult Traumatic Brain Injury:**

**Incidence And Epidemiology Beyond The ED.** C. K. Zogg<sup>1,2</sup>, R. Haring<sup>2</sup>, J. K. Canner<sup>3</sup>, A. H. Haider<sup>2</sup>, E. B. Schneider<sup>2</sup> <sup>3</sup>Johns Hopkins University School Of Medicine, Johns Hopkins Surgery Center For Outcomes Research, Department Of Surgery, Baltimore, MD, USA <sup>1</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>2</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA

**36.10. Admissions Over 48 hours at Rural Trauma Centers:**

**A Disproportionately Old Population?.** T. J. Buchanan<sup>2</sup>, P. Pacurari<sup>2</sup>, G. Hobbs<sup>1</sup>, A. Wilson<sup>1</sup>, J. Con<sup>1</sup> <sup>1</sup>West Virginia University, Department Of Surgery, Morgantown, WV, USA <sup>2</sup>West Virginia University, School Of Medicine, Morgantown, WV, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 37. EDUCATION: RESIDENT EDUCATION ORAL

SCHUBERT

#### MODERATORS: Roger H. Kim, MD & Douglas S. Smink, MD, MPH

**37.01. Is Surgical Subspecialization Affecting the Training of General Surgery Residents?** C. DuCoin<sup>1</sup>, A. Hahn<sup>1</sup>, D. Slakey<sup>1</sup>, J. Korndorffer<sup>1</sup> <sup>1</sup>Tulane University School Of Medicine, Department Of Surgery, New Orleans, LA, USA

**37.02. Relationships Between Burnout and Study Habits on General Surgery Resident Performance on the ABSITE.** M. R. Smeds<sup>1</sup>, C. R. Thrush<sup>1</sup>, F. McDaniel<sup>1</sup>, R. Gill<sup>1</sup>, M. K. Kimbrough<sup>1</sup>, B. D. Shames<sup>2</sup>, J. J. Sussman<sup>3</sup>, J. M. Galante<sup>4</sup>, C. M. Wittgen<sup>5</sup>, P. Ansari<sup>6</sup>, S. R. Allen<sup>7</sup>, M. S. Nussbaum<sup>8</sup>, D. Hess<sup>9</sup>, F. R. Bentley<sup>1</sup> <sup>1</sup>University Of Arkansas For Medical Sciences, Department Of Surgery, Little Rock, AR, USA <sup>2</sup>University Of Connecticut School Of Medicine, Department Of Surgery, Farmington, CT, USA <sup>3</sup>University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA <sup>4</sup>University Of California - Davis Medical Center, Department Of Surgery, Sacramento, CA, USA <sup>5</sup>Saint Louis University School Of Medicine, Department Of Surgery, St. Louis, MO, USA <sup>6</sup>Hofstra-Northwell Lenox Hill Hospital, Department Of Surgery, New York, NY, USA <sup>7</sup>Penn State Hershey Medical Center, Department Of Surgery, Hershey, PA, USA <sup>8</sup>University Of Florida College Of Medicine - Jacksonville, Department Of Surgery, Jacksonville, FL, USA <sup>9</sup>Boston University, Department Of Surgery, Boston, MA, USA

**37.03. Dedicated Research Time During Surgical Training Predicts Successful Future Research Funding.** J. P. Meizoso<sup>1,2</sup>, J. J. Ray<sup>1,2</sup>, C. A. Karcutskie<sup>1,2</sup>, D. B. Horkan<sup>1,2</sup>, N. Merchant<sup>1</sup>, D. Sleeman<sup>1</sup>, N. Namias<sup>1</sup>, O. C. Velazquez<sup>1</sup>, A. S. Livingstone<sup>1</sup>, C. I. Schulman<sup>1</sup> <sup>1</sup>University Of Miami, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA <sup>2</sup>Jackson Memorial Hospital, Miami, FL, USA

**37.04. Reliability and Validity of a Standardized Interviewing Instrument in Selecting Surgery Residents.** J. WEBER<sup>1</sup>, S. SHEBRIN<sup>1</sup>, A. WOODWYK<sup>1</sup>, G. MUNENE<sup>1</sup> <sup>1</sup>WESTERN MICHIGAN HOMER STRYKER SCHOOL OF MEDICINE, GENERAL SURGERY, KALAMAZOO, MICHIGAN, USA

**37.05. Does the ACGME Resident Case Log Really Reflect Resident Operative Experience?** J. A. Perone<sup>1</sup>, H. B. Mehta<sup>1</sup>, J. McClintic<sup>1</sup>, R. Norcini<sup>1</sup>, P. Rothenberg<sup>1</sup>, J. Rhodes<sup>1</sup>, D. S. Tyler<sup>1</sup>, K. M. Brown<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Galveston, TX, USA

**37.06. Clinically Competent, Fiscally At-Risk: Financial Outlook of the Surgical Resident.** A. P. Rogers<sup>1</sup>, S. E. Tevis<sup>1</sup>, E. F. Foley<sup>1</sup>, E. H. Carchman<sup>1</sup>, B. A. Harms<sup>1</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA

**37.07. Resident Post Graduate Year Doesn't Influence Rate of Complications Following Inguinal Herniorrhaphy.** O. Renteria<sup>1,2</sup>, A. A. Mokdad<sup>1</sup>, J. Imran<sup>1</sup>, S. Huerta<sup>1,2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA <sup>2</sup>VA North Texas Health Care System, General Surgery, Dallas, TX, USA

**37.09. Burnout is Associated with Emotional Intelligence in Surgical Residents.** K. D. Cofer<sup>2</sup>, A. Gullick<sup>4</sup>, R. Hollis<sup>3</sup>, M. Morris<sup>1,3,5</sup>, J. Porterfield<sup>1,3</sup>, D. Chu<sup>1,3</sup> <sup>1</sup>University Of Alabama At Birmingham, Gastrointestinal Surgery, Birmingham, AL, USA <sup>2</sup>University Of Alabama At Birmingham, School Of Medicine, Birmingham, AL, USA <sup>3</sup>University Of Alabama At Birmingham, General Surgery, Birmingham, AL, USA <sup>4</sup>University Of Alabama At Birmingham, General Surgery Research, Birmingham, AL, USA <sup>5</sup>Birmingham VA Medical Center, General Surgery, Birmingham, AL, USA

**37.10. Surgeon Educators and Variation in Teaching Assessments—Does Gender Bias Exist?** M. Barrett<sup>1</sup>, C. P. Magas<sup>1</sup>, N. Matusko<sup>1</sup>, R. M. Reddy<sup>1</sup>, G. Sandhu<sup>1</sup> <sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions I****38. EDUCATION 1 - SIMULATION ORAL**

STRAUSS

**MODERATORS: Paul D. DiMusto, MD & Roy Phitayakorn, MD****38.01. Graduating Surgical Residents Lack Competence in**

**Ultrasound .** R. D. Tripu<sup>1</sup>, M. H. Lauerman<sup>1,2</sup>, D. J. Haase<sup>1,2</sup>, S. Fatima<sup>2</sup>, T. M. Scalea<sup>1,2</sup>, S. B. Murthi<sup>1,2</sup> <sup>1</sup>University Of Maryland, School Of Medicine, Baltimore, MD, USA <sup>2</sup>R Adams Cowley Shock Trauma Center, Baltimore, MD, USA

**38.02. Holography over Powerpoint in medical lectures: time to**

**set a new gold standard? A RCT.** K. Sugand<sup>1</sup>, P. Campos<sup>1</sup>, D. Oliveira<sup>1</sup>, C. Gupte<sup>1</sup> <sup>1</sup>Imperial College London, MSk Lab, London, London, United Kingdom

**38.03. Virtual Reality Simulation for Endovascular Skills for**

**Trauma: Final Results of a Trainee Experience.** P. Wasicek<sup>2</sup>, W. Teeter<sup>3</sup>, M. Hoehn<sup>1</sup>, J. Pasley<sup>2</sup>, D. Stein<sup>2</sup>, T. Scalea<sup>2</sup>, M. Brenner<sup>1,2</sup> <sup>1</sup>University Of Maryland, Division Of Vascular Surgery, Baltimore, MD, USA <sup>2</sup>University Of Maryland, Division Of Trauma And Critical Care, Baltimore, MD, USA <sup>3</sup>University Of North Carolina At Chapel Hill, Department Of Emergency Medicine, Chapel Hill, NC, USA

**38.04. Pluralistic Ignorance And Risk Of Attrition Among**

**Residents..** R. Panni<sup>1</sup>, M. Laurel<sup>2</sup>, K. Nandagopal<sup>3</sup>, G. Cohen<sup>3</sup>, G. M. Walton<sup>3</sup>, A. Salles<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA <sup>2</sup>Washington University School Of Medicine, St. Louis, MO, USA <sup>3</sup>Stanford University, Palo Alto, CA, USA

**38.05. How Does Surgical Performance Change in the**

**Laboratory Years?** J. N. Nathwani<sup>1</sup>, K. E. Law<sup>2</sup>, B. J. Wise<sup>1</sup>, S. Lian<sup>1</sup>, M. E. Garren<sup>1</sup>, S. M. DiMarco<sup>1</sup>, C. M. Pugh<sup>1,2</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Industrial And Systems Engineering, Madison, WI, USA

**38.06. A Performance Comparison of an Inexpensive, Homemade Central Line Simulator to Commercial Models.**

R. F. Brown<sup>1</sup>, C. Tignanelli<sup>4</sup>, J. Grudziak<sup>1</sup>, S. Summerlin-Long<sup>1</sup>, J. Laux<sup>3</sup>, A. Kiser<sup>2</sup>, S. P. Montgomery<sup>1</sup> <sup>1</sup>University Of North Carolina, Department Of Surgery, Chapel Hill, NC, USA <sup>2</sup>Eastern Carolina University, Greenville, NC, USA <sup>3</sup>University of North Carolina, The North Carolina Translational And Clinical Sciences (NC TraCS) Institute, Chapel Hill, NC, USA <sup>4</sup>University Of Michigan, Ann Arbor, MI, USA

**38.07. Effects of a Novel Mental Skills Curriculum on Surgical Trainees' Attention.**

N. Mulji<sup>1</sup>, N. Anton<sup>1,3</sup>, L. Howley<sup>1</sup>, A. Yurco<sup>1</sup>, D. Tobben<sup>1</sup>, E. Bean<sup>2</sup>, D. Stefanidis<sup>1,3</sup> <sup>1</sup>Carolinas Medical Center, Carolinas Simulation Center, Charlotte, NC, USA <sup>2</sup>Get A Strong Mind, San Diego, CA, USA <sup>3</sup>Indiana University, Department Of Surgery, Indianapolis, IN, USA

**38.08. Taking the Initiative: Risk Reduction Strategies Decrease**

**Malpractice Costs.** S. E. Raper<sup>1</sup>, M. Nepps<sup>2</sup>, D. Rose<sup>3</sup>, J. A. Drebin<sup>3</sup> <sup>1</sup>University Of Pennsylvania, Quality And Risk Management/Surgery/Medicine, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Office Of The General Counsel, Philadelphia, PA, USA <sup>3</sup>University Of Pennsylvania, Administration/Surgery/Medicine, Philadelphia, PA, USA

**38.09. Learning Curve Model Selection of FLS Transfer Task**

**Using The Akaike Information Criterion.** A. Toloff<sup>1</sup>, S. Bradley<sup>1</sup>, D. Bouwman<sup>1</sup>, D. A. Edelman<sup>1</sup> <sup>1</sup>Wayne State University, Department Of Surgery, Detroit, MI, USA

**38.10. Clinical Psychomotor Skills among Left and Right Handed**

**Medical Students..** S. A. Alnassar<sup>1</sup>, S. A. Alnassar<sup>1</sup> <sup>1</sup>University Of British Columbia, Vancouver, British Columbia, Canada

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions I

#### 39. CLINICAL/OUTCOMES: VASCULAR/GENERAL SURGERY ORAL

VIVALDI

#### MODERATORS: Shipra Arya, MD, SM & Tze-Woei Tan, MBBS

TUESDAY

WEDNESDAY

THURSDAY

**39.01. Uncontrolled Diabetes Increases Morbidity and Mortality after Carotid Endarterectomy.** M. S. Parr<sup>1</sup>, V. Y. Dombrovskiy<sup>1</sup>, K. H. Nagarsheth<sup>1</sup>, R. Shafritz<sup>1</sup>, S. A. Rahimi<sup>1</sup> <sup>1</sup>Rutgers-Robert Wood Johnson Medical School, Division Of Vascular Surgery, New Brunswick, NJ, USA

**39.03. Risk Factors Associated With Peri-Operative Myocardial Infarction after Major Open Vascular Surgery.** D. C. Sutzko<sup>1</sup>, A. T. Obi<sup>1</sup>, P. K. Henke<sup>1</sup>, N. H. Osborne<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**39.04. Examining variation in Medicare payments for carotid endarterectomy.** D. C. Sutzko<sup>1</sup>, A. Gonzalez<sup>2</sup>, A. Chakrabarti<sup>3</sup>, N. Osborne<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Illinois, Chicago, Surgery, Chicago, IL, USA <sup>3</sup>University Of Michigan, Medicine, Ann Arbor, MI, USA

**39.05. AAA Size is Associated with Long-term Survival After EVAR.** S. Tsai<sup>1,2</sup>, H. Jeon-Slaughter<sup>3</sup>, H. Krishnamoorthi<sup>1</sup>, D. Timaran<sup>1,2</sup>, A. Wall<sup>2</sup>, S. Banerjee<sup>3,4</sup>, C. H. Timaran<sup>1,2</sup>, J. G. Modrall<sup>1,2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Vascular Surgery, Dallas, TX, USA <sup>2</sup>Dallas Veterans Affairs Medical Center, Vascular Surgery, Dallas, TX, USA <sup>3</sup>Dallas Veterans Affairs Medical Center, Cardiology, Dallas, TX, USA <sup>4</sup>University Of Texas Southwestern Medical Center, Cardiology, Dallas, TX, USA

**39.06. Emergency Leg Bypass is Associated With Worse Outcomes When Performed on Weekends.** E. Abotsi<sup>1</sup>, G. Gilot<sup>1</sup>, G. Ortega<sup>1</sup>, C. K. Zogg<sup>2</sup>, D. J. Taghipour<sup>1</sup>, D. D. Tran<sup>1</sup>, E. E. Cornwell<sup>1</sup>, K. Hughes<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA <sup>2</sup>Yale University School Of Medicine, Washington, DC, USA

**39.07. Evaluation Of Parathyroid Glands With Indocyanine Green Fluorescence Angiography After Thyroidectomy.** A. Rudin<sup>1</sup>, T. McKenzie<sup>1</sup>, G. B. Thompson<sup>1</sup>, D. Farley<sup>1</sup>, M. Richards<sup>1</sup> <sup>1</sup>Mayo Clinic, Division Of General Surgery, Rochester, MN, USA

**39.08. Risk Factors and Prediction Model for Surgical Site Infection After Major Abdominal Surgery.** A. Ejaz<sup>1</sup>, F. Gani<sup>1</sup>, S. M. Frank<sup>1</sup>, C. L. Wolfgang<sup>1</sup>, M. J. Weiss<sup>1</sup>, F. M. Johnston<sup>1</sup>, J. He<sup>1</sup>, T. M. Pawlik<sup>2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA <sup>2</sup>Ohio State University, Columbus, OH, USA

**39.09. Surgical Outcome Disparities in Complicated Peptic Ulcer Disease: Setting, Patient, or Procedure?** D. J. Taghipour<sup>1,3</sup>, G. Ortega<sup>1,3</sup>, C. K. Zogg<sup>2</sup>, M. S. Pichardo<sup>5</sup>, N. R. Changoor<sup>1,3</sup>, A. Kolluri<sup>4</sup>, S. M. Siram<sup>1</sup>, M. Williams<sup>1,3</sup>, E. E. Cornwell<sup>1,3</sup> <sup>1</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA <sup>2</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>3</sup>Howard University College Of Medicine, Howard-Harvard Multidisciplinary Outcomes Research Center, Department Of Surgery, Washington, DC, USA <sup>4</sup>Howard University College Of Denistry, Washington, DC, USA <sup>5</sup>Howard University College Of Medicine, Washington, DC, USA

**39.10. Is There an Increased Incidence of Retroperitoneal Malignancies Due to Fracking?** A. Zhong<sup>2</sup>, Y. Zhang<sup>2</sup>, J. Price<sup>1</sup>, E. Villegas<sup>1</sup>, D. Vyas<sup>1</sup>, S. Joseph<sup>1</sup> <sup>1</sup>Texas Tech University Health Sciences Center, Department Of Surgery, Odessa, TX, USA <sup>2</sup>Texas Tech University Health Sciences Center, School Of Medicine, Lubbock, TX, USA

9:30 AM - 10:00 AM **Morning Break in Exhibit Area** ENCORE BALLROOM 2

9:45 AM - 11:00 AM **AAS Founders Panel** ENCORE BALLROOM 4-8

***"50th Anniversary - Past-Presidents' Reflections on the First 5 Decades of the Association for Academic Surgery"***

**INTRODUCTION BY: Caprice C. Greenberg, MD, MPH, AAS President**

**MODERATOR: F. C. Brunicardi, MD**

**Speakers include: Past Presidents Hiram C. Polk, MD, Michael J. Zinner, MD, David I. Soybel, MD, Herbert Chen, MD, and Lillian S. Kao, MD, MS.**

In honor of the 50th meeting of the AAS, our historian, who is himself a past-president, will lead an interactive panel where 5 past-presidents provide an overview of the priorities of the society and advances of surgery as a discipline during the decade they served as president.

**LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Understand the significant advances that have made in surgical care over the last 50 years.
- Appreciate the contributions that the AAS has made to support the development of academics in surgery over the last 50 years.

11:00 AM - 11:45 PM **AAS Presidential Address** ENCORE BALLROOM 4-8

***"Sticky Floors and Glass Ceilings"***



**Caprice C. Greenberg, MD, MPH,**

AAS President

Professor, Morgridge Distinguished Chair in Health Services Research, Vice Chair of Research, Department of Surgery, Director, Wisconsin Surgical Outcomes Research Program, Section of Breast Surgery, Division of General Surgery, University of Wisconsin Department of Surgery and School of Medicine and Public Health

**INTRODUCTION BY: Rebecca S. Sippel, MD, AAS President-Elect**

With the increased diversity of our surgical workforce, we must examine our current practices and ensure that we are allowing for unbiased equality in career advancement. Empirical data identifying the underlying forces driving inequities will be examined, as will successful practices that have mitigated these issues in other disciplines. An important opportunity exists in the increasing diversification of the surgical career path, which requires a personalization of surgical careers that has not been traditionally afforded. The central role of culture will be explored and concrete recommendations to advance these agendas over the next 10 years will be considered.

**LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Describe the recent changes in the demographics of the surgical workforce.
- Provide examples that other disciplines have adopted to alleviate racial and gender bias in career advancement.

TUESDAY

WEDNESDAY

THURSDAY



11:45 PM - 1:15 PM

## Conference Luncheon

CHOPIN PATIO

OR

11:45 PM - 1:15 PM

## Hot Topic Session 2

### *"Industry-Academic Innovation Partnerships: Where is the Pendulum?"*

BEETHOVEN 1-2

#### **\*\*Non-CME Session**

#### **SESSION CHAIR & MODERATOR: Mark S. Cohen MD**

#### **Introduction to Session – Mark S. Cohen, MD**

- Developing the First Surgery Department Certified Research Organization for Improved Industry Engagement – Michael W. Mulholland, MD, PhD
- The University-Industry Demonstration Partnership (UIDP) and Its Role in Educating Physicians Who Want to Engage with Industry – Anthony Boccanfuso, PhD, Executive Director, UIDP
- How Industry is Engaging in Improved Academic-Industry Partnerships – Bruce Gingles, Vice President, Global Technology Assessment & Health Policy, Cook Medical & Christine Mauro, MD, MMSc, Director of Medical Affairs, Medtronic
- Institutional Approaches to Industry Engagement (East to West) – Ronald Tompkins, MD, ScD & Hamin Lee, MD, PhD

#### **Panel with 6 Case Discussions**

1. Researcher Seeking Additional Funding
2. Resident Inventor
3. Program Director Educator Seeks Resources
4. Medical Student Innovator
5. Developing CME Program
6. Industry Reaching Out to Academia

This session is for all surgery faculty, residents, and medical students who want to develop a better understanding of how to engage their innovative ideas with industry partners and how academic-industry relationships can be fostered in today's surgical culture.

#### **LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Articulate the Sunshine Laws and how they came into being as well as current interaction policies
- Evaluate methods academic surgeons and trainees can approach industry for new surgical innovations including contracts, partnerships, grants, and collaborations for trials
- Evaluate how to advance Industry-Academic partnerships through education and the University-Industry Demonstration Partnership (UIDP) and how the pendulum is moving back toward collaboration.

OR

11:45 PM - 1:15 PM

### **SBAS/AWS LUNCHEON:**

***"The Art of War – How to Succeed in Academic Surgery"***

ENCORE BALLROOM 4-8

**SESSION CHAIRS: Fabian Johnston, MD, MHS and Heena P. Santry, MD, MS**

**MODERATOR: Fabian Johnston, MD, MHS**

- Introduction of Speakers – Fabian Johnston, MD, MHS
- Clinical Excellence – Edward E. Cornwell III, MD
- Program Building – Robert S.D. Higgins, MD, MSHA
- Education – Mary E. Klingensmith, MD
- Basic and Translational Research – Sean E. Mclean, MD
- Panel Discussion – All Faculty
- Audience Question & Answer

This luncheon provides an in depth look at how to succeed in academic surgery including the pitfalls and roadblocks that may occur on the journey. We will cover concepts that affect the continuum from residents to mid-level attendings.

### **LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Identify key approaches that will assist in academic advancement.
- Recognize personal and institutional roadblocks to success.
- Recognize the benefit of sponsorship and how to create this relationship.

1:15 PM - 2:30 PM

### **AAS PRESIDENTIAL SESSION:**

***"I'm With Her – Mobilizing the Surgical Community to Alleviate Gender Disparities in Surgery"***

ENCORE BALLROOM 4-8

**MODERATOR: Caprice C. Greenberg, MD, MPH, AAS President**

- Introduction – Caprice C. Greenberg MD, MPH
- Women in Surgery: the Female Perspective – Cristina Ferrone, MD
- Women in Surgery: The Husband Perspective – Jacob Greenberg, MD, MEd
- Implicit Bias: We All Have It....But What Can We Do About It? – Brian Gittens, EdD
- Negotiations: Ensuring We Have What We Need to Succeed – Nicholas Pearce, PhD
- Discussion – All Faculty

Alleviating the gender gap in surgery will require a unified, intentional effort by the entire surgical community. To date, discussions of gender issues in surgery have been equated with work life balance and childrearing. This session will explore more fundamental issues that contribute to the gender gap, particularly implicit bias and challenges related to negotiation. Speakers will illustrate the issues related to each topic and offer strategies that are immediately actionable to counteract these forces.

### **LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Define implicit bias and the mechanism by which it can lead to gender gaps in compensation and promotion.
- List 2 barriers that women face when entering a negotiation for a new job or promotion.
- Name one strategy that can be used today to narrow the gender gap for women in surgery

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 40. BASIC SCIENCE: ONCOLOGY 1 QUICKSHOT

BEETHOVEN 1

**MODERATORS: Anthony W. Kim, MD & Jason K. Sicklick, MD**

**40.01. The Use of Fluorescent-labeled Cetuximab for Image-guided Soft Tissue Sarcoma Surgery.** N. K. Behnke<sup>1</sup>, A. C. Prince<sup>2</sup>, J. M. Warram<sup>1</sup> <sup>1</sup>The University Of Alabama At Birmingham, Department Of Surgery, Birmingham, AL, USA <sup>2</sup>University Of Alabama, School Of Medicine, Birmingham, Alabama, USA

**40.02. Immune-modulator FTY720 potentiate Doxorubicin in obesity-related breast cancer.** K. Takabe<sup>1</sup>, E. Katsuta<sup>1</sup>, M. Nagahashi<sup>2</sup> <sup>1</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, Japan

**40.03. MYCN Amplification Negatively Regulates MYCC and the long non-coding RNA SPRY4-IT1 in Neuroblastoma.** J. Mazar<sup>1</sup>, A. Rosado<sup>1</sup>, J. Shelley<sup>2</sup>, J. Marchica<sup>2</sup>, T. Westmoreland<sup>1</sup> <sup>1</sup>Nemours Children Hospital, Surgery, Orlando, FL, USA <sup>2</sup>Sanford Burnham Prebys Medical Discovery Institute, Orlando, FL, USA

**40.04. Detection of Tumor-Specific Mutations in Plasma DNA: A Potential Esophageal Adenocarcinoma Biomarker.** M. Egyud<sup>1</sup>, J. Jackson<sup>1</sup>, E. Yamada<sup>1</sup>, A. Stahlberg<sup>1,2</sup>, P. Krzyzanowski<sup>3</sup>, V. Little<sup>1</sup>, L. Stein<sup>3</sup>, T. Godfrey<sup>1</sup> <sup>1</sup>Boston University School Of Medicine, Department Of Surgery, Boston, MA, USA <sup>2</sup>University of Gothenburg - Sahlgrenska Cancer Center, Department of Pathology, Gothenburg, Sweden <sup>3</sup>Ontario Institute For Cancer Research, Toronto, ON, Canada

**40.06. Lung-Selective Drug Delivery as a Novel Treatment Strategy for Colorectal Cancer Lung Metastasis.** P. Rychahou<sup>1,2</sup>, Y. Bae<sup>4</sup>, Y. Zaytseva<sup>1</sup>, E. Y. Lee<sup>1,3</sup>, H. L. Weiss<sup>1</sup>, B. Evers<sup>1,2</sup> <sup>1</sup>University of Kentucky, Markley Cancer Center, Lexington, KY, USA <sup>2</sup>University of Kentucky, Department Of Surgery, Lexington, KY, USA <sup>3</sup>University Of Kentucky, Pathology And Laboratory Medicine, Lexington, KY, USA <sup>4</sup>University Of Kentucky, Department Of Pharmaceutical Sciences, Lexington, KY, USA

**40.07. Development of a Novel Murine Model for Intrahepatic Cholangiocarcinoma.** R. K. Marcus<sup>1,2,4</sup>, W. Foo<sup>3</sup>, A. Maitra<sup>1</sup>, S. Gupta<sup>1</sup> <sup>1</sup>University Of Texas MD Anderson Cancer Center, Sheikh Ahmed Bin Zayed Al Nahyan Center For Pancreatic Cancer Research, Houston, TX, USA <sup>2</sup>University Of Texas MD Anderson Cancer Center, Department Of Surgical Oncology, Houston, TX, USA <sup>3</sup>University Of Texas MD Anderson Cancer Center, Department Of Pathology & Laboratory Medicine, Houston, TX, USA <sup>4</sup>Medical College Of Wisconsin, Department Of Surgery, Milwaukee, WI, USA

**40.08. Rhodiola Crenulata Plant Extracts Alter Pyruvate Metabolism in NB-1691 Neuroblastoma Cells.** K. E. Wong<sup>1</sup>, M. C. Mora<sup>1</sup>, N. Sultana<sup>2</sup>, K. Moriarty<sup>3</sup>, R. Arenas<sup>1</sup>, N. Yadava<sup>2</sup>, S. Schneider<sup>2</sup>, M. Tirabassi<sup>3</sup> <sup>1</sup>Baystate Medical Center, Department of Surgery, Springfield, MA, USA <sup>2</sup>Pioneer Valley Life Sciences Institute, Springfield, MA, USA <sup>3</sup>Baystate Childrens Hospital, Springfield, MA, USA

**40.09. A Novel Strategy to Sensitize Neuroblastoma to Anti-Cancer Agents by Inhibiting DNA Ligase III.** S. Chukkapalli<sup>1</sup>, N. Neamati<sup>2</sup>, T. Thomas<sup>1</sup>, V. Castle<sup>1</sup>, E. Newman<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Medicinal Chemistry, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, Pediatrics, Ann Arbor, MI, USA

**40.10. What Formalin-fixed Paraffin-embedded Samples Are Adequate For Deep Next Generation Sequencing.** M. Ikarashi<sup>1</sup>, M. Endo<sup>1</sup>, J. Tsuchida<sup>1</sup>, K. Tatsuda<sup>1</sup>, C. Toshioka<sup>1</sup>, M. Hasegawa<sup>1</sup>, M. Nakajima<sup>1</sup>, H. Ichikawa<sup>1</sup>, Y. Shimada<sup>1</sup>, C. Kanbayashi<sup>2</sup>, K. Kaneko<sup>2</sup>, N. Sato<sup>2</sup>, H. Izutsu<sup>3</sup>, K. Kodama<sup>3</sup>, K. Takabe<sup>4</sup>, T. Wakai<sup>1</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata City, Niigata, Japan <sup>2</sup>Niigata Cancer Center Hospital, Department of Breast Oncology, Niigata City, Niigata, Japan <sup>3</sup>Denka Co., Ltd., Diagnostics Research Department, Life Innovation Research Institute, Denka Innovation Center, Machida City, Tokyo, Japan <sup>4</sup>Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

**40.11. Activin Type 2 Receptor as an Affordable Surrogate to Identify Microsatellite Instability.** K. Yuza<sup>1</sup>, H. Ichikawa<sup>1</sup>, T. Hanyu<sup>1</sup>, T. Ishikawa<sup>1</sup>, Y. Shimada<sup>1</sup>, J. Sakata<sup>1</sup>, H. Kameyama<sup>1</sup>, T. Kobayashi<sup>1</sup>, H. Izutsu<sup>2</sup>, K. Kodama<sup>2</sup>, K. Takabe<sup>3</sup>, T. Wakai<sup>1</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata City, NIIGATA, Japan <sup>2</sup>Life Innovation Research Institute, Denka Innovation Center, Denka Co., Ltd., Diagnostics Research Department, Machida City, TOKYO, Japan <sup>3</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NEWYORK, USA

**40.12. A Mechanistic Case for Paclitaxel-Eluting Polymer Films in the Treatment of Sarcoma.** C. S. Digesu<sup>1</sup>, K. J. Hachey<sup>1</sup>, R. Liu<sup>1</sup>, C. P. Raut<sup>1</sup>, M. W. Grinstaff<sup>2</sup>, Y. L. Colson<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Boston University, Department Of Biomedical Engineering, Boston, MA, USA

**40.13. Novel Chimeric Parapoxvirus HOV-189 as an Oncolytic Immunotherapy in Triple-Negative Breast Cancer.** A. H. Choi<sup>1</sup>, M. P. O'Leary<sup>1</sup>, J. Lu<sup>1</sup>, S. Kim<sup>1</sup>, N. G. Chen<sup>1,2</sup>, Y. Fong<sup>1,2</sup> <sup>1</sup>City of Hope National Medical Center, Department of Surgery, Duarte, CA, USA <sup>2</sup>Beckman Research Institute, Center For Gene Therapy, Department of Hematology And Hematopoietic Cell Transplantation, Duarte, CA, USA

**40.14. FAK Inhibition Decreases Cell Survival and Proliferation in PDX Models of Metastatic Wilms Tumor.** J. M. Aye<sup>1</sup>, S. Mruthyunjaya<sup>2</sup>, L. S. Stafman<sup>2</sup>, E. F. Garner<sup>2</sup>, J. E. Stewart<sup>2</sup>, E. Mroczek-Musulman<sup>3</sup>, K. J. Yoon<sup>4</sup>, S. L. Cramer<sup>1</sup>, E. A. Beierle<sup>2</sup> <sup>1</sup>University of Alabama at Birmingham, Department Of Pediatrics, Division of Hematology Oncology, Birmingham, Alabama, USA <sup>2</sup>University of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama at Birmingham, Department Of Pathology, Birmingham, Alabama, USA <sup>4</sup>University Of Alabama at Birmingham, Department Of Pharmacology And Toxicology, Birmingham, Alabama, USA

**40.15. Effects of Intralipid on Serum Partitioning of Cancer-targeting Alkylphosphocholine Analogs.** J. A. Lubin<sup>1</sup>, R. R. Zhang<sup>1,2,3</sup>, J. P. Weichert<sup>2,4</sup>, J. S. Kuo<sup>1,3,4,5</sup> <sup>1</sup>University Of Wisconsin, Department Of Neurological Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Department Of Radiology, Madison, WI, USA <sup>3</sup>University Of Wisconsin, Department Of Cellular And Molecular Biology, Madison, WI, USA <sup>4</sup>University Of Wisconsin, Carbone Cancer Center, Madison, WI, USA <sup>5</sup>University Of Wisconsin, Department Of Human Oncology, Madison, WI, USA

**40.16. Expression of Phosphorylated Sphingosine Kinase 1 Is Associated with Invasiveness of Gastric Cancer.** T. Hanyu<sup>1</sup>, H. Ichikawa<sup>1</sup>, T. Ishikawa<sup>1</sup>, S. Kosugi<sup>2</sup>, M. Nakajima<sup>1</sup>, J. Sakata<sup>1</sup>, T. Kobayashi<sup>1</sup>, H. Kameyama<sup>1</sup>, T. Wakai<sup>1</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan <sup>2</sup>Unonuma Institute Of Community Medicine Niigata University Medical And Dental Hospital, Department Of Digestive And General Surgery, Minami-Unonuma, NIIGATA, Japan

**40.17. CD73 expression is associated with cancer stem cell genes and poor prognosis of pancreatic carcinoma.** E. Katsuta<sup>1</sup>, S. N. Hochwald<sup>2</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Roswell Park Cancer Institute, Gastrointestinal Surgery, Department Of Surgical Oncology, Buffalo, NY, USA

**40.18. Organotypic Tumor Tissue Slice Cultures: Ex-Vivo Methods for Individualized Cancer Treatment Screening.** T. Ivanics<sup>1</sup>, J. R. Bergquist<sup>1</sup>, R. P. Graham<sup>2</sup>, G. Liu<sup>1</sup>, M. C. Hernandez<sup>1</sup>, L. Yang<sup>1</sup>, M. J. Truty<sup>1</sup> <sup>1</sup>Mayo Clinic, Department Of Surgery, Rochester, MN, USA <sup>2</sup>Mayo Clinic, Department Of Laboratory Medicine And Pathology, Rochester, MN, USA

**40.19. Baicalin and Metformin Synergistically Inhibit Breast Cancer Cell Proliferation.** Z. Bostanci<sup>2</sup>, E. S. Han<sup>1</sup>, J. Yan<sup>2</sup>, Q. Xing<sup>2</sup>, W. Wen<sup>2</sup>, J. H. Yim<sup>2</sup> <sup>1</sup>City Of Hope National Medical Center, Department Of Surgery, Division Of Gynecologic Oncology, Duarte, CA, USA <sup>2</sup>City Of Hope National Medical Center, Department Of Surgery, Division Of Surgical Oncology, Duarte, CA, USA

**40.20. Murine radical mastectomy model for adjuvant chemotherapeutic drug development.** E. Katsuta<sup>1</sup>, E. J. Peterson<sup>2</sup>, S. J. Katner<sup>2</sup>, N. P. Farrell<sup>2</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Virginia Commonwealth University, Department Of Chemistry, Richmond, VA, USA

2:30 PM - 4:30 PM

**Integrated Quick Shot Presentation Sessions II****41. BASIC SCIENCE: PLASTICS QUICKSHOT**

BEETHOVEN 2

**MODERATORS: Timothy W. King, MD, PhD & Wesley P. Thayer, MD, PhD**

**41.02. Analyzing the Effects of Desferal Treatment on Irradiated Tissue and Fat Graft Retention.** D. M. Irizarry<sup>1</sup>, J. Flacco<sup>1</sup>, C. P. Blackshear<sup>1</sup>, G. C. Gurtner<sup>1</sup>, M. T. Longaker<sup>1,2</sup>, D. C. Wan<sup>1</sup> <sup>1</sup>Stanford University Medical Center, Hagey Laboratory For Pediatric Regenerative Medicine, Palo Alto, CA, USA <sup>2</sup>Stanford University Medical Center, Institute For Stem Cell Research And Regenerative Medicine, Palo Alto, CA, USA

**41.03. Characterization of Transcriptional Alterations within Adipose-Derived Stromal Cells in Culture.** P. A. Mittermiller<sup>1</sup>, M. Rodrigues<sup>1</sup>, R. E. Shor<sup>1</sup>, A. Y. Li<sup>1</sup>, B. A. Kuehlmann<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Plastic And Reconstructive Surgery, Palo Alto, CA, USA

**41.04. A mouse model of mandibular distraction osteogenesis.** R. C. Ransom<sup>1,2</sup>, T. Leavitt<sup>1</sup>, C. D. Marshall<sup>1</sup>, L. Barnes<sup>1</sup>, D. C. Wan<sup>1</sup>, M. T. Longaker<sup>1,2</sup> <sup>1</sup>Hagey Laboratory For Pediatric Regenerative Medicine, Department Of Surgery, Division Of Plastic Surgery, Stanford University School Of Medicine, Palo Alto, CA, USA <sup>2</sup>Institute For Stem Cell Biology And Regenerative Medicine, Stanford University, Stanford, CA, USA

**41.05. Transplantation of IL-10 Polarized M2 Macrophages Improves Wound Repair and Skin Regeneration In Vivo.** L. Barnes<sup>1,2</sup>, M. S. Hu<sup>1</sup>, A. T. Cheung<sup>1</sup>, A. L. Moore<sup>1,3</sup>, C. D. Marshall<sup>1</sup>, T. Leavitt<sup>1</sup>, A. Dubnika<sup>1</sup>, M. Ahmed<sup>1</sup>, G. C. Gurtner<sup>1</sup>, H. Lorenz<sup>1</sup>, J. Rajadas<sup>1</sup>, M. T. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA <sup>2</sup>Howard Hughes Medical Institute, Chevy Chase, MD, USA <sup>3</sup>Brigham And Women's Hospital, Boston, MA, USA

**41.06. Topical Application of Sphingosine-1-Phosphate Promotes Deep Dermal Burn Healing.** T. Tsuge<sup>1</sup>, M. Aoki<sup>1</sup>, K. Kubomura<sup>1</sup>, S. Akaishi<sup>1</sup>, K. Takabe<sup>2</sup>, R. Ogawa<sup>1</sup> <sup>2</sup>Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA <sup>1</sup>Nippon Medical School, Plastic, Reconstructive And Aesthetic Surgery, Tokyo, Japan

**41.07. Peptide Amphiphile Nanofibers Amplify Effects of BMP-2 on Craniofacial Bone Regeneration.** R. Bakshi<sup>1</sup>, A. Hokugo<sup>1</sup>, S. Zhou<sup>1</sup>, K. Rezzadeh<sup>1</sup>, L. A. Segovia<sup>1</sup>, S. Stupp<sup>2</sup>, R. Jarrahy<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Regenerative Bioengineering And Repair (REBAR) Laboratory, Division Of Plastic And Reconstructive Surgery, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>Northwestern University, Simpson Querrey Institute For BioNanotechnology, Chicago, IL, USA

**41.09. Tracking CD Marker Drift of Fresh Adipose Derived Stem Cells Induced by 2-Dimensional Cell Culture.** E. Brett<sup>1</sup>, D. Wan<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA

**41.10. Cellular Evidence of Polyethylene Glycol Fusion in Cultured Neuroblastoma Cells.** A. N. Hoffman<sup>2</sup>, R. Bamba<sup>1</sup>, M. Stephanides<sup>1</sup>, A. C. Pollins<sup>1</sup>, W. P. Thayer<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Plastic Surgery, Nashville, TN, USA <sup>2</sup>Vanderbilt University School Of Medicine, Nashville, TN, USA

**41.11. The Effects of Subpopulations of Fibroblasts on Breast Capsular Contracture.** D. M. Irizarry<sup>1</sup>, C. D. Marshall<sup>1</sup>, D. Nguyen<sup>1</sup>, M. T. Longaker<sup>1,2</sup>, D. C. Wan<sup>1</sup> <sup>1</sup>Stanford University Medical Center, Hagey Laboratory For Pediatric Regenerative Medicine, Palo Alto, CA, USA <sup>2</sup>Stanford University Medical Center, Institute For Stem Cell Research And Regenerative Medicine, Palo Alto, CA, USA

**41.12. Identification and Characterization of a Long Noncoding RNA Involved in Osteogenic Differentiation.** C. P. Blackshear<sup>1</sup>, A. Luan<sup>1</sup>, E. A. Brett<sup>1</sup>, J. S. Flacco<sup>1</sup>, D. Nguyen<sup>1</sup>, M. T. Longaker<sup>1,2</sup>, D. C. Wan<sup>1</sup> <sup>1</sup>Stanford University School Of Medicine, Hagey Laboratory For Pediatric Regenerative Medicine, Department Of Surgery, Plastic And Reconstructive Surgery Division, Stanford, CA, USA <sup>2</sup>Stanford University School Of Medicine, Institute For Stem Cell Biology And Regenerative Medicine, Stanford, CA, USA

**41.13. Smartphone Camera Viability For Skin Tone Measurement.** J. Butts<sup>1</sup>, R. Seelaus<sup>1</sup>, D. Morris<sup>1</sup> <sup>1</sup>University Of Illinois At Chicago, Plastic Surgery, Chicago, IL, USA

**41.15. AMD3100: Single-Dose Stem Cell Mobilizing Agent In Vascularized Composite Tissue Allografts In Canine.** B. J. Swearingen<sup>1,2</sup>, S. S. Graves<sup>2,3</sup>, R. F. Storb<sup>2,3</sup>, D. W. Mathes<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Plastic And Reconstructive Surgery, Aurora, CO, USA <sup>2</sup>Fred Hutchinson Cancer Research Center, Clinical Research Division, Seattle, WA, USA <sup>3</sup>University Of Washington, School Of Medicine, Seattle, WA, USA

**41.16. Three Dimensional Confocal Imaging Analysis of Adipose Tissue.** N. N. Chung<sup>1</sup>, C. P. Blackshear<sup>1</sup>, C. Ransom<sup>1</sup>, D. Irizarry<sup>1</sup>, D. Nguyen<sup>1</sup>, M. Longaker<sup>1,2</sup>, D. C. Wan<sup>1</sup> <sup>1</sup>Hagey Laboratory For Pediatric Regenerative Medicine, Stanford University Medical Center, Stanford, CA, USA <sup>2</sup>Institute For Stem Cell Research And Regenerative Medicine, Stanford University Medical Center, Stanford, CA, USA

**41.17. Subcutaneous Cefazolin to Reduce Surgical Site Infection in a Porcine Model.** G. Dubrovsky<sup>1</sup>, N. Huynh<sup>1</sup>, J. Rouch<sup>1</sup>, J. P. Koulakis<sup>2</sup>, D. P. Nicolau<sup>3</sup>, C. A. Sutherland<sup>3</sup>, S. Putterman<sup>2</sup>, J. Dunn<sup>1</sup> <sup>2</sup>University Of California - Los Angeles, Department Of Physics And Astronomy, Los Angeles, CA, USA <sup>3</sup>Hartford Hospital, Center For Anti-Infective Research & Development, Hartford, CT, USA <sup>1</sup>University Of California - Los Angeles, Division Of Pediatric Surgery, Department Of Surgery, David Geffen School Of Medicine, Los Angeles, CA, USA

**41.18. Comparison of a Modern Cohort to Lund & Browder suggests that Burn Estimate Errors are Operator Error.** W. C. Ray<sup>1</sup>, R. W. Rumpf<sup>1</sup>, A. Rajab<sup>1</sup>, S. K. Martinez<sup>2</sup>, C. G. Gerrard<sup>2</sup>, N. L. Adolphi<sup>2</sup>, R. Fabia<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Columbus, OH, USA <sup>2</sup>University Of New Mexico HSC, Radiology-Pathology Center For Forensic Imaging, Albuquerque, NM, USA

**41.19. Endogenously Expressed IL-10 Contributes to Wound Healing and Regulates Tissue Repair Response.** M. M. Rae<sup>1</sup>, T. Lu<sup>1</sup>, C. M. Moles<sup>1</sup>, X. Wang<sup>1</sup>, M. Fahrenholtz<sup>1</sup>, H. Li<sup>1</sup>, P. Duann<sup>1</sup>, P. Bollyky<sup>2</sup>, S. Balaji<sup>1</sup>, S. G. Keswani<sup>1</sup> <sup>1</sup>Texas Children's Hospital And Baylor College Of Medicine, Division Of Pediatric Surgery, Houston, TX, USA <sup>2</sup>Stanford University School Of Medicine, Infectious Diseases And Microbiology And Immunology, Stanford, CA, USA

**41.20. Smooth Muscle Cell LRP1 Deficiency Affects Genes Regulating Extracellular Matrix Composition.** S. Tsai<sup>1,2</sup>, D. Ramnarain<sup>1</sup>, M. Kanchwala<sup>4</sup>, C. Xing<sup>4</sup>, J. Herz<sup>3</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Vascular Surgery, Dallas, TX, USA <sup>2</sup>Dallas Veterans Affairs Medical Center, Vascular Surgery, Dallas, TX, USA <sup>3</sup>University Of Texas Southwestern Medical Center, Molecular Genetics, Dallas, TX, USA <sup>4</sup>University Of Texas Southwestern Medical Center, Clinical Sciences, Dallas, TX, USA

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### Integrated Quick Shot Presentation Sessions II

#### 42. BASIC SCIENCE: DEVELOPMENTAL BIOLOGY/TISSUE ENGINEERING, EXPERIMENTAL THERAPEUTICS QUICKSHOT BRAHMS 1

#### MODERATORS: Sarah Blair, MD & Ankush Gosain, MD

**42.01. Neutrophil and Platelet-Lymphocyte Ratios Predict Improved Response in Resectable Pancreatic Cancer.** W. R. Doerfler<sup>1</sup>, J. Miller-Ocuin<sup>1</sup>, M. Zenati<sup>1</sup>, H. Zeh<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA

**42.02. Enriched Probiotic Biofilms: Preservation of Gut Barrier Function in Necrotizing Enterocolitis.** J. K. Olson<sup>1</sup>, C. J. McCulloh<sup>1</sup>, J. B. Navarro<sup>1</sup>, L. Mashburn-Warren<sup>1</sup>, S. M. Gartner<sup>1</sup>, S. D. Goodman<sup>1</sup>, G. E. Besner<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Columbus, OH, USA

**42.03. Wireless electrical power delivery for artificial human organs.** P. Bonde<sup>1,2</sup>, J. Smith<sup>1</sup> <sup>1</sup>University Of Washington, Department Of Electrical Engineering, Washington, WA, USA <sup>2</sup>Yale University, Cardiac Surgery, New Haven, CT, USA

**42.04. Characteristics Affecting Virtual Reality Distraction for Pain.** J. Harder<sup>1</sup>, M. De Vries<sup>1</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>RadboudUMC, Nijmegen, GELDERLAND, Netherlands

**42.05. Histologic Changes Following Fish Oil Pretreatment and Hepatic Ischemia Reperfusion Injury.** M. A. Baker<sup>1</sup>, P. Nandivada<sup>1</sup>, A. Pan<sup>1</sup>, G. L. Fell<sup>1</sup>, L. Anez-Bustillos<sup>1</sup>, D. T. Dao<sup>1</sup>, K. M. Gura<sup>2</sup>, V. Nosé<sup>3</sup>, M. Puder<sup>1</sup> <sup>1</sup>Boston Children's Hospital, Vascular Biology Program And Department Of Surgery, Boston, MA, USA <sup>2</sup>Boston Children's Hospital, Department Of Pharmacy, Boston, MA, USA <sup>3</sup>Massachusetts General Hospital, Department Of Pathology, Boston, MA, USA

**42.06. Inhaled IL10 Decreases the Development of Pulmonary Hypertension in Slit3 Knockout Mice with CDH.** M. Shah<sup>1</sup>, M. R. Phillips<sup>1</sup>, S. Balaji<sup>2</sup>, S. G. Keswani<sup>2</sup>, S. E. McLean<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA <sup>2</sup>Baylor College Of Medicine, Houston, TX, USA

**42.07. Up Regulation of Somatostatin Receptor Expression on Medullary Thyroid Cancers Using HDACi.** A. Janssen<sup>1</sup>, Z. Sun<sup>1</sup>, Z. Aburjania<sup>1</sup>, H. Jin<sup>1</sup>, R. Jaskula-Sztul<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA

**42.08. Human Necrotizing Enterocolitis (NEC) Genome Analysis Shows Relaxin Family Gene Changes .** C. Kapsalis<sup>1</sup>, P. J. Matheson<sup>1</sup>, J. Hata<sup>2</sup>, J. Shepherd<sup>1</sup>, L. M. Bond<sup>1</sup>, J. W. Smith<sup>1</sup>, C. D. Downard<sup>1</sup> <sup>1</sup>University Of Louisville, Surgery, Louisville, KY, USA <sup>2</sup>Kosair Children's Hospital, Pathology, Louisville, KY, USA

**42.09. High-performance Machine Learning and Evolutionary Computing to Develop Personalized Therapeutics.** R. C. Cockrell<sup>1</sup>, G. An<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA

**42.10. Gabapentin Attenuates Whisker Hypersensitivity After Diffuse Traumatic Brain Injury in the Rat.** S. Ogle<sup>1,2,3</sup>, L. M. Law<sup>1,2</sup>, P. D. Adelson<sup>1,2</sup>, J. Lifshitz<sup>1,2</sup>, T. C. Thomas<sup>1,2,3</sup>, S. B. Johnson<sup>1,3</sup> <sup>1</sup>University Of Arizona, College Of Medicine, Child Health, Phoenix, AZ, USA <sup>2</sup>BARROW Neurological Institute @ Phoenix Children's Hospital, Translational Neurotrauma Research Program, Phoenix, AZ, USA <sup>3</sup>Banner University Medical Center-Phoenix, Surgery, Phoenix, AZ, USA

**42.11. Direct Peritoneal Resuscitation Improves Mesenteric Perfusion by Nitric Oxide Dependent Pathways.** S. Khaneki<sup>1</sup>, A. Jensen<sup>1</sup>, N. Drucker<sup>1</sup>, T. Markel<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA

**42.12. Progenitor Cell Therapies for Traumatic Brain Injury: a Meta-Analysis of Pre-Clinical Data.** M. L. Jackson<sup>1</sup>, A. K. Srivastava<sup>1</sup>, C. S. Cox<sup>1</sup> <sup>1</sup>McGovern Medical School, Department Of Pediatric Surgery, Houston, TX, USA

**42.13. Thailandepsin-A Decreases Notch1 and Cell Proliferation in Neuroblastoma.** Z. Aburjania<sup>1</sup>, A. Janssen<sup>1</sup>, S. Jang<sup>1</sup>, H. Chen<sup>1</sup>, R. Jaskula-Sztul<sup>1</sup> <sup>1</sup>The University Of Alabama At Birmingham, Surgery, Birmingham, Alabama, USA

**42.14. Reverse Thermal Gel: An Alternative To Fetal Repair Of Myelomeningocele III: In Utero Applicability.** A. Marwan<sup>1</sup>, S. Williams<sup>1</sup>, J. Bardill<sup>2</sup>, N. AbdulAziz<sup>1</sup>, D. Park<sup>2</sup>, A. Marwan<sup>1</sup> <sup>1</sup>University Of Colorado School Of Medicine, Pediatric Surgery, Aurora, CO, USA <sup>2</sup>University Of Colorado School Of Medicine, Bioengineering, Aurora, CO, USA

**42.15. Oridonin Enhances the Anti-inflammatory Effects of Heat Shock Protein 70 Inhibition in Hepatic Stellate Cells.** O. Nunez Lopez<sup>1</sup>, X. Wang<sup>1</sup>, F. J. Bohanon<sup>1</sup>, H. Tie<sup>1</sup>, G. Graham<sup>1</sup>, R. S. Radhakrishnan<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA

**42.16. \*JSS ABSTRACT Overexpression of DYRK2 reduces viability of pancreatic cancer cells by activation of GSK3 $\alpha$  signaling.** T. Horiuchi<sup>1,2</sup>, H. Shiba<sup>1</sup>, N. Saito<sup>1,2</sup>, H. Sugano<sup>1,2</sup>, Y. Shirai<sup>1</sup>, R. Iwase<sup>1</sup>, K. Haruki<sup>1</sup>, Y. Fujiwara<sup>1</sup>, R. Mimoto<sup>1,3</sup>, K. Furukawa<sup>1</sup>, T. Uwagawa<sup>1,4</sup>, K. Yoshida<sup>3</sup>, T. Ohashi<sup>2</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School Of Medicine, Department Of Surgery, Tokyo, , Japan <sup>2</sup>The Jikei University School Of Medicine, Department Of Gene Therapy, Research Center For Medical Science, Tokyo, , Japan <sup>3</sup>The Jikei University School Of Medicine, Department Of Biochemistry, Tokyo, , Japan <sup>4</sup>The Jikei University School Of Medicine, Department Of Medical Oncology And Hematology, Tokyo, , Japan

**42.17. The Rapamycin Analog Temsirolimus Ameliorates Systemic Inflammation after Cecal Ligation and Puncture in Mice.** A. J. Lewis<sup>1</sup>, X. Zhang<sup>1</sup>, M. R. Rosengart<sup>1,2</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, Department Of Critical Care Medicine, Pittsburgh, PA, USA

**42.18. Reverse Thermal Gel: A Candidate For An Early Minimally Invasive Method To Patch Myelomeningoceles.** J. R. Bardill<sup>1</sup>, D. Park<sup>1</sup>, S. Williams<sup>3</sup>, A. Marwan<sup>1,2,3</sup> <sup>3</sup>University Of Colorado Denver, Pediatric Surgery, Aurora, CO, USA <sup>1</sup>University Of Colorado Denver, Bioengineering, Aurora, CO, USA <sup>2</sup>Children's Hospital Colorado, Aurora, CO, USA

**42.19. Ciclopirox Olamine Causes Growth Inhibition of Esophageal Carcinoma Cells.** R. J. Ryan<sup>1</sup>, P. Ramamoorthy<sup>1</sup>, S. J. Weir<sup>2</sup>, S. Anant<sup>1</sup>, P. DiPasco<sup>1</sup> <sup>1</sup>University Of Kansas, General Surgery, Kansas City, KS, USA <sup>2</sup>University Of Kansas, Pharmacology, Toxicology And Therapeutics, Kansas City, KS, USA

**42.20. Development of Hepatic Injury Model in Rats for Testing Hemostatic Patches.** E. Roozen<sup>1</sup>, R. Lomme<sup>1</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>RadboudUMC, General Surgery, Nijmegen, GELDERLAND, Netherlands

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

## Integrated Quick Shot Presentation Sessions II

BRAHMS 2

## 43. CLINICAL/OUTCOMES: CARDIOTHORACIC 1 QUICKSHOT

## MODERATORS: Peyman Benharash, MD &amp; Peter I-hsuan Tsai, MD

- 43.01. Understanding Unplanned Readmissions After Hiatal and Paraesophageal Hernia Repairs.** R. Bhagat<sup>1</sup>, E. Juarez-Colunga<sup>2</sup>, N. O. Glebova<sup>1</sup>, W. G. Henderson<sup>2</sup>, D. Fullerton<sup>1</sup>, M. J. Weyant<sup>1</sup>, J. D. Mitchell<sup>1</sup>, R. McIntyre<sup>1</sup>, R. A. Meguid<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Department Of Biostatistics & Informatics, Aurora, CO, USA <sup>2</sup>University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA
- 43.02. Diagnostic Imaging and Resource Utilization in Spontaneous Pneumomediastinum.** K. Williams<sup>1</sup>, L. M. Baumann<sup>1</sup>, C. Stake<sup>2</sup>, R. J. Hendrickson<sup>3</sup>, F. Abdullah<sup>1,2</sup>, T. A. Oyetunji<sup>1,2</sup> <sup>1</sup>Northwestern University, Feinberg School Of Medicine, Chicago, IL, USA <sup>2</sup>Ann & Robert H Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA <sup>3</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO, USA
- 43.03. Incidence of Cerebral Microemboli in Single-Dose vs Multi-Dose Cardioplegia in Adult Cardiac Surgery.** L. Mukdad<sup>1</sup>, S. Barajas<sup>1</sup>, K. Kim<sup>1</sup>, W. Toppen<sup>1</sup>, R. Gevorgyan<sup>2</sup>, H. Laks<sup>1</sup>, P. Benharash<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Cardiac Surgery, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Los Angeles, CA, USA
- 43.04. Simplifying Postoperative Outcome Prediction Scores In Cardiac Surgery.** Y. Juo<sup>1</sup>, N. Satou<sup>1</sup>, R. Shemin<sup>1</sup>, P. Benharash<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA
- 43.05. Robotic-Assisted Lobectomy Outcomes for Early vs. Late Pathologic Stages of Primary Lung Cancer.** B. Montane<sup>4</sup>, F. O. Velez-Cubian<sup>2</sup>, K. Toosi<sup>4</sup>, R. Gerard<sup>4</sup>, C. C. Moodie<sup>1</sup>, J. R. Garrett<sup>1</sup>, J. P. Fontaine<sup>1,2,3</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA
- 43.06. Meta-analysis of Thromboelastography for Postoperative Hemorrhage After Cardiac Surgery.** J. Parreco<sup>1</sup>, M. Eby<sup>1</sup>, A. A. Kurian<sup>1</sup>, C. Faber<sup>1</sup>, R. Kozol<sup>1</sup> <sup>1</sup>University Of Miami, Miami, FL, USA
- 43.07. Outcomes of Acute Renal Failure Evolved During Veno-Venous ECMO for Severe ARDS Patients.** R. Devasagayaram<sup>1</sup>, N. Cavarocchi<sup>1</sup>, H. Hirose<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Philadelphia, PA, USA
- 43.08. Lobectomy, Segmentectomy or Wedge Resection for T1a NSCLC: a Systematic Review and Meta-analysis.** M. A. IJsseldijk<sup>1,2</sup>, M. Shoni<sup>3</sup>, C. Siegert<sup>5</sup>, J. Seegers<sup>2</sup>, T. Van Engelenburg<sup>2,5</sup>, T. Tsai<sup>3</sup>, A. Leberthal<sup>3,4,5</sup>, R. Ten Broek<sup>1,2</sup> <sup>1</sup>Radboud University Medical Center, General Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Slingeland Hospital, Surgery, Doetinchem, GELDERLAND, Netherlands <sup>3</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA <sup>4</sup>Harvard School Of Medicine, Brookline, MA, USA <sup>5</sup>VA Boston Healthcare System, West Roxbury, MA, USA
- 43.09. A Protocol to Decrease Post Operative Chylous Effusion Duration in Pediatric Patients.** M. M. Winder<sup>1</sup>, D. K. Bailey<sup>3</sup>, R. J. Smout<sup>1</sup>, J. Marietta<sup>1</sup>, A. W. Eckhauser<sup>2</sup> <sup>1</sup>Primary Childrens Hospital, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Pediatric Cardiothoracic/Cardiothoracic Surgery/Surgery, Salt Lake City, UT, USA <sup>3</sup>University Of Utah, Critical Care/Pediatrics, Salt Lake City, UT, USA
- 43.10. Are Non-Emergent Cardiac Surgeries Performed During Off-Time Associated with Worse Outcome?.** R. Ou<sup>1</sup>, G. Ramos<sup>1</sup>, Y. Juo<sup>1</sup>, R. J. Shemin<sup>1</sup>, P. Benharash<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Cardiac Surgery, Los Angeles, CA, USA
- 43.12. Acute Retrograde Type A Aortic Dissection: Morphological Analysis and Clinical Implications.** B. L. Rademacher<sup>1</sup>, P. D. DiMusto<sup>2</sup>, J. L. Philip<sup>1</sup>, C. B. Goodavish<sup>3</sup>, N. C. De Oliveira<sup>3</sup>, P. C. Tang<sup>3</sup> <sup>1</sup>University of Wisconsin, Department Of Surgery, Division of General Surgery, Madison, Wisconsin, USA <sup>2</sup>University of Wisconsin, Department of Surgery, Division of Vascular Surgery, Madison, Wisconsin, USA <sup>3</sup>University Of Wisconsin, Department Of Surgery, Division of Cardiothoracic Surgery, Madison, Wisconsin, USA
- 43.13. The Use of Peri-operative Ketorolac in Surgical Treatment of Pediatric Spontaneous Pneumothorax.** R. M. Dorman<sup>1,2</sup>, G. Ventro<sup>1,2</sup>, S. Cairo<sup>1</sup>, K. Vali<sup>1,2</sup>, D. H. Rothstein<sup>1,2</sup> <sup>1</sup>Women And Children's Hospital Of Buffalo, Pediatric Surgery, Buffalo, NY, USA <sup>2</sup>State University Of New York At Buffalo, Pediatric Surgery, Buffalo, NY, USA
- 43.14. Thoracoscopic Lobectomy Reliability for NSCLC is an Important Indicator of Program Development.** M. Hennon<sup>1,2</sup>, J. Xiao<sup>2</sup>, M. Huang<sup>1</sup>, E. Dexter<sup>1,2</sup>, A. Picone<sup>1,2</sup>, S. Yendamuri<sup>1,2</sup>, C. Nwogu<sup>1,2</sup>, W. Tan<sup>3</sup>, T. Demmy<sup>5</sup> <sup>1</sup>Roswell Park Cancer Institute, Thoracic Surgery, Buffalo, NY, USA <sup>2</sup>State University Of New York At Buffalo, Surgery, Buffalo, NY, USA <sup>3</sup>Roswell Park Cancer Institute, Biostatistics, Buffalo, NY, USA <sup>5</sup>Rutgers Cancer Institute Of New Jersey, Cardiothoracic Surgery, New Brunswick, NJ, USA
- 43.15. Impact of Prior Myocardial Infarction on Myocardial Recovery after Transcatheter Aortic Valve Replacement.** A. Mantha<sup>2</sup>, N. Asthana<sup>3</sup>, G. Vorobiof<sup>3</sup>, P. Benharash<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA <sup>2</sup>University Of California - Irvine, Orange, CA, USA <sup>3</sup>University Of California - Los Angeles, Cardiology, Los Angeles, CA, USA
- 43.16. Weekend Discharge and Readmission Rates After Cardiac Surgery.** G. Ramos<sup>1</sup>, R. Kashani<sup>1</sup>, Y. Juo<sup>1</sup>, A. Lin<sup>2</sup>, N. Satou<sup>1</sup>, R. J. Shemin<sup>1</sup>, P. Benharash<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Cardiac Surgery, Los Angeles, CA, USA <sup>2</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Division of General Surgery, Los Angeles, CA, USA
- 43.17. Tumor Size and Perioperative Outcomes after Robotic-Assisted Pulmonary Lobectomy.** R. Gerard<sup>4</sup>, F. O. Velez-Cubian<sup>2</sup>, E. P. Ng<sup>4</sup>, C. C. Moodie<sup>1</sup>, J. R. Garrett<sup>1</sup>, J. P. Fontaine<sup>1,2,3</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA
- 43.18. Predictors of Cardiogenic Shock in Cardiac Surgery Patients Receiving Intra-Aortic Balloon Pumps.** A. Iyengar<sup>1</sup>, O. Kwon<sup>2</sup>, R. Shemin<sup>2</sup>, P. Benharash<sup>2</sup> <sup>1</sup>University Of California - Los Angeles, David Geffen School Of Medicine, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Division Of Cardiac Surgery, Los Angeles, CA, USA
- 43.19. Patterns of Mediastinal Metastasis after Robotic-Assisted Lobectomy for Non-Small Cell Lung Cancer.** R. Gerard<sup>4</sup>, F. O. Velez-Cubian<sup>2</sup>, E. P. Ng<sup>4</sup>, C. C. Moodie<sup>1</sup>, J. R. Garrett<sup>1</sup>, J. P. Fontaine<sup>1,2,3</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA
- 43.20. Functional Recovery in Transfemoral Versus Transapical Transcatheter Aortic Valve Replacement.** N. K. Asthana<sup>1</sup>, A. Mantha<sup>4</sup>, G. Vorobiof<sup>3</sup>, P. Benharash<sup>2</sup> <sup>1</sup>University Of California - Los Angeles, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Cardiothoracic Surgery, Los Angeles, CA, USA <sup>3</sup>University Of California - Los Angeles, Cardiology, Los Angeles, CA, USA <sup>4</sup>University Of California - Irvine, Orange, CA, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 44. CLINICAL/OUTCOMES: ONCOLOGY - PATIENT CENTERED OUTCOMES 2 QUICKSHOT

BRAHMS 3

**MODERATORS: Ioannis Hatzaras, MD, MPH & Tracy S. Wang, MD, MPH**

##### 44.01. Greater Lymph Node Retrieval and Lymph Node Ratio

**Impacts Survival in Resected Pancreatic Cancer.** K. A. Mirkin<sup>1,2</sup>, C. S. Hollenbeak<sup>1,2</sup>, J. Wong<sup>2</sup> <sup>1</sup>Penn State University College Of Medicine, Department Of Public Health Sciences, Hershey, PA, USA <sup>2</sup>Penn State University College Of Medicine, Department Of Surgery, Hershey, PA, USA

##### 44.02. Risk Factors for Post-operative Complications After

**Lymph Node Dissection for Melanoma.** B. Sunkara<sup>1</sup>, S. Diljak<sup>1</sup>, R. D. Kramer<sup>1</sup>, R. J. Strobel<sup>1</sup>, D. J. Mercante<sup>1</sup>, J. S. Jehnson<sup>1</sup>, J. F. Friedman<sup>1</sup>, A. Durham<sup>1</sup>, T. Johnson<sup>1</sup>, M. S. Cohen<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

##### 44.03. Pilot Study of SAVI SCOUT® to Localize Non-Palpable

**Breast Lesions to Reduce Re-excision.** R. Shirley<sup>1</sup>, P. Peddi<sup>1</sup>, S. Ahmed<sup>1</sup>, Q. D. Chu<sup>1</sup> <sup>1</sup>Louisiana State University Health Sciences Center-Shreveport, Surgery, Shreveport, LA, USA

##### 44.04. Near infrared perfusion assessment of gastric conduit in

**minimally invasive Ivor Lewis esophagectomy.** B. G. Dalton<sup>1</sup>, A. A. Ali<sup>2</sup>, Z. T. Awad<sup>1</sup> <sup>1</sup>University Of Florida-Jacksonville, Surgery, Jacksonville, FL, USA <sup>2</sup>Wayne State University, Surgery, Detroit, MI, USA

##### 44.05. Overall Survival after Resection for Retroperitoneal

**Sarcoma at Academic vs. Community Centers.** N. G. Berger<sup>1</sup>, J. P. Silva<sup>1</sup>, K. K. Christians<sup>1</sup>, S. Tsai<sup>1</sup>, T. Gambelin<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgery, Division Of Surgical Oncology, Milwaukee, WI, USA

##### 44.06. Prognostic Nomogram for Patients with Operable

**Pancreatic Cancer Treated with Neoadjuvant Therapy.** S. Jeong<sup>1</sup>, M. Aldakkak<sup>1</sup>, K. Ahn<sup>2</sup>, C. Huang<sup>3</sup>, K. K. Christians<sup>1</sup>, B. A. Erickson<sup>4</sup>, P. S. Ritch<sup>5</sup>, B. George<sup>6</sup>, D. B. Evans<sup>1</sup>, S. Tsai<sup>1</sup> <sup>4</sup>Medical College Of Wisconsin, Radiation Oncology, Milwaukee, WI, USA <sup>5</sup>Medical College Of Wisconsin, Hematology Oncology/Dept Of Medicine, Milwaukee, WI, USA <sup>1</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA <sup>2</sup>Medical College Of Wisconsin, Biostatistics, Milwaukee, WI, USA <sup>3</sup>University Of Wisconsin, Milwaukee, Biostatistics/Joseph J. Zilber School Of Public Health, Milwaukee, WI, USA

##### 44.07. Complete Response to Neoadjuvant Chemoradiation Does

**Not Increase Morbidity After Esophagectomy..** A. M. Brown<sup>1</sup>, D. Giugliano<sup>1</sup>, F. Palazzo<sup>1</sup>, E. L. Rosato<sup>1</sup>, N. R. Evans<sup>1</sup>, C. R. Lamb<sup>1</sup>, D. A. Levine<sup>1</sup>, A. C. Berger<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Department Of Surgery, Philadelphia, PA, USA

##### 44.08. Impact of Neoadjuvant Radiation and Chemotherapy on

**Perioperative Complications Following Whipple.** T. Tan<sup>1</sup>, C. McDaniel<sup>1</sup>, W. W. Zhang<sup>1</sup>, D. Rybin<sup>2</sup>, G. Doros<sup>2</sup>, Q. Chu<sup>1</sup> <sup>1</sup>Louisiana State University Health Sciences Center, Department Of Surgery, Shreveport, LA, USA <sup>2</sup>Boston Medical Center, Boston, MA, USA

##### 44.09. Does Adjuvant Radiation Provide Any Survival Benefit

**Following R1 Resections for Pancreatic Cancer?** N. R. Suss<sup>1</sup>, M. S. Talamonti<sup>1,2</sup>, D. S. Bryan<sup>2</sup>, C. Wang<sup>1</sup>, K. M. Kuchta<sup>1</sup>, S. J. Stocker<sup>1</sup>, D. J. Bentrem<sup>3</sup>, K. K. Roggin<sup>2</sup>, D. J. Winchester<sup>1,2</sup>, R. Marsh<sup>1,2</sup>, R. A. Prinz<sup>1,2</sup>, M. S. Baker<sup>1,2</sup> <sup>1</sup>NorthShore University Health-System, Department Of Surgery, Evanston, IL, USA <sup>2</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>3</sup>Feinberg School Of Medicine, Department Of Surgery, Chicago, IL, USA

##### 44.10. High Perioperative Morbidity and Mortality in Patients

**with Malignant Nonfunctional Adrenal Tumors.** A. R. Marcadis<sup>1</sup>, G. A. Rubio<sup>1</sup>, Z. F. Khan<sup>1</sup>, J. C. Farra<sup>1</sup>, T. M. Vaghaiwalla<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University of Miami, Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

##### 44.11. Outcomes Associated with Esophagectomy: Results from a

**Large Prospectively Maintained Database.** D. Lee<sup>1</sup>, P. Briceno<sup>2</sup>, R. Shridhar<sup>3</sup>, S. Kucera<sup>4</sup>, K. L. Meredith<sup>2</sup> <sup>1</sup>Florida State University College Of Medicine, Sarasota, FL, USA <sup>2</sup>Florida State University College Of Medicine/Sarasota Memorial Health Care System, Gastrointestinal Oncology, Sarasota, FL, USA <sup>3</sup>University Of Central Florida, Radiation Oncology, Orlando, FL, USA <sup>4</sup>Florida State University College Of Medicine/Sarasota Memorial Health Care System, Endoscopic Oncology, Sarasota, FL, USA

##### 44.12. Clinically Significant Cancer Rates in Incidentally Discov-

**ered Thyroid Nodules by Routine Imaging..** O. Picado Roque<sup>1</sup>, J. C. Farrá<sup>1,2</sup>, S. Liu<sup>1</sup>, W. Ouyang<sup>1</sup>, R. Teo<sup>1</sup>, A. Franco<sup>1</sup>, M. Gunder<sup>1</sup>, J. I. Lew<sup>1,2</sup> <sup>1</sup>University Of Miami, Division Of Endocrine Surgery, Miami, FL, USA <sup>2</sup>Sylvester Comprehensive Cancer Center, Miami, FL, USA

##### 44.13. \*JSS ABSTRACT Risk stratification using PT-INR to

**albumin ratio in patients with hepatocellular carcinoma.** K. Haruki<sup>1</sup>, H. Shiba<sup>1</sup>, N. Saito<sup>1</sup>, T. Horiuchi<sup>1</sup>, Y. Shirai<sup>1</sup>, Y. Fujiwara<sup>1</sup>, K. Furukawa<sup>1</sup>, T. Sakamoto<sup>1</sup>, T. Gocho<sup>1</sup>, T. Misawa<sup>1</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School Of Medicine, Department Of Surgery, Tokyo, TOKYO, Japan

##### 44.14. Utilization of Molecular Profiling in Colorectal Cancer: a

**Tertiary Cancer Center's Experience.** N. Nweze<sup>1</sup>, F. Zih<sup>1</sup>, B. Luo<sup>1</sup>, E. Sigurdson<sup>1</sup>, S. Reddy<sup>1</sup>, E. Lamb<sup>1</sup>, J. M. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

##### 44.15. Outcomes Following Resection of Hepatocellular

**Carcinoma in the Absence of Cirrhosis.** R. H. Lewis<sup>1</sup>, D. M. Bittenbinder<sup>1</sup>, T. O'Brien<sup>2</sup>, E. S. Glazer<sup>1</sup>, M. D. Fleming<sup>1</sup>, S. W. Behrman<sup>1</sup>, D. Shibata<sup>1</sup>, J. L. Deneve<sup>1</sup>, P. V. Dickson<sup>1</sup> <sup>1</sup>University Of Tennessee Health Science Center, Division Of Surgical Oncology, Department Of Surgery, Memphis, TN, USA <sup>2</sup>University of Tennessee Health Science Center, Department Of Pathology, Memphis, TN, USA

##### 44.16. Assessing the Impact of Graves Disease on the

**Incidence of Thyroid Cancer.** K. N. Edwards<sup>1</sup>, N. Bhutiani<sup>1</sup>, A. R. Quillo<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Division Of Surgical Oncology, Louisville, KY, USA

##### 44.17. Utilizing the Modified Frailty Index to Predict Morbidity for

**Retroperitoneal Sarcoma Resections.** J. S. Park<sup>1</sup>, S. B. Bateni<sup>1</sup>, A. R. Kirane<sup>1</sup>, R. J. Bold<sup>1</sup>, D. J. Canter<sup>2</sup>, R. J. Canter<sup>1</sup> <sup>2</sup>Ochsner Clinic, Urology, New Orleans, LOUISIANA, USA <sup>1</sup>University Of California - Davis, Sacramento, CA, USA

##### 44.18. Progressive Radiographic Findings After Breast

**Conserving Surgery and Intraoperative Radiation.** K. Reno<sup>5</sup>, A. Kuritzky<sup>1</sup>, B. Mooney<sup>2</sup>, W. Sun<sup>1</sup>, J. Zhou<sup>3</sup>, Z. Ma<sup>3</sup>, M. C. Lee<sup>1</sup>, C. Laronga<sup>1</sup> <sup>1</sup>Moffitt Cancer Center, Breast Surgery, Tampa, FLORIDA, USA <sup>2</sup>Moffitt Cancer Center, Radiology, Tampa, FLORIDA, USA <sup>3</sup>Moffitt Cancer Research Center, Biostatistics, Tampa, FLORIDA, USA <sup>4</sup>University Of South Florida, College Of Medicine, Tampa, FLORIDA, USA

##### 44.19. Incidence of Occult Carcinoma in Patients Undergoing

**Surgical Intervention for Benign Thyroid Disease.** A. Franco<sup>1</sup>, J. C. Farrá<sup>1,2</sup>, O. Picado Roque<sup>1</sup>, A. R. Marcadis<sup>1</sup>, R. Teo<sup>1</sup>, W. Ouyang<sup>1</sup>, S. Liu<sup>1</sup>, J. I. Lew<sup>1,2</sup> <sup>1</sup>University Of Miami, Endocrine Surgery, Miami, FL, USA <sup>2</sup>Sylvester Comprehensive Cancer Center, Miami, FL, USA

##### 44.20. Survival Outcome Profile for Appendiceal Neuroendocrine

**Tumors .** T. Oyasiji<sup>1</sup>, C. Onyemkpa<sup>2</sup>, T. Oyasiji<sup>1,2</sup> <sup>1</sup>Wayne State University, Oncology, Detroit, MI, USA <sup>2</sup>Michigan State University, Surgery, Lansing, MI, USA

2:30 PM - 4:30 PM

## Integrated Quick Shot Presentation Sessions II

BRAHMS 4

## 45. CLINICAL/OUTCOMES: ONCOLOGY 2 QUICKSHOT

MODERATORS: Christina E. Bailey, MD, MSCI &amp; Randall P. Scheri, MD

- 45.01. Is it cancer? Quantifying the clinician guessing-game.** A. W. Maiga<sup>1,2</sup>, S. A. Deppen<sup>1,2</sup>, R. Pinkerman<sup>2</sup>, C. Callaway-Lane<sup>2</sup>, R. S. Dittus<sup>1,2</sup>, E. Lambright<sup>1,2</sup>, J. Nesbitt<sup>1,2</sup>, E. L. Grogan<sup>1,2</sup> <sup>1</sup>Vanderbilt University Medical Center, Nashville, TN, USA <sup>2</sup>VA TN Valley Health-care System, Nashville, TN, USA
- 45.02. Treatment for Ductal Carcinoma In Situ Status Post Mastectomy with Close or Positive Margins.** C. E. Jones<sup>1</sup>, B. E. Jackson<sup>1</sup>, H. Krontiras<sup>1</sup>, M. M. Urist<sup>1</sup>, K. I. Bland<sup>1</sup>, C. C. Parker<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgical Oncology, Birmingham, Alabama, USA
- 45.03. \*JSS ABSTRACT OPRT as a Predictor of Benefit from S-1 Adjuvant Chemotherapy for Cholangiocarcinoma Patients.** K. Akahoshi<sup>1</sup>, D. Ban<sup>1</sup>, R. Kuboki<sup>1</sup>, S. Matsumura<sup>1</sup>, Y. Mitsunori<sup>1</sup>, T. Ochiai<sup>1</sup>, A. Kudo<sup>1</sup>, M. Tanabe<sup>1</sup> <sup>1</sup>Tokyo Medical And Dental University, Hepato-Biliary-Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan
- 45.04. Willingness to Travel is Associated with Increased Survival for Patients Undergoing Pancreatectomy.** M. Raoof<sup>1</sup>, P. H. Ituarte<sup>1</sup>, S. G. Warner<sup>1</sup>, Y. Woo<sup>1</sup>, G. Singh<sup>1</sup>, Y. Fong<sup>1</sup>, L. Melstrom<sup>1</sup> <sup>1</sup>City Of Hope Comprehensive Cancer Center, Surgery, Duarte, CA, USA
- 45.05. Impact of Travel Distance on Survival from Early-Stage Breast and Pancreas Cancer.** N. J. Lanzotti<sup>1</sup>, W. E. Zahnd<sup>1</sup>, J. F. Tseng<sup>2</sup>, J. D. Mellinger<sup>1</sup>, S. Ganai<sup>1</sup> <sup>2</sup>Beth Israel Deaconess Medical Center, Harvard Medical School, Department Of Surgery, Boston, MA, USA <sup>1</sup>Southern Illinois University School Of Medicine, Department Of Surgery, Springfield, IL, USA
- 45.06. IMRT is Superior to 3D-CRT for the Treatment of Anal Cancer.** B. F. Gilmore<sup>1</sup>, Z. Sun<sup>1</sup>, M. A. Adam<sup>1</sup>, D. Spiegel<sup>2</sup>, B. Ezekian<sup>1</sup>, M. C. Turner<sup>1</sup>, U. Nag<sup>1</sup>, M. Palta<sup>2</sup>, J. Migaly<sup>1</sup>, C. Mantyh<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA <sup>2</sup>Duke University Medical Center, Department Of Radiation Oncology, Durham, NC, USA
- 45.07. Use of Exonal Mutation Analysis in Surgically-Treated Gastrointestinal Stromal Tumors.** H. M. Dohnalek<sup>1,2,3</sup>, R. Acree<sup>1,2,3</sup>, D. Bihm<sup>1,2,3</sup>, K. Pulice<sup>1,2,3</sup>, H. Quadri<sup>1,2,3</sup>, N. G. Haddad<sup>1,2,3</sup>, L. B. Johnson<sup>1,2,3</sup>, J. Marshall<sup>1,2,3</sup>, W. Al-Refaie<sup>1,2,3</sup> <sup>1</sup>Georgetown University Medical Center, Surgery, Washington, DC, USA <sup>2</sup>MedStar Georgetown University Hospital, Surgery, Washington, DC, USA <sup>3</sup>MedStar Georgetown Surgical Outcomes Research Center, Washington, DC, USA
- 45.08. Initial Experience of Rectal Cancer Staging with 7T Magnetic Resonance Imaging.** J. J. Blank<sup>2</sup>, N. G. Berger<sup>2</sup>, P. M. Knechtges<sup>3</sup>, R. W. Prost<sup>3</sup>, C. Y. Peterson<sup>1</sup>, K. A. Ludwig<sup>1</sup>, T. J. Ridolfi<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, General Surgery, Colorectal Division, Milwaukee, WI, USA <sup>2</sup>Medical College Of Wisconsin, General Surgery, Milwaukee, WI, USA <sup>3</sup>Medical College Of Wisconsin, Radiology, Milwaukee, WI, USA
- 45.10. Racial and Ethnic Disparities in Presentation, Treatment, and Prognosis of Gastric Cancer.** A. A. Mokdad<sup>1</sup>, I. Nassour<sup>1</sup>, A. Ali<sup>1</sup>, J. C. Mansour<sup>1</sup>, A. C. Yopp<sup>1</sup>, R. M. Minter<sup>1</sup>, P. M. Polanco<sup>1</sup>, M. M. Augustine<sup>1</sup>, M. A. Choti<sup>1</sup>, S. C. Wang<sup>1</sup>, M. R. Porembka<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA
- 45.11. Optimal Timing of Surveillance Mammography After Breast Conservation Therapy: 6 vs 12 Months?** M. Witten<sup>1</sup>, L. Camp<sup>1</sup>, L. Aguilera<sup>1</sup>, L. Teng<sup>1</sup>, F. Philp<sup>1</sup>, B. Klepchick<sup>1</sup>, W. Poller<sup>1</sup>, T. Julian<sup>1</sup>, M. Cowher<sup>1</sup> <sup>1</sup>Allegheny General Hospital, Breast Surgical Oncology, Pittsburgh, PA, USA
- 45.12. Failure to Operate on Resectable Gastric Cancer: Implications for Policy Changes and Regionalization.** H. A. Frohman<sup>1</sup>, J. T. Martin<sup>2</sup>, A. H. Le<sup>1</sup>, S. P. Dineen<sup>1</sup>, C. D. Tzeng<sup>1</sup> <sup>1</sup>University Of Kentucky, Department Of Surgery, Lexington, KY, USA <sup>2</sup>Southern Ohio Medical Center, Department Of Cardiothoracic Surgery, Portsmouth, OH, USA
- 45.13. Feedback for Pre-referral Medical Errors: Attitudes and Practices Among Cancer Specialists.** J. S. Lee<sup>1</sup>, R. M. Kauffman<sup>2</sup>, M. C. Lee<sup>3</sup>, G. P. Quinn<sup>4</sup>, L. A. Dossett<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA <sup>3</sup>Moffitt Cancer Center And Research Institute, Comprehensive Breast Program, Tampa, FL, USA <sup>4</sup>Moffitt Cancer Center And Research Institute, Department Of Health Outcomes And Behavior, Tampa, FL, USA
- 45.14. Post Mastectomy Reconstruction Rates: The Effect of Tumor Grade and Radiation Therapy in Younger Women.** K. G. Reddy<sup>2</sup>, P. D. Strassle<sup>2,3</sup>, K. P. McGuire<sup>1,2</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Division Of Surgical Oncology, Chapel Hill, NC, USA <sup>2</sup>University Of North Carolina At Chapel Hill, Department Of Surgery, Chapel Hill, NC, USA <sup>3</sup>University Of North Carolina At Chapel Hill, Department Of Epidemiology, Chapel Hill, NC, USA
- 45.15. Molecular Profiling in Melanoma: Does Age Make a Difference?** I. A. Soliman<sup>1</sup>, M. Renzetti<sup>1</sup>, H. Wu<sup>1</sup>, B. Luo<sup>1</sup>, A. Olszanski<sup>1</sup>, S. Movva<sup>1</sup>, M. Lango<sup>1</sup>, S. Reddy<sup>1</sup>, F. Zih<sup>1</sup>, J. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA
- 45.16. Training Surgeons in Shared Decision-Making with Older Cancer Patients: Shared Benefits within Reach.** N. Geessink<sup>1</sup>, Y. Schoon<sup>1</sup>, M. Olde Rikkert<sup>1</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboud University Medical Center, Nijmegen, , Netherlands
- 45.17. Factors Affecting Time From Diagnosis To Surgery In Resectable Pancreatic Adenocarcinoma Patients.** C. Ripat<sup>1,3</sup>, N. Merchant<sup>1,2</sup>, B. Azab<sup>1,2</sup>, J. Hu<sup>2,3</sup>, O. Carrasquillo<sup>3</sup>, D. Yakoub<sup>1,2</sup> <sup>1</sup>University Of Miami, Department Of Surgery, Miami, FL, USA <sup>2</sup>University Of Miami, Sylvester Comprehensive Cancer Center, Miami, FL, USA <sup>3</sup>University Of Miami, Department Of Public Health Sciences, Miami, FL, USA
- 45.18. Predicting the Invasion Depth of Remnant Gastric Cancer.** K. Tokizawa<sup>1</sup>, H. Takeuchi<sup>1</sup>, M. Inoue<sup>1</sup>, M. Takahashi<sup>1</sup>, K. Fukuda<sup>1</sup>, R. Nakamura<sup>1</sup>, K. Suda<sup>1</sup>, N. Wada<sup>1</sup>, H. Kawakubo<sup>1</sup>, Y. Kitagawa<sup>1</sup> <sup>1</sup>Keio University School Of Medicine, Department Of Surgery, Shinjuku-ku, TOKYO, Japan
- 45.19. Do Medical Comorbidities Biologically Worsen Breast Cancer?** I. Woelfel<sup>1</sup>, L. Fernandez<sup>4</sup>, M. Idowu<sup>2</sup>, K. Takabe<sup>3</sup> <sup>1</sup>Virginia Commonwealth University, School Of Medicine, Richmond, VA, USA <sup>2</sup>Virginia Commonwealth University, Department Of Pathology, Richmond, VA, USA <sup>3</sup>Roswell Park Cancer Institute, Buffalo, NY, USA <sup>4</sup>Virginia Commonwealth University, Department Of Surgical Oncology, Richmond, VA, USA
- 45.20. Is Contralateral Prophylactic Mastectomy an Increasing Topic of Conversation on Online Cancer Communities?** R. A. Marmor<sup>1,2</sup>, W. Dai<sup>2</sup>, X. Jiang<sup>2</sup>, S. L. Blair<sup>1</sup>, J. Huh<sup>2</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA <sup>2</sup>University Of California - San Diego, Biomedical Informatics, San Diego, CA, USA

TUESDAY

WEDNESDAY

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2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 46. CLINICAL/OUTCOMES: PEDIATRICS - PATIENT CENTERED OUTCOMES 2 QUICKSHOT

CHOPIN 1

**MODERATORS: Christopher P. Gayer, MD & Pasithorn Suwanabol, MD**

**46.01. Cervical Spine Injuries in Young Children: Pattern and Outcomes in Accidental vs. Inflicted Trauma.** J. E. Baerg<sup>1</sup>, A. Thirumoorthi<sup>1</sup>, R. Vannix<sup>1</sup>, R. Hazboun<sup>1</sup>, P. Krafft<sup>1</sup>, A. Zouros<sup>1</sup> <sup>1</sup>Loma Linda University School Of Medicine, Pediatric Surgery, Loma Linda, CA, USA

**46.02. Firearm Injuries Due to Legal Intervention in Children and Adolescents: A National Analysis.** A. E. Wagenaar<sup>1</sup>, J. Tashiro<sup>1</sup>, N. Joudi<sup>1</sup>, E. A. Perez<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA

**46.03. The Impact of Obesity on Specialty-specific 30-day Complications in Pediatric Surgery.** A. T. Train<sup>1</sup>, S. Cairo<sup>1</sup>, H. A. Meyers<sup>1</sup>, C. M. Harmon<sup>1,2</sup>, D. H. Rothstein<sup>1,2</sup> <sup>1</sup>Women And Children's Hospital Of Buffalo, Pediatric Surgery, Buffalo, NY, USA <sup>2</sup>State University Of New York At Buffalo, Buffalo, NY, USA

**46.04. Jet Ventilation During Esophageal Atresia Repair: Better for the Baby, Better for the Surgeon.** N. J. Ahn<sup>1</sup>, M. Ehlers<sup>1</sup>, C. Pezzano<sup>1</sup>, C. M. Whyte<sup>1</sup>, E. Renaud<sup>1</sup> <sup>1</sup>Albany Medical College, Albany, NY, USA

**46.05. Patient Preferences Regarding Postoperative Clinic Visits After Routine Operations.** C. N. Litz<sup>1</sup>, M. McGuire<sup>1</sup>, P. D. Danielson<sup>1</sup>, N. M. Chandler<sup>1</sup> <sup>1</sup>Johns Hopkins All Children's Hospital, Division Of Pediatric Surgery, St. Petersburg, FL, USA

**46.06. Necrotizing Enterocolitis: A Temporal and Predictive Model for Disease Development.** J. Primus<sup>1</sup>, I. Caban<sup>1</sup>, M. Collins<sup>1</sup>, C. Coghill<sup>1,3</sup>, C. Roane<sup>1</sup>, M. Estes<sup>1</sup>, P. Tarr<sup>2</sup>, C. Martin<sup>1</sup> <sup>1</sup>Children's Hospital Of Alabama, Pediatric Surgery, Birmingham, ALABAMA, USA <sup>2</sup>Washington University In St. Louis, Pediatric Gastroenterology, St. Louis, MISSOURI, USA <sup>3</sup>Children's Hospital Of Alabama, Neonatal Intensive Care, Birmingham, ALABAMA, USA

**46.07. Laparoscopic Converted to Open Appendectomy: Outcomes Comparison using Propensity Score Analysis.** A. E. Wagenaar<sup>1</sup>, J. Tashiro<sup>1</sup>, J. C. Langer<sup>2</sup>, E. A. Perez<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA <sup>2</sup>University of Toronto, Surgery, Toronto, Ontario, Canada

**46.08. Prognostic Significance Of Fetal MRI On Airway Outcomes Affected By Venolymphatic Malformations.** D. Schindel<sup>1,2</sup>, D. Twickler<sup>2</sup>, N. Frost<sup>1,2</sup>, D. Walsh<sup>2</sup>, P. S. Munoz<sup>2</sup>, R. Johnson<sup>1,2</sup> <sup>1</sup>Children's Medical Center Dallas, Dallas, TX, USA <sup>2</sup>UT Southwestern Medical Center, Dallas, TX, USA

**46.09. Discrepancy Between On-scene and ED GCS in Pediatric Trauma Patients.** S. DiBrito<sup>1,2</sup>, M. Cerullo<sup>1,2</sup>, S. Goldstein<sup>1</sup>, L. Martin<sup>1</sup>, M. Ladd<sup>1</sup>, S. Ziegfeld<sup>1</sup>, D. Stewart<sup>1</sup>, I. Nasr<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Pediatric Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins School Of Public Health, Baltimore, MD, USA

**46.10. Are Foley Catheters Needed Following Minimally Invasive Repair of Pectus Excavatum?** T. C. Friske<sup>1</sup>, R. Sola<sup>3</sup>, Y. R. Yu<sup>1,2</sup>, A. R. Jamal<sup>1</sup>, E. Rosenfeld<sup>1,2</sup>, H. Zhu<sup>2</sup>, S. D. St. Peter<sup>3</sup>, S. R. Shah<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Division Of Pediatric Surgery, Houston, TX, USA <sup>3</sup>Children's Mercy Hospital, Division Of Pediatric Surgery, Kansas City, MO, USA

**46.11. Ultrasound Guidance for Difficult IV Access in the OR.** B. Carr<sup>1</sup>, M. Ralls<sup>1</sup>, S. Gadepalli<sup>1</sup>, M. Jarboe<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**46.12. Outcomes of Fetuses with Primary Hydrothorax that Undergo Prenatal Intervention.** R. Mon<sup>1,2</sup>, G. Mychaliska<sup>1,2</sup>, D. Berman<sup>2</sup>, M. C. Treadwell<sup>2</sup>, J. Kreutzman<sup>1,2</sup>, E. Perrone<sup>1,2</sup> <sup>1</sup>University Of Michigan, Pediatric Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Fetal Diagnosis And Treatment Center, Ann Arbor, MI, USA

**46.13. Interpretation of Ultrasounds That Fail to Visualize the Appendix in A Community Hospital Setting.** J. M. Held<sup>1</sup>, C. McEvoy<sup>1</sup>, S. Foster<sup>1</sup>, R. Ricca<sup>1</sup> <sup>1</sup>Naval Medical Center Portsmouth, Pediatric Surgery, Portsmouth, VA, USA

**46.14. Efficacy of Sclerotherapy for Non-Parasitic Splenic Cysts in Children.** J. J. Lopez<sup>1,2</sup>, D. Lodwick<sup>1,2</sup>, J. Cooper<sup>2</sup>, M. Hogan<sup>3</sup>, D. King<sup>1</sup>, P. Minneci<sup>1,2</sup> <sup>1</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OHIO, USA <sup>2</sup>Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OHIO, USA <sup>3</sup>Nationwide Children's Hospital, Pediatric Radiology, Columbus, OHIO, USA

**46.15. Utilizing Stricture Indices to Predict Dilation of Strictures after Esophageal Atresia Repair.** R. M. Landisch<sup>1</sup>, S. Foster<sup>1</sup>, D. Gregg<sup>3</sup>, T. Chelius<sup>1</sup>, L. Cassidy<sup>1</sup>, D. Lerner<sup>4</sup>, D. R. Lal<sup>1,2</sup> <sup>1</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA <sup>2</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA <sup>3</sup>Children's Hospital Of Wisconsin, Radiology, Milwaukee, WI, USA <sup>4</sup>Children's Hospital Of Wisconsin, Gastroenterology, Milwaukee, WI, USA

**46.16. Simultaneous Bilateral Thoracotomy Performed for Pulmonary Metastasectomy in Children.** S. J. Commander<sup>1</sup>, M. Goss<sup>1</sup>, Y. Shi<sup>1</sup>, R. Flores<sup>2</sup>, S. Vasudevan<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Pediatric Surgery, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Hematology/ Oncology, Houston, TX, USA

**46.17. Limitations of Current Prenatal Clinical Prediction Models for Congenital Abnormalities.** J. Chang<sup>1,2</sup>, C. Lundquist<sup>1</sup>, J. S. Lutz<sup>1</sup>, B. S. Wessler<sup>1</sup>, D. M. Kent<sup>1</sup>, H. C. Jen<sup>1,2</sup> <sup>1</sup>Tufts Medical Center, Predictive Analytics And Comparative Effectiveness Center, Boston, MA, USA <sup>2</sup>Floating Hospital For Children, Pediatric Surgery, Boston, MA, USA

**46.18. Infectious Outcomes in Gastroschisis Patients with Intra-operative Hypothermia.** R. M. Landisch<sup>2</sup>, R. Massoumi<sup>3</sup>, M. Christensen<sup>1</sup>, A. J. Wagner<sup>1,2</sup> <sup>1</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA <sup>2</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA <sup>3</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA

**46.19. Treatment Options for Pediatric Empyema: Video-Assisted Thoracoscopic Surgery vs. Fibrinolytics.** N. A. Vaughan<sup>1</sup>, N. Spendlove<sup>2</sup>, L. S. Burkhalter<sup>1</sup>, A. L. Beres<sup>1,2</sup>, D. L. Diesen<sup>1,2</sup> <sup>1</sup>Children's Medical Center, Department Of Pediatric Surgery, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA

**46.20. The Lack of Surgical Consequences of Eclampsia and HELLP for the Neonate, a surprising finding.** W. P. Boyan<sup>1</sup>, B. Shea<sup>1</sup>, N. Fiore<sup>2</sup>, Y. Fenig<sup>1</sup>, I. T. Cohen<sup>1</sup> <sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada <sup>1</sup>Monmouth Medical Center, Surgery, Long Branch, NJ, USA

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## Integrated Quick Shot Presentation Sessions II

## 47. CLINICAL/OUTCOMES: PEDIATRICS 2 QUICKSHOT

CHOPIN 2

MODERATORS: Melissa E. Danko, MD &amp; Regan F. Williams, MD

## 47.01. Infidelity: Cheating on the Pre-Incision Surgical Safety

**Checklist.** J. Wang<sup>1,2,3</sup>, K. T. Anderson<sup>1,2,3</sup>, M. Bartz-Kurycki<sup>1,2,3</sup>, K. M. Masada<sup>1,2,3</sup>, J. E. Abraham<sup>1,2,3</sup>, C. K. Shoraka<sup>1,2,3</sup>, M. T. Austin<sup>1,2,3</sup>, A. L. Kawaguchi<sup>1,2,3</sup>, K. P. Lally<sup>1,2,3</sup>, K. Tsao<sup>1,2,3</sup> <sup>1</sup>McGovern Medical School, The University Of Texas Health Sciences Center At Houston, Houston, TX, USA <sup>2</sup>Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA <sup>3</sup>Center For Surgical Trials And Evidence-based Practices (C-STEP), Houston, TX, USA

## 47.02. Intracranial Pressure Monitoring In Pediatric Traumatic

**Brain Injury: Is It Time To Rethink Its Utility??** V. Pandit<sup>1</sup>, A. Azim<sup>1</sup>, T. O'Keeffe<sup>1</sup>, A. Tang<sup>1</sup>, K. Ibraheem<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, G. Vercruysse<sup>1</sup>, L. Gries<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma, critical Care, Burn And Emergency Surgery/Department Of Surgery, Tucson, AZ, USA

## 47.03. What To Do With A Non-Diagnostic Ultrasound For

**Children With Suspected Acute Appendicitis?** A. F. Tyson<sup>1</sup>, R. Sola<sup>1</sup>, S. Lawson<sup>1</sup>, A. E. Furr<sup>1</sup>, R. Cordle<sup>1</sup>, A. M. Schulman<sup>1</sup>, G. H. Cosper<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Charlotte, NC, USA

## 47.04. The effectiveness of protective devices in the prevention

**of pediatric traumatic brain injuries.** T. J. Zens<sup>1</sup>, S. Chalet<sup>2,3</sup>, A. Rogers<sup>1</sup>, J. Kohler<sup>1</sup>, Y. Shan<sup>4</sup>, C. M. Leys<sup>1</sup> <sup>1</sup>University Of Wisconsin, Pediatric Surgery, Madison, WI, USA <sup>2</sup>University Of Tennessee Health Science Center, Otolaryngology-Head & Neck Surgery, Memphis, TN, USA <sup>3</sup>University Of Wisconsin, Otolaryngology-Head & Neck Surgery, Madison, WI, USA <sup>4</sup>University Of Wisconsin, Statistics, Madison, WI, USA

47.05. Small Bowel Obstruction in Children . K. L. Weaver<sup>1</sup>, H.

Alemayehu<sup>1</sup>, B. David<sup>1</sup>, S. D. St. Peter<sup>1</sup>, P. Aguayo<sup>1</sup> <sup>1</sup>Children's Mercy Hospital-University Of Missouri Kansas City, Kansas City, MO, USA

## 47.06. Geographic and Socioeconomic Distribution of Pediatric

**Firearm Injuries in Arizona.** A. Safavi<sup>1</sup>, T. O'Keeffe<sup>1</sup>, R. S. Frieese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Division Of Trauma, Critical Care, Emergency Surgery, And Burns, Department Of Surgery, Tucson, AZ, USA

## 47.07. Initial Experience of Peroral Endoscopic Myotomy for

**Treatment of Achalasia in Children.** W. C. Kethman<sup>1</sup>, C. Thorson<sup>1</sup>, T. Sinclair<sup>1</sup>, W. Berquist<sup>2</sup>, S. Chao<sup>1</sup>, J. K. Wall<sup>1</sup> <sup>1</sup>Stanford University, Division Of Pediatric Surgery, Stanford, CA, USA <sup>2</sup>Stanford University, Division Of Pediatric Gastroenterology, Stanford, CA, USA

## 47.08. Elective Laparoscopic Gastrotomy in Children:

**Potential for an Enhanced Recovery Protocol.** K. Williams<sup>1</sup>, L. M. Baumann<sup>1</sup>, F. Abdullah<sup>1,2</sup>, R. J. Hendrickson<sup>3</sup>, T. A. Oyetunji<sup>1,2</sup> <sup>1</sup>Northwestern University, Feinberg School Of Medicine, Chicago, IL, USA <sup>2</sup>Ann & Robert H Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA <sup>3</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO, USA

## 47.09. Insurance Status and Outcomes in Pediatric Trauma. C. M.

Courtney<sup>1</sup>, E. J. Onufer<sup>1</sup>, P. M. Choi<sup>1</sup>, N. A. Wilson<sup>1</sup>, A. M. Vogel<sup>1</sup>, M. S. Keller<sup>1</sup> <sup>1</sup>Washington University, St. Louis, MO, USA

## 47.10. Signing-In For Safety: Benefits of the Pre-Induction

**Checklist.** K. T. Anderson<sup>2,3,4</sup>, M. Bartz-Kurycki<sup>2,3,4</sup>, M. J. Ottosen<sup>2,3,4</sup>, K. M. Masada<sup>2,3,4</sup>, J. E. Abraham<sup>2,3,4</sup>, J. Wang<sup>2,3,4</sup>, A. L. Kawaguchi<sup>2,3,4</sup>, L. S. Kao<sup>2,3,4</sup>, K. P. Lally<sup>2,3,4</sup>, K. Tsao<sup>2,3,4</sup> <sup>2</sup>McGovern Medical School, The University Of Texas Health Sciences Center At Houston, Houston, TX, USA <sup>3</sup>Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA <sup>4</sup>Center For Surgical Trials And Evidence-based Practices (C-STEP), Houston, TX, USA

## 47.11. Debriefing: The Forgotten Phase of the Surgical Safety

**Checklist.** J. E. Abraham<sup>1,2,3</sup>, K. T. Anderson<sup>1,2,3</sup>, M. A. Bartz-Kurycki<sup>1,2,3</sup>, K. M. Masada<sup>1,2,3</sup>, C. K. Shoraka<sup>1,2,3</sup>, J. Wang<sup>1,2,3</sup>, A. L. Kawaguchi<sup>1,2,3</sup>, K. P. Lally<sup>1,2,3</sup>, K. Tsao<sup>1,2,3</sup> <sup>1</sup>McGovern Medical School, University Of Texas Health Science Center At Houston, Houston, TX, USA <sup>2</sup>Children's Memorial Hermann Hospital, Houston, TX, USA <sup>3</sup>Center For Surgical Trials And Evidence-based Practices (C-STEP), The University Of Texas Health Sciences Center At Houston, Houston, TX, USA

## 47.12. Assessment of Surgeon Comfort with Pediatric Surgical

**Procedures within the Military Health System.** L. M. Fluke<sup>2</sup>, J. L. Fitch<sup>2</sup>, C. S. McEvoy<sup>2</sup>, W. H. Ward<sup>2</sup>, R. L. Ricca<sup>1</sup> <sup>1</sup>Naval Medical Center Portsmouth, Pediatric Surgery, Portsmouth, VA, USA <sup>2</sup>Naval Medical Center Portsmouth, General Surgery, Portsmouth, VA, USA

## 47.13. Giant Parathyroid Adenoma – Friend or Foe?. D. J.

Goldberg<sup>1</sup>, J. Monchik<sup>1</sup>, T. Cotton<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, General Surgery, Providence, RI, USA

## 47.14. Engaging Parents: Critical members of the Surgical

**Safety Checklist.** M. A. Bartz-Kurycki<sup>1,2,3</sup>, K. T. Anderson<sup>1,2,3</sup>, K. M. Masada<sup>1,2,3</sup>, M. J. Ottosen<sup>1,2,3</sup>, J. Wang<sup>1,2,3</sup>, J. E. Abraham<sup>1,2,3</sup>, K. Tsao<sup>1,2,3</sup> <sup>1</sup>McGovern Medical School, The University Of Texas Health Sciences Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA <sup>2</sup>Children's Memorial Hermann Hospital, Houston, TX, USA <sup>3</sup>Center For Surgical Trials And Evidence-based Practices (C-STEP), The University Of Texas Health Sciences Center At Houston, Houston, TX, USA

## 47.15. Neonatal Echocardiogram in Duodenal Atresia Is Unneces-

**sary After Normal Fetal Cardiac Imaging.** C. Stephens<sup>1</sup>, N. Hamilton<sup>1</sup> <sup>1</sup>Oregon Health And Science University, Pediatric Surgery, Portland, OR, USA

## 47.16. Fulminant Clostridium difficile colitis in children: A

**disease of surgical relevance?.** R. B. Interiano<sup>1,2</sup>, J. Wolf<sup>4,5</sup>, S. Arnold<sup>4</sup>, R. F. Williams<sup>1,2</sup> <sup>1</sup>University Of Tennessee Health Science Center, Surgery, Memphis, TN, USA <sup>2</sup>St. Jude Children's Research Hospital, Surgery, Memphis, TN, USA <sup>4</sup>University Of Tennessee Health Science Center, Infectious Diseases, Memphis, TN, USA <sup>5</sup>St. Jude Children's Research Hospital, Infectious Diseases, Memphis, TN, USA

## 47.17. Prenatal Prognostication of Congenital Diaphrag-

**matic Hernia.** S. Koehler<sup>1</sup>, K. Boyd<sup>4</sup>, E. Gross<sup>1</sup>, E. Peterson<sup>3</sup>, A. J. Wagner<sup>1</sup> <sup>1</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA <sup>3</sup>Medical College Of Wisconsin, Maternal Fetal Medicine, Milwaukee, WI, USA <sup>4</sup>Children's Hospital Of Wisconsin, Pediatric Radiology, Milwaukee, WI, USA

## 47.18. Evolution of a Level I Pediatric Trauma Center: Changes

**in Injury Mechanisms and Improved Outcomes.** C. Schlegel<sup>1</sup>, A. Greeno<sup>1</sup>, K. F. Collins<sup>1</sup>, H. N. Lovvorn<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Nashville, TN, USA

## 47.19. Analysis of Online Fundraising for Pediatric Oncology

**Patients Using Crowdfunding.** I. Schulte<sup>4</sup>, H. Garrigan<sup>3</sup>, S. Romo<sup>3</sup>, P. H. Chang<sup>1,2</sup> <sup>1</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA <sup>2</sup>Shriners Hospitals For Children-Cincinnati, Cincinnati, OH, USA <sup>3</sup>Shriners Hospitals For Children-Boston, Boston, MA, USA <sup>4</sup>Northeastern University, Boston, MA, USA

## 47.20. Fertility Preservation in Female Patients with Pelvic Tumors

**Receiving Pelvic Radiation.** R. M. Rentea<sup>1</sup>, A. S. Poola<sup>1</sup>, J. M. Fulbright<sup>3</sup>, S. D. St. Peter<sup>1</sup>, S. R. Shah<sup>4</sup> <sup>1</sup>Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA <sup>3</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Hematology/Medical Oncology, Kansas City, MO, USA <sup>4</sup>Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA

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### Integrated Quick Shot Presentation Sessions II

#### 48. CLINICAL/OUTCOMES: TRANSPLANTATION - PATIENT CENTERED OUTCOMES QUICKSHOT

CHOPIN 3

**MODERATORS: Sunil K. Geevarghese, MD, FACS & Susanna M. Nazarian, MD, PhD**

**48.01. Access to Healthcare after Living Kidney Donation.** W. Summers<sup>1</sup>, C. R. Baxter<sup>1</sup>, B. Shelton<sup>1</sup>, R. Reed<sup>1</sup>, P. MacLennan<sup>1</sup>, J. McLeod<sup>1</sup>, C. Carroll<sup>1</sup>, J. Locke<sup>1</sup> <sup>1</sup>University Of Alabama, Birmingham, Alabama, USA

**48.03. Do Objective Assessments Match Adolescent Transplant Patients' Perceptions of Transition Readiness?** B. Cao<sup>1,2</sup>, F. C. Njoku<sup>1,3</sup>, Y. J. Bababekov<sup>1</sup>, A. King<sup>1</sup>, B. J. Luby<sup>1</sup>, D. C. Chang<sup>1</sup>, H. Yeh<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>University Of Rochester, School Of Medicine, Rochester, NY, USA <sup>3</sup>University Of California - Irvine, School Of Medicine, Orange, CA, USA

**48.04. Living Donor Liver Transplantation for PSC: Timely transplants with Excellent Outcomes.** C. Ibarra<sup>1</sup>, D. C. Mulligan<sup>1</sup>, P. Yoo<sup>1</sup>, K. Giles<sup>1</sup>, K. Cartiera<sup>1</sup>, G. Babas<sup>1</sup>, C. DelaSantha<sup>1</sup>, A. Liapakis<sup>1</sup>, M. Schilsky<sup>1</sup>, C. Caldwell<sup>1</sup>, S. Emre<sup>1</sup>, M. I. Rodriguez-Davalos<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery - Transplant, New Haven, CT, USA

**48.05. Gait Speed And Hand Grip Strength Are Independent Predictors Of Liver Transplant Waiting List Dropout.** S. Kulkarni<sup>2</sup>, H. Chen<sup>4</sup>, D. A. Josbeno<sup>5</sup>, A. Schmotzer<sup>1,6</sup>, C. Hughes<sup>1</sup>, A. Humar<sup>1</sup>, V. Rachakonda<sup>1,3</sup>, M. A. Dunn<sup>1,3</sup>, A. D. Tevar<sup>1</sup> <sup>3</sup>University Of Pittsburgh, Division Of Gastroenterology, Hepatology & Nutrition / Dept. Of Medicine, Pittsburgh, PA, USA <sup>4</sup>Department Of Medicine, University Of Pittsburgh Medical Center, Pittsburgh, PA, USA <sup>5</sup>Department Of Physical Therapy, University Of Pittsburgh Medical Center, Pittsburgh, PA, USA <sup>6</sup>Division Of Gastroenterology, Hepatology & Nutrition, University Of Pittsburgh Medical Center, Pittsburgh, PA, USA <sup>1</sup>Thomas E. Starzl Transplantation Institute, Dept. Of Surgery / University Of Pittsburgh, Pittsburgh, PA, USA <sup>2</sup>Department Of Surgery, University Of Pittsburgh Medical Center, Pittsburgh, PA, USA

**48.06. Improved Utilization and Sharing of Liver Allografts Using a Dedicated Independent Donor Surgeon .** S. Gotewal<sup>1</sup>, C. Hwang<sup>1</sup>, J. Reese<sup>1</sup>, M. MacConmara<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Transplant, Dallas, TX, USA

**48.07. Utility of Pre-Liver Transplant Screening Colonoscopy.** R. C. Graham<sup>1</sup>, O. Afolabi<sup>1</sup>, J. A. Fridell<sup>1</sup>, C. A. Kubal<sup>1</sup>, B. Ekser<sup>1</sup>, R. S. Mangus<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Transplant Division, Department Of Surgery, Indianapolis, IN, USA

**48.08. Pathology and Outcomes of Incidental Hepatocellular Carcinoma following Liver Transplantation.** C. Ekeke<sup>4</sup>, C. Hughes<sup>1</sup>, A. Humar<sup>1</sup>, A. Tsung<sup>3</sup>, S. Ganesh<sup>1,2</sup>, V. Rachakonda<sup>1,2</sup>, A. D. Tevar<sup>1</sup> <sup>1</sup>Thomas E. Starzl Transplantation Institute, Dept. of Surgery/University of Pittsburgh, P, PA, USA <sup>2</sup>Division Of Gastroenterology, Hepatology & Nutrition / Dept. of Medicine / University of Pittsburgh, Pittsburgh, P, USA <sup>3</sup>UPMC Liver Cancer Center, Dept. of Surgery/University of Pittsburgh, Pittsburgh, PA, USA <sup>4</sup>Department of Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

**48.09. Outcome of Different Induction Therapies in Living Donor Renal Transplant in Indian Population.** M. K. Lowther<sup>3</sup>, M. Khan<sup>3</sup>, S. Bansal<sup>3</sup>, V. Kher<sup>4</sup>, H. Raja<sup>5</sup>, F. Nwariaku<sup>2</sup>, J. Parekh<sup>2</sup>, B. Tanriover<sup>1</sup>, N. Rajora<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Internal Medicine/ Nephrology, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA <sup>3</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA <sup>4</sup>Medanta, Transplant Nephrology, Gurgaon, Haryana, India <sup>5</sup>Baylor University Medical Center, Internal Medicine, Dallas, TX, USA

**48.10. Hospital Readmissions Following Discharge After Orthotopic Liver Transplantation (OLT).** E. J. Minja<sup>1</sup>, T. L. Pruett<sup>1</sup> <sup>1</sup>University Of Minnesota, Division Of Solid Organ Transplantation, Minneapolis, MN, USA

**48.11. Surgical techniques of concomitant coronary artery bypass grafting and lung transplantation..** M. Hamms<sup>1</sup>, M. A. Kashem<sup>2</sup>, B. O'Murchu<sup>4</sup>, R. Bashir<sup>4</sup>, J. Gomez-Abraham<sup>2</sup>, S. Keshavamurthy<sup>2</sup>, E. Leotta<sup>2</sup>, T. Yoshizumi<sup>2</sup>, K. Shenoy<sup>3</sup>, A. J. Mamary<sup>3</sup>, G. Criner<sup>3</sup>, F. Cordova<sup>3</sup>, Y. Toyoda<sup>2,3</sup> <sup>1</sup>Temple University Hospital, Philadelphia, PA, USA <sup>2</sup>Temple University, Cardiovascular Surgery, Philadelphia, PA, USA <sup>3</sup>Temple University, Division Of Thoracic And Pulmonary Medicine, Philadelphia, PA, USA <sup>4</sup>Temple University, Section Of Cardiology, Philadelphia, PA, USA

**48.12. Pancreas Retransplantation Is Risky For Patients With A History Of Transplant Pancreatectomy.** M. Barrett<sup>1</sup>, Y. Lu<sup>2</sup>, D. M. Cibrik<sup>2</sup>, R. S. Sung<sup>1</sup>, K. J. Woodside<sup>1</sup> <sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Internal Medicine, Ann Arbor, MI, USA

**48.13. ABO Incompatible Renal Transplant Reduces Waitlist Times: Analysis of the UNOS Database (1995-2015).** C. S. Lau<sup>1,2</sup>, K. Malik<sup>2</sup>, S. Mulgaonkar<sup>3</sup>, R. S. Chamberlain<sup>1,2,4</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA <sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada <sup>3</sup>Saint Barnabas Medical Center, Medicine, Livingston, NJ, USA <sup>4</sup>Rutgers University, Surgery, Newark, NEW JERSEY, USA

**48.14. Warming during implantation: an overlooked opportunity for improvement in kidney transplantation?** Y. GoldenMerry<sup>1</sup>, H. Piristine<sup>1</sup>, P. Prabhakar<sup>1</sup>, J. Parekh<sup>1</sup>, C. Hwang<sup>1</sup>, M. MacConmara<sup>1</sup> <sup>1</sup>UT Southwestern Medical Center, Dallas, TX, USA

**48.15. Peritoneal Dialysis is Feasible as a Bridge to Simultaneous Liver-Kidney Transplant.** R. Jones<sup>1</sup>, R. Saxena<sup>2</sup>, C. Hwang<sup>1</sup>, M. MacConmara<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Division Of Surgical Transplantation, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Department Of Internal Medicine, Division Of Nephrology, Dallas, TX, USA

**48.16. Effect of Hospital Safety Net Status on Treatment and Outcomes in Hepatocellular Carcinoma.** A. A. Mokdad<sup>1</sup>, A. G. Singal<sup>2</sup>, J. A. Marrero<sup>2</sup>, A. C. Yopp<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Internal Medicine, Dallas, TX, USA

**48.17. Subcutaneous Granular Cell Tumor: Analysis of 19 Cases Treated at a Dedicated Cancer Center.** A. S. Moten<sup>3</sup>, S. Movva<sup>2</sup>, M. Von Mehren<sup>2</sup>, N. F. Esnaola<sup>1</sup>, S. Reddy<sup>1</sup>, J. M. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Fox Chase Cancer Center, Department Of Hematology/Oncology, Philadelphia, PA, USA <sup>3</sup>Temple University Hospital, Department Of Surgery, Philadelphia, PA, USA

**48.18. Postoperative Complications Associated With Parathyroid Autotransplantation After Thyroidectomy.** Z. F. Khan<sup>1</sup>, G. A. Rubio<sup>1</sup>, A. R. Marcadis<sup>1</sup>, T. M. Vaghaiwalla<sup>1</sup>, J. C. Farra<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Miller School Of Medicine, Division Of Endocrine Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA

**48.19. The True Cost of Recurrent Hepatitis C.** J. Campsen<sup>1</sup>, H. Thiesset<sup>1</sup>, R. Kim<sup>1</sup> <sup>1</sup>University Of Utah, Transplantation And Advanced Hepatobiliary Surgery, Salt Lake City, UT, USA

**48.20. Donor Biliary Anatomy should not be a Contraindication for Right Liver Donation.** K. S. Chok<sup>1</sup>, A. C. Chan<sup>1</sup>, J. W. Dai<sup>1</sup>, J. Y. Fung<sup>2</sup>, T. Cheung<sup>1</sup>, S. Sin<sup>1</sup>, T. Wong<sup>1</sup>, K. Ma<sup>1</sup>, C. Lo<sup>1</sup> <sup>2</sup>The University Of Hong Kong, Division Of Gastroenterology And Hepatology, Department Of Medicine, Hong Kong, NA, Hong Kong <sup>1</sup>The University Of Hong Kong, Division Of HBP Surgery And Liver Transplantation, Department Of Surgery, Hong Kong, NA, Hong Kong

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

**Integrated Quick Shot Presentation Sessions II****49. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - PATIENT CENTERED OUTCOMES 2 QUICKSHOT**

CHOPIN 4

**MODERATORS: Elliott R. Haut, MD & Stephanie L. Nitzschke, MD**

**49.01. Utility of Coagulation and Platelet Function Testing after Traumatic Brain Injury.** D. Shah<sup>2</sup>, D. Hanseman<sup>1</sup>, C. Zammit<sup>3</sup>, T. Pritts<sup>1</sup>, A. Makley<sup>1</sup>, B. Foreman<sup>3</sup>, M. Goodman<sup>1</sup> <sup>1</sup>University Of Cincinnati, Division Of Trauma And Critical Care, Cincinnati, OH, USA <sup>2</sup>University Of Cincinnati, College Of Medicine, Cincinnati, OH, USA <sup>3</sup>University Of Cincinnati, Neurology & Rehabilitation Medicine, Cincinnati, OH, USA

**49.02. Shedding New Light on Spontaneous Rapidly Resolving Traumatic Acute Subdural Hematomas.** M. A. Brooke<sup>1</sup>, F. Castro-Moure<sup>2</sup>, A. K. Patel<sup>2</sup>, G. P. Victorino<sup>1</sup> <sup>2</sup>Highland Hospital, Department Of Surgery, Oakland, CALIFORNIA, USA <sup>1</sup>University Of California - San Francisco East Bay, San Francisco, CA, USA

**49.03. Is Computer Tomography Of The Brain In Mild Traumatic Brain Injury Necessary?.** T. J. Herron<sup>1</sup>, D. M. Davis<sup>1</sup>, L. Rabach<sup>1</sup>, Z. Boucher<sup>1</sup>, D. Ciesla<sup>1</sup> <sup>1</sup>University Of South Florida College Of Medicine, Trauma & Acute Care Surgery/Surgery, Tampa, FL, USA

**49.04. Prealbumin Levels In Critically Ill Patients Correlate With CT-Derived Psoas Muscle Characteristics.** N. T. Ferguson<sup>1</sup>, B. A. Warden<sup>2</sup>, J. L. Thomas<sup>3</sup>, S. P. Stawicki<sup>4</sup> <sup>1</sup>St. Luke's University Health Network, Department Of Medicine, Bethlehem, PENNSYLVANIA, USA <sup>2</sup>Temple University, St. Luke's University Hospital Campus, Bethlehem, PENNSYLVANIA, USA <sup>3</sup>St. Luke's University Health Network, Department Of Radiology, Bethlehem, PENNSYLVANIA, USA <sup>4</sup>St. Luke's University Health Network, Department Of Research & Innovation, Bethlehem, PENNSYLVANIA, USA

**49.05. It's Never Who You Think: Outcomes of Self-Inflicted Gunshot Wounds.** M. C. Smith<sup>1,2</sup>, P. J. Chung<sup>1,2</sup>, V. Roudnitsky<sup>1,2</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>SUNY Downstate Medical Center, Surgery, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Surgery, Brooklyn, NY, USA

**49.06. Risk and Consequences of Acute Kidney Injury in Emergency General Surgery.** A. Briggs<sup>1</sup>, J. M. Havens<sup>1,2</sup>, A. Salim<sup>1,2</sup>, K. B. Christopher<sup>3</sup> <sup>1</sup>Brigham And Women's Hospital, Division Of Trauma, Burn, And Surgical Critical Care, Boston, MA, USA <sup>2</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>3</sup>Brigham And Women's Hospital, The Nathan E. Hellman Memorial Laboratory, Renal Division, Boston, MA, USA

**49.07. Self-Inflicted Penetrating Neck Injuries: a Necessary Trip to the Operating Room .** T. Swartz<sup>1</sup>, A. Azim<sup>1</sup>, K. Ibraheem<sup>1</sup>, A. Tang<sup>1</sup>, T. O'keeffe<sup>1</sup>, G. Vercruysse<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma-Department Of Surgery, Tucson, AZ, USA

**49.08. Self-Inflicted Penetrating Injuries: Challenges To Definitive Psychiatric Care.** E. Wagreich<sup>1</sup>, S. Armen<sup>1</sup>, J. Chandler<sup>1</sup>, R. Staszak<sup>1</sup>, K. Fitzgerald<sup>1</sup>, S. Allen<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Hershey, PA, USA

**49.09. The Golden Hour: When Does the Clock Stop? Emergency Department Length of Stay in Critical Trauma..** A. Siletz<sup>1</sup>, H. Cryer<sup>1</sup>, A. Cheaito<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, General Surgery, Los Angeles, CA, USA

**49.10. End Stage Renal Disease is Associated with Increased Mortality in Perforated Gastroduodenal Ulcers.** D. J. Gross<sup>1</sup>, P. J. Chung<sup>1</sup>, M. C. Smith<sup>1</sup>, V. Roudnitsky<sup>2</sup>, A. E. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Brooklyn, NY, USA

**49.11. Detection of Blunt Bowel and Mesenteric Injury Using Multidetector CT - Are We Getting Better?.** R. Tayim<sup>1</sup>, E. Szymanski<sup>1</sup>, A. Gans<sup>1</sup>, A. Ekeh<sup>1</sup> <sup>1</sup>Wright State University, Surgery, Dayton, OH, USA

**49.12. Geriatric Fracture Patterns and Risk Factors after Falls in the United States.** D. Ang<sup>1,3,4</sup>, H. Liu<sup>1</sup>, M. Ziglar<sup>2</sup>, A. Garcia<sup>1,3,4</sup>, J. Hagan<sup>1,3,4</sup>, J. Farrah<sup>1,3,4</sup>, J. Clark<sup>1,3,4</sup>, J. Hurst<sup>3</sup> <sup>1</sup>Ocala Health, Surgery, Ocala, FL, USA <sup>2</sup>HCA, Nashville, TENNESSEE, USA <sup>3</sup>University Of South Florida, Surgery, Tampa, FL, USA <sup>4</sup>University Of Central Florida, Medicine, Orlando, FL, USA

**49.13. The Aftermath of Firearm Injury: A National Survey of Current Management of Retained Bullets.** R. N. Smith<sup>1</sup>, S. Smith<sup>1</sup>, S. Jacoby<sup>1</sup>, S. Johnson<sup>1</sup>, N. Martin<sup>1</sup>, M. J. Seamon<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Traumatology, Surgical Critical Care And Emergency General Surgery, Philadelphia, PA, USA

**49.14. Is It Safe to Transport Penetrating Trauma Via Helicopter in a Rural State?.** J. W. Greer<sup>1</sup>, K. W. Sexton<sup>1</sup> <sup>1</sup>University Of Arkansas For Medical Sciences, Little Rock, AR, USA

**49.15. Effect of Prehospital Time on Trauma Team Activation and Patient Outcomes in Severe Blunt Trauma.** T. W. Clements<sup>1</sup>, K. Vogt<sup>3</sup>, M. Hameed<sup>2</sup>, N. Parry<sup>3</sup>, A. Kirkpatrick<sup>1</sup>, S. Grondin<sup>1</sup>, E. Dixon<sup>1</sup>, J. Mckee<sup>1</sup>, C. Ball<sup>1</sup> <sup>1</sup>University Of Calgary, Division Of General Surgery, Calgary, AB, Canada <sup>2</sup>University Of British Columbia, Vancouver, British Columbia, Canada <sup>3</sup>Western University, London, ONTARIO, Canada <sup>4</sup>University Of Calgary - Cumming School Of Medicine, Calgary, AB - ALBERTA, Canada

**49.16. Polypharmacy Among Elderly Drivers: An Epidemic Exacerbated By Trauma.** A. Lauria<sup>1</sup>, S. Armen<sup>1</sup>, K. Fitzgerald<sup>1</sup>, J. Chandler<sup>1</sup>, R. Staszak<sup>1</sup>, S. Allen<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Hershey, PA, USA

**49.18. Preoperative Decontamination to Reduce Infections in Elective and Emergent Lower Extremity Repairs.** D. S. Urias<sup>1</sup>, S. Morrissey<sup>1</sup>, R. Dumire<sup>1</sup> <sup>1</sup>Conemaugh Memorial Medical Center, Johnstown, PA, USA

**49.19. High Flow Nasal Cannula with Extubation of Critically Ill Surgical Patients.** E. J. Smith<sup>1</sup>, N. K. Dhillon<sup>1</sup>, A. Ko<sup>1</sup>, M. Y. Harada<sup>1</sup>, T. Li<sup>1</sup>, R. Liang<sup>1</sup>, G. Barmparas<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA

**49.20. Abdominal Heterotopic Ossification Following Damage Control Laparotomy: A 6-Year Experience.** Y. Wang<sup>1</sup>, A. Stanek<sup>1</sup>, J. Grushka<sup>1</sup>, P. Fata<sup>1</sup>, A. Beckett<sup>1</sup>, K. Khwaja<sup>1</sup>, T. Razek<sup>1</sup>, D. Deckelbaum<sup>1</sup> <sup>1</sup>McGill University, Trauma Surgery, Montreal, QC, Canada

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 50. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - PATIENT CENTERED OUTCOMES 3 QUICKSHOT

DEBUSSY 1

#### MODERATORS: Ali Cheaito, MD & Eric B. Schneider, PhD

##### 50.01. Early Brain Death Results In Greater Organ Donor

**Potential?** S. Resnick<sup>1</sup>, M. J. Seamon<sup>1</sup>, D. Holena<sup>1</sup>, J. L. Pascual<sup>1</sup>, P. M. Reilly<sup>1</sup>, N. D. Martin<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Philadelphia, PA, USA

##### 50.02. The Title Matters: Trauma Center Designation Improves

**Outcomes For Patients With Hip Fractures.** A. V. Jambhekar<sup>1</sup>, R. Lindborg<sup>1</sup>, V. Chan<sup>1</sup>, B. Fahoum<sup>1</sup>, J. Rucinski<sup>1</sup> <sup>1</sup>New York Methodist Hospital, Brooklyn, NY, USA

##### 50.03. Complications of Operative vs Non-Operative Manage-

**ment of Blunt AAST IV-V Liver Injuries.** R. J. Miskimins<sup>1</sup>, A. Greenbaum<sup>1</sup>, P. Kilen<sup>2</sup>, S. D. West<sup>1</sup>, S. W. Lu<sup>1</sup> <sup>1</sup>University Of New Mexico HSC, Department Of Surgery, Albuquerque, NM, USA <sup>2</sup>University Of New Mexico HSC, School Of Medicine, Albuquerque, NM, USA

##### 50.04. Role of Computed Tomography as Screening in Pediatric

**Head Trauma by Hospital Type.** H. Naseem<sup>1</sup>, A. Train<sup>1</sup>, S. Baek<sup>2</sup>, T. Zhuang<sup>3</sup>, K. Bass<sup>1,4</sup> <sup>1</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA <sup>2</sup>State University Of New York At Buffalo, Department Of Urban And Regional Planning, School Of Architecture And Planning, Buffalo, NY, USA <sup>3</sup>State University Of New York At Buffalo, Department Of Biostatistics, Buffalo, NY, USA <sup>4</sup>State University Of New York At Buffalo, Department Of Surgery, Jacobs School Of Medicine And Biomedical Sciences, Buffalo, NY, USA

##### 50.05. The utility of pre-sacral drainage in penetrating rectal

**injuries in adult and pediatric patients.** K. B. Savoie<sup>1,5</sup>, T. M. Beazley<sup>3</sup>, B. Cleveland<sup>2</sup>, S. Khaneki<sup>4</sup>, T. Markel<sup>4</sup>, P. Hammer<sup>6</sup>, S. Savage<sup>6</sup>, R. F. Williams<sup>5</sup> <sup>1</sup>University Of Tennessee Health Science Center, Department Of Surgery, Memphis, TN, USA <sup>2</sup>Indiana University, School Of Medicine, Indianapolis, IN, USA <sup>3</sup>University Of Tennessee Health Science Center, School Of Medicine, Memphis, TN, USA <sup>4</sup>Indiana University Health, Riley Hospital For Children, Division Of Pediatric Surgery, Indianapolis, IN, USA <sup>5</sup>University Of Tennessee Health Science Center, Le Bonheur Children's Hospital, Division Of Surgery And Pediatrics, Memphis, TN, USA <sup>6</sup>Indiana University Health, Methodist Hospital, Division Of Trauma Surgery, Indianapolis, IN, USA

##### 50.06. SNAP-CHAT: Survivor Needs Assessment Project...Let

**Them Talk!** E. K. Grill<sup>1</sup>, E. Hall<sup>1</sup>, F. Grissom<sup>1</sup>, M. Mcunn<sup>1</sup> <sup>1</sup>University Of Maryland School Of Medicine, Trauma And Critical Care/ Anesthesiology/ R. Adams Cowley Shock Trauma Center, Baltimore, MD, USA

##### 50.07. Emergency General Surgeon Management of Complex

**Hepatopancreatobiliary Trauma at a Level I Trauma Center.** P. Kilen<sup>2</sup>, A. Greenbaum<sup>1</sup>, R. Miskimins<sup>1</sup>, R. Preda<sup>1</sup>, T. Howdieshell<sup>1</sup>, S. Lu<sup>1</sup>, S. West<sup>1</sup> <sup>1</sup>University Of New Mexico HSC, Surgery, Albuquerque, NM, USA <sup>2</sup>University Of New Mexico HSC, School Of Medicine, Albuquerque, NM, USA

##### 50.08. Incidence of Acute Kidney Injury in Patients with Minor

**Injury: Still Blame Intravenous Contrast?** K. Matsushima<sup>1</sup>, J. Cho<sup>1</sup>, M. Luttio<sup>1</sup>, A. Strumwasser<sup>1</sup>, K. Inaba<sup>1</sup>, D. Demetriades<sup>1</sup> <sup>1</sup>University Of Southern California, Los Angeles, CA, USA

##### 50.10. Validity of the Braden Scale in Grading Pressure Ulcers

**in Trauma and Burn Patients.** L. H. Griswold<sup>4</sup>, R. L. Griffin<sup>3</sup>, T. Swain<sup>1</sup>, J. Kerby<sup>2</sup> <sup>2</sup>University Of Alabama, Acute Care Surgery, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama, Epidemiology, Birmingham, Alabama, USA <sup>4</sup>University Of Alabama, School Of Medicine, Birmingham, Alabama, USA <sup>1</sup>University Of Alabama, Trauma, Burns And Surgical Critical Care, Birmingham, Alabama, USA

##### 50.11. Nonoperative Management of Penetrating Solid Organ

**Injuries in Pediatric Patients: a NTDB Study.** A. De Roulet<sup>1</sup>, K. Matsushima<sup>1</sup>, K. Beetham<sup>1</sup>, K. Inaba<sup>1</sup>, D. Demetriades<sup>1</sup> <sup>1</sup>University Of Southern California, Division Of Acute Care Surgery, Los Angeles, CA, USA

##### 50.12. Patient and System Variability Impact Outcomes in

**Emergency General Surgery: A Qualitative Analysis.** A. Columbus<sup>1</sup>, E. Lilley<sup>1</sup>, A. Harlow<sup>1</sup>, M. Morris<sup>2</sup>, A. Haider<sup>1,3</sup>, A. Salim<sup>1,3</sup>, J. Havens<sup>1,3</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>University Of Colorado Denver, Aurora, CO, USA <sup>3</sup>Brigham And Women's Hospital, Division Of Trauma, Burn, And Surgical Critical Care, Boston, MA, USA

##### 50.13. End-Stage Renal Disease Increases Mortality in Falls

**with Rib Fractures.** M. Kwak<sup>1</sup>, P. J. Chung<sup>1</sup>, M. C. Smith<sup>1</sup>, V. Roudnitsky<sup>2</sup>, A. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Department Of Acute Care Surgery/ Trauma, Brooklyn, NY, USA

##### 50.14. Traumatic Rib Cage Hernias: Management, Outcomes,

**and a Proposed New Classification System.** J. Kuckelman<sup>1</sup>, M. Lallemand<sup>1</sup>, M. Martin<sup>1</sup>, R. Karmy-Jones<sup>2</sup>, E. Windell<sup>2</sup>, S. Izenberg<sup>2</sup>, W. Long<sup>2</sup> <sup>2</sup>Legacy Good Samaritan Medical Center, Trauma, Portland, OR, USA <sup>1</sup>Madigan Army Medical Center, General Surgery, Tacoma, WA, USA

##### 50.15. Number of Rib Fractures Does Not Predict Outcomes

**in a Modern Population of Trauma Patients.** R. Guyer<sup>1,2</sup>, B. Dennis<sup>2</sup>, O. Gunter<sup>2</sup>, O. Guillaumondegui<sup>2</sup> <sup>1</sup>Massachusetts General Hospital, Boston, MA, USA <sup>2</sup>Vanderbilt University Medical Center, Nashville, TN, USA

##### 50.16. Pediatric Perineal Trauma: A Ten-Year Retrospective

**Review.** J. J. Lopez<sup>1</sup>, L. Kelley-Quon<sup>1</sup>, A. Kerlek<sup>3</sup>, M. Luken<sup>3</sup>, K. McCracken<sup>2</sup>, R. Thakkar<sup>1</sup>, B. Nwomeh<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Department Of Pediatric Surgery, Columbus, OH, USA <sup>2</sup>Nationwide Children's Hospital, Department Of Pediatric And Adolescent Gynecology, Columbus, OH, USA <sup>3</sup>Nationwide Children's Hospital, Center For Family Safety And Healing, Columbus, OH, USA

##### 50.17. Poor Compliance With 8-Week Boosters After Trauma

**Splenectomy: An Opportunity For Improvement.** A. R. Alvarado<sup>1</sup>, K. F. Udobi<sup>1</sup>, S. D. Berry<sup>1</sup>, K. K. Assmann<sup>1</sup>, T. McDonald<sup>1</sup>, J. M. Howard<sup>1</sup>, A. W. Bennett<sup>1</sup>, M. Moncure<sup>1</sup>, J. Green<sup>1</sup>, R. D. Winfield<sup>1</sup> <sup>1</sup>University Of Kansas, Surgery Trauma/Critical Care & Acute Surgery Division, Kansas City, KS, USA

##### 50.18. The Effect of Dual Antiplatelet Therapy on Intracranial

**Hemorrhage.** M. Choi<sup>1</sup>, N. K. Dhillon<sup>1</sup>, E. J. Smith<sup>1</sup>, R. C. Kulus<sup>1</sup>, D. Polevoi<sup>1</sup>, N. Linaval<sup>1</sup>, G. Barmparas<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA

##### 50.19. A Comparison of Outcomes between Pediatric and Adult

**Patients with Traumatic Pancreatic Injuries.** T. Iurcotta<sup>1,2</sup>, P. Addison<sup>1,2</sup>, L. Amodu<sup>1</sup>, M. Ackerman<sup>3</sup>, D. Galvin<sup>1</sup>, A. Glazer<sup>1</sup>, N. Christopherson<sup>1</sup>, J. Prince<sup>1</sup>, M. Bank<sup>1</sup>, C. Sorrentino<sup>1</sup>, J. Nicastro<sup>1,2</sup>, G. F. Coppa<sup>1,2</sup>, E. Molmenti<sup>1,2</sup>, H. L. Rodriguez Rilo<sup>1,2</sup> <sup>3</sup>Feinstein Institute For Medical Research, Department Of Biostatistics, Manhasset, NY, USA <sup>1</sup>Hofstra Northwell School Of Medicine, Department Of Surgery, Hempstead, NY, USA <sup>2</sup>Northwell Health System, Pancreas Disease Center, Manhasset, NY, USA

##### 50.20. Impact of Genitourinary Trauma on Mortality and

**Post-Traumatic Infections.** J. G. Tyburski<sup>1,2</sup>, H. S. Dolman<sup>1,2</sup>, W. Zimmerman<sup>2</sup>, L. Hall Zimmerman<sup>2</sup>, A. E. Baylor<sup>1,2</sup>, T. T. Lavery<sup>1,2</sup>, J. Ciullo<sup>1</sup>, R. F. Wilson<sup>1,2</sup> <sup>1</sup>Wayne State University, Surgery, Detroit, MI, USA <sup>2</sup>Detroit Medical Center, Detroit, MI, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

**Integrated Quick Shot Presentation Sessions II****51. CLINICAL/OUTCOMES: GENERAL SURGERY - DISPARITIES AND ACCESS TO CARE QUICKSHOT**

DEBUSSY 2

**MODERATORS: Elizabeth Wick, MD & Mallory Williams, MD, MPH**

- 51.01. Spatial analysis of surgery service areas in Virginia.** A. Diaz<sup>1</sup>, A. B. Haynes<sup>2,3</sup> <sup>1</sup>Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA <sup>2</sup>Massachusetts General Hospital, Department of Surgery, Boston, MA, USA <sup>3</sup>Ariadne Labs, Boston, MA, USA
- 51.02. Disparities in Thyroidectomy Outcomes at a Public and Private Hospital: Leveling the Playing Field.** E. A. Aloré<sup>1</sup>, S. Molavi<sup>1</sup>, C. J. Balentine<sup>2,3</sup>, J. W. Suliburk<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA <sup>2</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama at Birmingham, Institute For Cancer Outcomes And Survivorship, Birmingham, Alabama, USA
- 51.03. Variations in Bariatric Surgery Outcomes by Socioeconomic Status Among African-American Patients.** M. Pichardo<sup>1</sup>, G. Ortega<sup>2</sup>, L. Bacon<sup>1</sup>, I. Yi<sup>1</sup>, C. Emenari<sup>1</sup>, N. Changoor<sup>3</sup>, D. Tapscoff<sup>1</sup>, D. Tran<sup>3</sup>, T. Fullum<sup>3</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA <sup>2</sup>Howard University College Of Medicine, Outcomes Research Center, Department Of Surgery, Washington, DC, USA <sup>3</sup>Howard University College Of Medicine, Howard University Hospital, Department Of Surgery, Washington, DC, USA
- 51.04. Improved Surgical Outcomes and Disparities for Asian-Americans with Colorectal Cancer.** K. C. Mulhern<sup>1</sup>, A. A. Gullick<sup>1</sup>, L. Goss<sup>1</sup>, J. Richman<sup>1</sup>, G. D. Kennedy<sup>1</sup>, H. Chen<sup>1</sup>, M. S. Morris<sup>1</sup>, D. I. Chu<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Division Of Gastrointestinal Surgery, Birmingham, Alabama, USA
- 51.05. Black Race and Lack of Insurance are Associated with Increased Risk of Urgent Resection for Colon Cancer.** M. C. Turner<sup>1</sup>, Z. Sun<sup>1</sup>, M. L. Cox<sup>1</sup>, M. A. Adam<sup>1</sup>, B. F. Gilmore<sup>1</sup>, C. R. Mantyh<sup>1</sup>, J. Migaly<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NORTH CAROLINA, USA
- 51.06. Assessing Racial And Socio-economic Disparities In Bariatric Surgery: The Impact On Patient Outcomes?.** V. Pandit<sup>1</sup>, A. Azim<sup>1</sup>, I. Ghaderi<sup>1</sup>, C. A. Galvani<sup>1</sup> <sup>1</sup>University Of Arizona, Department Of Surgery, Tucson, AZ, USA
- 51.07. Racial Disparities in Length-of-Stay for African-Americans with Metastatic Colorectal Cancer.** L. Goss<sup>1,2</sup>, A. Gullick<sup>1,2</sup>, M. Morris<sup>1,2</sup>, J. Richman<sup>1,2</sup>, G. Kennedy<sup>1,2</sup>, D. Chu<sup>1,2</sup> <sup>1</sup>University Of Alabama at Birmingham, GI Surgery, Birmingham, Alabama, USA <sup>2</sup>VA Birmingham HealthCare System, Surgery, Birmingham, AL, USA
- 51.08. Racial Disparities in Surgical Care after Parathyroidectomy.** S. Jang<sup>1</sup>, C. J. Balentine<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA
- 51.09. Severe Presentation in Surgically Treated Colorectal Cancer Patients with Psychiatric Disease .** K. F. Angell<sup>1</sup>, V. P. Ho<sup>1</sup>, N. K. Schiltz<sup>2</sup>, A. P. Reimer<sup>3</sup>, E. Madigan<sup>3</sup>, S. R. Steele<sup>1</sup>, S. M. Koroukian<sup>2</sup> <sup>1</sup>Case Western Reserve University School Of Medicine, Department Of Surgery, Cleveland, OH, USA <sup>2</sup>Case Western Reserve University School Of Medicine, Department Of Epidemiology And Biostatistics, Cleveland, OH, USA <sup>3</sup>Case Western Reserve University School Of Medicine, Frances Payne Bolton School Of Nursing, Cleveland, OH, USA
- 51.10. Racial Disparities in Surgical Outcomes Persist in Emergency General Surgery.** M. D. Giglia<sup>1</sup>, A. A. Gullick<sup>1</sup>, P. L. Bosarge<sup>2</sup>, J. D. Kerby<sup>2</sup>, D. I. Chu<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Gastrointestinal Surgery, Birmingham, AL, USA <sup>2</sup>University Of Alabama At Birmingham, Acute Care Surgery, Birmingham, AL, USA
- 51.11. Regional Variations in Cost and Outcomes of Appendicitis in the United States.** R. P. Won<sup>1</sup>, S. Friedlander<sup>1</sup>, Y. Lu<sup>1</sup>, S. L. Lee<sup>1</sup> <sup>1</sup>Harbor-UCLA Medical Center, Surgery And Pediatrics, Torrance, CA, USA
- 51.12. Uncovering Temporal Disparities in Outcomes for Patients Undergoing Elective, Weekend Surgery.** S. P. Nassoï<sup>1</sup>, B. A. Blanco<sup>1</sup>, E. M. Grindstaff<sup>1</sup>, Y. Azure<sup>1</sup>, P. C. Kuo<sup>1</sup>, A. N. Kothari<sup>1</sup> <sup>1</sup>Loyola University Medical Center, Maywood, IL, USA
- 51.13. Socioeconomic Disparities Among Bariatric Surgery Patients.** U. Deonarine<sup>5</sup>, G. Ortega<sup>1</sup>, C. K. Zogg<sup>3</sup>, R. Altafi<sup>6</sup>, D. J. Taghipour<sup>6</sup>, N. Changoor<sup>2</sup>, D. D. Tran<sup>2</sup>, E. E. Cornwell<sup>2</sup>, T. M. Fullum<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Division Of Minimally Invasive Surgery/ Department Of Surgery/ Howard University College Of Medicine, Washington, DC, USA <sup>2</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA <sup>3</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>4</sup>Howard University College Of Medicine, Washington, DC, USA <sup>5</sup>Howard University College Of Medicine, Department Of Medicine, Washington, DC, USA <sup>6</sup>Howard University College Of Medicine, Outcomes Research Center, Department Of Surgery, Washington, DC, USA
- 51.14. Optimizing Colorectal Outcomes: Does Surgeon Specialty play a role?.** Y. Alimi<sup>1</sup>, A. Asemota<sup>1</sup>, R. Stone<sup>3</sup>, B. Safar<sup>1</sup>, S. Fang<sup>1</sup>, S. Gearhart<sup>1</sup>, J. Efron<sup>1</sup>, E. Wick<sup>2</sup> <sup>3</sup>Johns Hopkins University, Department Of Obstetrics And Gynecology, Baltimore, MD, USA <sup>1</sup>Johns Hopkins University, Department Of Surgery, Baltimore, Maryland, USA <sup>2</sup>UCSF, Department Of Surgery, San Francisco, California, USA
- 51.15. Regional Variation in Laparoscopic Resection For Diverticulitis in Academic and Non-Academic Centers.** A. Talukder<sup>1</sup>, P. Martinez<sup>1</sup>, J. McKenzie<sup>1</sup>, R. Lassiter<sup>1</sup>, C. White<sup>1</sup>, D. Albo<sup>1</sup> <sup>1</sup>Medical College Of Georgia, Department Of Surgery, Augusta, GA, USA
- 51.16. Emergent Presentations of Colorectal Cancer in At Risk Populations: A Safety Net Hospital Experience.** N. Ullman<sup>1</sup>, O. Prela<sup>1</sup>, P. Chung<sup>1</sup>, M. Smith<sup>1</sup>, R. Zhu<sup>1</sup>, H. Talus<sup>2</sup>, A. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>SUNY Downstate College Of Medicine, General Surgery, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Surgery, Brooklyn, NY, USA
- 51.17. 30 States Physician Workforce Adversely Affected by Low Number of In-State Residencies and Residents.** L. Chodroff<sup>1</sup>, W. H. Schwesinger<sup>1</sup>, R. E. Willis<sup>1</sup>, K. Sirinek<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At San Antonio, General Surgery/Surgery, San Antonio, TX, USA
- 51.18. Socioeconomic Factors Impact Receipt of Chemotherapy and Survival in Stage II Colon Cancer.** K. M. Ramonell<sup>1</sup>, W. Liang<sup>2</sup>, Y. Liu<sup>2</sup>, T. Gillespie<sup>1</sup>, V. O. Shaffer<sup>1</sup> <sup>2</sup>Emory University Rollins School Of Public Health, Department Of Biostatistics, Atlanta, GA, USA <sup>1</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA
- 51.19. Socioeconomic Disparities Affect Survival in Malignant Ovarian Germ Cell Tumors in AYA Population.** L. V. Bownes<sup>1</sup>, I. I. Maizlin<sup>1</sup>, K. Gow<sup>2</sup>, M. Langer<sup>5</sup>, M. Goldfarb<sup>3</sup>, M. Raval<sup>7</sup>, J. Doski<sup>6</sup>, A. Goldin<sup>2</sup>, J. Nuchtern<sup>4</sup>, S. Vasudevan<sup>4</sup>, E. A. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Division Of Pediatric Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Washington, Seattle, WA, USA <sup>3</sup>Providence Saint John's Health Center, Santa Monica, CA, USA <sup>4</sup>Baylor College Of Medicine, Houston, TX, USA <sup>5</sup>Maine Medical Center, Portland, ME, USA <sup>6</sup>University Of Texas Health Science Center At San Antonio, San Antonio, TX, USA <sup>7</sup>Emory University School Of Medicine, Atlanta, GA, USA
- 51.20. Effects of Education and Health Literacy on Post-Operative Outcomes in Bariatric Surgery.** S. Mahoney<sup>2</sup>, D. Tawfik-Sexton<sup>1</sup>, P. Strassle<sup>3</sup>, T. Farrell<sup>1</sup>, M. Duke<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Division Of Gastrointestinal Surgery, Chapel Hill, NC, USA <sup>2</sup>University Of North Carolina At Chapel Hill, Dept. Of Surgery, Chapel Hill, NC, USA <sup>3</sup>University Of North Carolina At Chapel Hill, Gillings School Of Global Public Health, Department Of Epidemiology, Chapel Hill, NC, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 52. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 3 QUICKSHOT

ENCORE BALLROOM 1

**MODERATORS: Imran Hassan, MD & Nelya Melnitchouk, MD, MSc**

**52.01. Morbidity and mortality for patients with sinistral portal hypertension undergoing splenectomy.** M. Neuwirth<sup>1</sup>, A. J. Sinnamon<sup>1</sup>, R. R. Kelz<sup>1</sup>, G. C. Karakousis<sup>1</sup>, M. K. Lee<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

**52.02. Incisional Hernia Risk after Prophylactic Mesh Augmentation: A Systematic Review and Meta-Analysis .** S. Shakir<sup>1</sup>, Z. Borab<sup>2</sup>, M. A. Lanni<sup>1</sup>, M. G. Tecce<sup>1</sup>, J. MacDonald<sup>3</sup>, W. W. Hope<sup>4</sup>, J. M. Weissler<sup>1</sup>, M. J. Carney<sup>1</sup>, J. P. Fischer<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Plastic Surgery, Philadelphia, PA, USA <sup>2</sup>Drexel University College Of Medicine, Philadelphia, Pa, USA <sup>3</sup>University Of Western Ontario, London, ONTARIO, Canada <sup>4</sup>New Hanover Regional Medical Center, Surgery, Wilmington, NC, USA

**52.03. Trends in Utilizing Laparoscopic Colorectal Surgery Over Time in 2005-2014 Using the NSQIP Database.** C. M. Hambleton Davis<sup>1,2</sup>, B. A. Shirkey<sup>3</sup>, L. W. Moore<sup>1</sup>, H. R. Bailey<sup>1</sup>, X. L. Du<sup>2</sup>, M. V. Cusick<sup>1</sup> <sup>1</sup>Houston Methodist Hospital, Department Of Surgery, Houston, TX, USA <sup>2</sup>The University Of Texas School Of Public Health, Department Of Epidemiology, Houston, TX, USA <sup>3</sup>Oxford University, Oxford Clinical Trials Research Unit / Centre For Statistics In Medicine, NDORMS, Oxford, , United Kingdom

**52.04. Laparoscopic Partial Colectomy Reduces Length of Stay and Mortality in Patients with Ascites.** D. T. Asuzu<sup>1</sup>, K. Y. Pei<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA

**52.05. Age is not associated with Readmission in Patients Undergoing Pancreatectomy or Colectomy Procedures.** M. N. Mustian<sup>1</sup>, L. E. Goss<sup>1</sup>, D. Chu<sup>1</sup>, L. Theiss<sup>1</sup>, J. Christein<sup>1</sup>, C. Balentine<sup>1</sup>, M. S. Morris<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Surgery, Birmingham, AL, USA

**52.06. Prophylactic Antibiotic Use in Outpatient Anorectal Surgery for HIV Patients.** S. A. Patel<sup>1</sup>, R. J. Kucejko<sup>1</sup>, J. L. Poggio<sup>1</sup> <sup>1</sup>Drexel University College Of Medicine, Philadelphia, Pa, USA

**52.07. The role of simultaneous cystgastrostomy and necrosectomy for walled off pancreatic necrosis.** M. R. Driedger<sup>1</sup>, F. R. Sutherland<sup>1</sup>, E. Dixon<sup>1</sup>, S. Gregg<sup>1</sup>, N. Zyromski<sup>2</sup>, C. G. Ball<sup>1</sup> <sup>1</sup>University Of Calgary, General Surgery, Calgary, AB, Canada <sup>2</sup>Indiana University School Of Medicine, Indianapolis, IN, USA

**52.08. Practical Adherence to the Step-Up Approach for Pancreatic Necrosis: An Institutional Review .** V. Tam<sup>1</sup>, C. Umapathy<sup>4</sup>, M. Zenati<sup>3</sup>, S. Downs-Canner<sup>3</sup>, B. A. Boone<sup>1</sup>, J. Steve<sup>1</sup>, A. Zureikat<sup>1</sup>, K. K. Lee<sup>1</sup>, H. Zeh<sup>1</sup>, D. Yadav<sup>2</sup>, M. E. Hogg<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgical Oncology, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, Gastroenterology, Hepatology And Nutrition, Pittsburgh, PA, USA <sup>3</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>4</sup>University Of Pittsburgh, General Internal Medicine, Pittsburgh, PA, USA

**52.09. Risk Factor and Outcome Analysis of Patients with Bethesda Category III (AUS/FLUS) Thyroid Nodules.** W. Ouyang<sup>1</sup>, O. Picado Roque<sup>1</sup>, S. Liu<sup>1</sup>, R. Teo<sup>1</sup>, A. Franco<sup>1</sup>, M. Gunder<sup>1</sup>, P. P. Parikh<sup>1</sup>, J. C. Farrá<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Endocrine Surgery, Miami, FL, USA

**52.10. A Prospective Study on Quality of Life after Laparoscopic and Open Inguinal Hernia Repairs.** J. Horwitz<sup>1</sup>, F. Burbano<sup>1</sup>, R. Lingnurkar<sup>2</sup>, C. M. Divino<sup>1</sup> <sup>1</sup>Icahn School Of Medicine At Mount Sinai, Department Of Surgery, New York, NEW YORK, USA <sup>2</sup>Central Michigan University College Of Medicine, Mount Pleasant, MICHIGAN, USA

**52.11. A Comparative Study Of Two Parathyroid Hormone Assays In Primary Hyperparathyroidism Patients.** S. Joglekar<sup>1</sup>, J. C. Lee<sup>1,2</sup>, J. Serpell<sup>1,2</sup>, H. Schneider<sup>3</sup> <sup>1</sup>The Alfred Hospital, Department Of General Surgery, Melbourne, VICTORIA, Australia <sup>2</sup>Monash University, Endocrine Surgery Unit, Melbourne, VICTORIA, Australia <sup>3</sup>The Alfred Hospital, Department Of Pathology (Clinical Biochemistry), Melbourne, VICTORIA, Australia

**52.12. Pre-Admission Frailty Predicts Post-Discharge Adverse Events in Acute Care Surgery Patients.** Y. Li<sup>1</sup>, J. L. Pederson<sup>1</sup>, T. A. Churchill<sup>1</sup>, A. S. Wagg<sup>2,5</sup>, J. S. Holroyd-Leduc<sup>3,5</sup>, K. Alagiakrishnan<sup>2,5</sup>, R. S. Padwal<sup>2,6</sup>, R. G. Khadaroo<sup>1,4</sup> <sup>1</sup>University Of Alberta, Department Of Surgery, Edmonton, AB, Canada <sup>2</sup>University Of Alberta, Department Of Medicine, Edmonton, AB, Canada <sup>3</sup>University Of Calgary, Department Of Medicine And Community Health Sciences, Calgary, AB, Canada <sup>4</sup>University Of Alberta, Department Of Critical Care Medicine, Edmonton, AB, Canada <sup>5</sup>Alberta Seniors Health Strategic Clinical Network, Calgary, AB, Canada <sup>6</sup>Alberta Diabetes Institute, Edmonton, AB, Canada

**52.13. Outcomes of Neoadjuvant Therapy in Stage III Rectal Cancer.** A. M. Dinaux<sup>1,2</sup>, R. Amri<sup>1,2</sup>, L. Bordeianou<sup>1,2</sup>, H. Kunitake<sup>1,2</sup>, D. L. Berger<sup>1,2</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA <sup>2</sup>Harvard School Of Medicine, Surgery, Brookline, MA, USA

**52.14. Quality of Life Assessment Before and After Ventral and Umbilical Hernia Repairs, a Prospective Study.** S. L. Whitney<sup>1</sup>, M. Simhon<sup>1</sup>, C. Divino<sup>1</sup> <sup>1</sup>Mount Sinai School Of Medicine, Surgery, New York, NY, USA

**52.15. Is there a Gender Disparity for Diabetes Remission after Bariatric Surgery?.** K. Shpanskaya<sup>1</sup>, H. Khoury<sup>1</sup>, H. Rivas<sup>1</sup>, J. Morton<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA

**52.16. Minimally Invasive Surgery For HCC: Comparison Of Laparoscopic And Robotic Approach.** P. Magistri<sup>1,2</sup>, G. Tarantino<sup>1</sup>, G. Assirati<sup>1</sup>, T. Olivieri<sup>1</sup>, V. Serra<sup>1</sup>, N. De Ruvo<sup>1</sup>, R. Ballarin<sup>1</sup>, F. Di Benedetto<sup>1</sup> <sup>1</sup>University Of Modena And Reggio Emilia, Hepato-Pancreato-Biliary Surgery And Liver Transplantation Unit, Modena, MO, Italy <sup>2</sup>Sapienza - University Of Rome, Medical And Surgical Sciences And Translational Medicine, Rome, RM, Italy

**52.17. Preoperative Opioid Abuse: Implications for Outcomes Following Low Risk Elective Surgery.** A. N. Cobb<sup>1,2</sup>, A. Kothari<sup>1,2</sup>, S. Brownlee<sup>2</sup>, P. Kuo<sup>1,2</sup> <sup>1</sup>Loyola University Medical Center, Department Of Surgery, Maywood, IL, USA <sup>2</sup>Loyola University Medical Center, One:MAP Division Of Clinical Informatics And Analytics, Maywood, IL, USA

**52.18. Implementation and Outcomes of an ERAS Protocol for Abdominal Wall Reconstruction.** E. Stearns<sup>1</sup>, M. A. Plymale<sup>1</sup>, D. L. Davenport<sup>2</sup>, C. Totten<sup>1</sup>, S. Carmichael<sup>1</sup>, C. Tancula<sup>1</sup>, J. S. Roth<sup>1</sup> <sup>1</sup>University Of Kentucky, General Surgery/Surgery/Medicine, Lexington, KY, USA <sup>2</sup>University Of Kentucky, Surgery/Medicine, Lexington, KY, USA

**52.19. Predictors Of Emergent Operation For Diverticulitis.** B. L. Corey<sup>1,2</sup>, L. Goss<sup>1,2</sup>, A. Gullick<sup>1,2</sup>, M. Morris<sup>1,2</sup>, D. Chu<sup>1,2</sup>, J. Grams<sup>1,2</sup> <sup>1</sup>University Of Alabama At Birmingham, Surgery, Birmingham, ALABAMA, USA <sup>2</sup>Birmingham Veteran's Affairs Medical Center, Surgery, Birmingham, ALABAMA, USA

2:30 PM - 4:30 PM

**Integrated Quick Shot Presentation Sessions II****53. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 4 QUICKSHOT**

ENCORE BALLROOM 3

**MODERATORS: Kaitlyn J. Kelly, MD & Benjamin K. Poulouse, MD**

- 53.01. Moderately Severe Acute Pancreatitis: Value and Impact of Revised Atlanta Criteria 2012.** A. K. Gulla<sup>1</sup>, Z. Dambraszkas<sup>2</sup>, Z. Dambraszkas<sup>2</sup> <sup>1</sup>Georgetown University Medical Center, Department Of Surgery, Washington, DC, USA <sup>2</sup>Lithuanian University Of Health Sciences, Department Of Surgery, Kaunas, KAUNAS, Lithuania
- 53.02. Continuous Local Anaesthetic Wound Infusion for midline Laparotomy: A Systematic review.** B. Kakala<sup>1,2</sup>, Z. Y. Yeh<sup>2</sup> <sup>1</sup>University Of Sydney, General Surgery, Sydney, NSW, Australia <sup>2</sup>Blacktown Hospital, General Surgery, Sydney, NSW, Australia
- 53.03. Biologic Versus Synthetic Absorbable Mesh in Complex Ventral Hernia Repair.** K. Yuen<sup>1</sup>, S. Millikan<sup>1</sup>, J. Smolevitz<sup>1</sup>, M. Thaqi<sup>2</sup>, R. A. Jacobson<sup>1</sup>, K. W. Millikan<sup>1</sup> <sup>1</sup>Rush University Medical Center, Department Of General Surgery, Chicago, IL, USA <sup>2</sup>University Of Missouri, Department Of Surgery, Columbia, MO, USA
- 53.04. Standardized Negative Pressure Wound Therapy Decreases Days of Vac Use in Acute Care Surgery.** M. J. Forestiere<sup>1</sup>, R. C. Frazee<sup>1</sup>, C. L. Isbell<sup>1</sup>, T. S. Isbell<sup>1</sup>, R. W. Smith<sup>1</sup>, S. W. Abernathy<sup>1</sup>, Y. Munoz-Maldonado<sup>1</sup>, J. L. Regner<sup>1</sup> <sup>1</sup>Scott & White Healthcare, General Surgery, Temple, Texas, USA
- 53.05. Laparoscopic Surgery for Emergency Colorectal Surgery: Less Morbidity and Shorter Length of Stay.** M. Sanghvi<sup>1</sup>, A. A. Maung<sup>1</sup>, K. A. Davis<sup>1</sup>, K. M. Schuster<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA
- 53.06. The ACS-NSQIP Risk Calculator Is Less Accurate For Emergent Than Elective Colorectal Operations.** A. L. Lubitz<sup>1</sup>, E. Chan<sup>1</sup>, D. Zarif<sup>1</sup>, M. Philp<sup>1</sup>, H. Ross<sup>1</sup>, A. Goldberg<sup>1</sup>, H. Pitt<sup>1</sup> <sup>1</sup>Temple University, Philadelphia, PA, USA
- 53.07. Incidence of Metastatic Micropapillary Thyroid Carcinoma.** M. Bosley<sup>1</sup>, C. Cox<sup>1</sup>, M. Jones<sup>1</sup>, D. Carneiro-Pla<sup>1</sup> <sup>1</sup>MUSC, Oncologic And Endocrine Surgery/Department Of Surgery, Charleston, SC, USA
- 53.08. Have sphincter-sparing anal fistula repair outcomes improved over time?** J. Sugrue<sup>1</sup>, S. Eftaiha<sup>1</sup>, C. Warner<sup>1</sup>, S. Thomas<sup>1</sup>, V. Chaudhry<sup>1</sup>, H. Abcarian<sup>1</sup>, A. Mellgren<sup>1</sup>, J. Nordenstam<sup>1</sup> <sup>1</sup>University Of Illinois At Chicago, Colon & Rectal Surgery, Chicago, IL, USA
- 53.09. Comparing Surgical Outcomes Between Vertical Sleeve Gastrectomy and Roux-n-Y Gastric Bypass Today.** S. Pagkratis<sup>3</sup>, P. R. Armijo<sup>3</sup>, Y. Wang<sup>3</sup>, J. Mitchell<sup>4</sup>, V. Kothari<sup>3</sup> <sup>3</sup>University Of Nebraska College Of Medicine, General Surgery, Omaha, NE, USA <sup>4</sup>University Of Nebraska College Of Medicine, College Of Medicine, Omaha, NE, USA <sup>5</sup>University Of Nebraska, College Of Public Health, Omaha, NE, USA
- 53.10. Assessing the Risk of Hypercalcemic Crisis in Patients with Primary Hyperparathyroidism.** A. J. Lowell<sup>1</sup>, N. M. Bushman<sup>1</sup>, X. Wang<sup>1</sup>, Y. Ma<sup>1</sup>, R. S. Sippel<sup>1</sup>, S. C. Pitt<sup>1</sup>, D. F. Schneider<sup>1</sup>, R. W. Randle<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA
- 53.11. Hospital Volume and Outcomes in Elderly Emergency General Surgery Patients.** A. B. Pratt<sup>1</sup>, S. Gale<sup>1</sup>, V. Y. Dombrovskiy<sup>1</sup>, M. E. Lissauer<sup>1</sup> <sup>1</sup>Robert Wood Johnson - UMDNJ, Acute Care Surgery, New Brunswick, NJ, USA
- 53.12. Assessment of Shared Decision-Making in Surgical Evaluation for Gallstones at a Safety-Net Hospital.** K. M. Mueck<sup>1</sup>, M. I. Leal<sup>1</sup>, C. C. Wan<sup>1</sup>, B. F. Goldberg<sup>1</sup>, T. E. Saunders<sup>1</sup>, S. G. Millas<sup>1</sup>, M. K. Liang<sup>1</sup>, T. C. Ko<sup>1</sup>, L. S. Kao<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA
- 53.13. The management of adhesive small bowel obstruction: a decision analysis of competing strategies..** R. Behman<sup>1</sup>, P. Karanicolas<sup>1</sup>, A. Nathens<sup>1</sup>, J. Jung<sup>1</sup>, N. Look Hong<sup>1</sup> <sup>1</sup>University of Toronto, Department Of Surgery, Toronto, Ontario, Canada
- 53.14. Ultrasound Guided FNA of Thyroid With and Without Sedation.** R. M. Kholmatov<sup>1</sup>, F. Murad<sup>1</sup>, D. J. Monlezun<sup>1</sup>, E. Kandil<sup>1</sup> <sup>1</sup>Tulane University School Of Medicine, Surgery, New Orleans, LA, USA
- 53.15. BMI Class Increases Risk of Complication In Open Ventral Hernia Repair: A NSQIP study.** L. Owe<sup>2</sup>, K. Dumon<sup>3</sup>, R. Kelz<sup>3</sup>, D. T. Dempsey<sup>3</sup>, N. Williams<sup>4</sup> <sup>2</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA <sup>3</sup>University Of Pennsylvania, Department Of Surgery, Perelman School Of Medicine, Philadelphia, PA, USA <sup>4</sup>University Of Pennsylvania, Division Of Surgical Education, Department Of Surgery, Perelman School Of Medicine, Philadelphia, PA, USA <sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA
- 53.16. Indocyanine Green (ICG) Fluorescence-Guided Parathyroidectomy for Primary Hyperparathyroidism.** J. C. DeLong<sup>1</sup>, E. P. Ward<sup>1</sup>, T. M. Lwin<sup>1</sup>, K. T. Brumund<sup>1</sup>, K. J. Kelly<sup>1</sup>, S. Horgan<sup>1</sup>, M. Bouvet<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA
- 53.17. Body Mass Index is Associated with Surgical Site Infection (SSI) in Patients with Crohn's Disease.** M. M. Romine<sup>1,2</sup>, A. Gullick<sup>1,2</sup>, M. Morris<sup>1,2</sup>, L. Goss<sup>1,2</sup>, D. Chu<sup>1,2</sup> <sup>1</sup>University Of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA <sup>2</sup>VA Birmingham HealthSystem, General Surgery, Birmingham, AL, USA
- 53.18. Novel Method For Confirming Appropriate Nerve Integrity Monitor (NIM) Endotracheal Tube Positioning.** I. J. Behr<sup>1</sup>, S. Mansoor<sup>1</sup>, M. McLeod<sup>1</sup> <sup>1</sup>Michigan State University, Surgery, Lansing, M, USA
- 53.19. Wound Dehiscence after Laparotomy: Who Needs Retention Sutures?** A. Pal<sup>1</sup>, E. Mahmood<sup>3</sup>, J. Nicastro<sup>2</sup>, M. Sfakianos<sup>2</sup>, T. Dinitto<sup>1</sup>, S. M. Cohn<sup>1</sup> <sup>2</sup>North Shore University And Long Island Jewish Medical Center, Department Of Surgery, Manhasset, NY, USA <sup>3</sup>Northwestern University, Feinberg School Of Medicine, Chicago, IL, USA <sup>1</sup>Staten Island University Hospital, Northwell Health, Surgery, Staten Island, NY, USA
- 53.20. Biliary Duct Injury During Laparoscopic Cholecystectomy: a NSQIP Data Analysis.** S. Cassaro<sup>1,2</sup>, A. Meshesha<sup>2</sup>, S. Kesavaramanujam<sup>2</sup>, N. Atherton<sup>1,2</sup> <sup>1</sup>University Of California - Irvine, Surgery, Orange, CA, USA <sup>2</sup>Kaweah Delta Health Care District, Acute Care And Trauma Surgery, Visalia, CA, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 54. CLINICAL/OUTCOMES: HEALTH POLICY QUICKSHOT

HANDEL

**MODERATORS: Amy Liepert, MD & Joel Weissman, PhD**

TUESDAY

WEDNESDAY

THURSDAY

#### 54.01. Nomogram to Predict Risk for Regional Lymph Node

**Metastasis for Appendiceal Neuroendocrine Tumors.** C. Mosquera<sup>1</sup>, N. Bellamy<sup>1</sup>, T. L. Fitzgerald<sup>1</sup> <sup>1</sup>East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA

#### 54.03. Utilization of Emergency Department Care by Cancer

**Patients in the United States.** A. A. Shah<sup>1,2</sup>, S. Zafar<sup>1</sup>, R. Gray<sup>2</sup>, B. Pockaj<sup>2</sup>, E. Cornwell<sup>1</sup>, L. Wilson<sup>1</sup>, N. Wasif<sup>2</sup> <sup>1</sup>Howard University College Of Medicine, Surgery, Washington, DC, USA <sup>2</sup>Mayo Clinic In Arizona, Surgery, Phoenix, AZ, USA

#### 54.04. The Effect of Surgeon "Experience" on Postoperative

**Mortality following Colorectal Surgery.** F. Gani<sup>1</sup>, M. Cerullo<sup>1</sup>, J. K. Canner<sup>1</sup>, A. E. Harzman<sup>2</sup>, S. G. Husain<sup>2</sup>, W. C. Cirocco<sup>2</sup>, M. W. Arnold<sup>2</sup>, A. Traugott<sup>2</sup>, T. M. Pawlik<sup>1,2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>Ohio State University, Department Of Surgery, Columbus, OH, USA

#### 54.05. Identifying Preventable Trauma Death: Does Autopsy

**Serve a Purpose?** D. Scantling<sup>1</sup>, R. Kucejko<sup>1</sup>, A. Teichman<sup>1</sup>, B. McCracken<sup>1</sup>, R. Burns<sup>1</sup>, J. Eakins<sup>2</sup> <sup>1</sup>Hahnemann University Hospital/ Drexel University College Of Medicine, Surgery, Philadelphia, PA, USA <sup>2</sup>Atlanticare, Trauma, Atlantic City, NJ, USA

#### 54.06. Costs and Financial Burden of Initial Hospitalizations

**for Firearm Injuries in the US, 2006-2013.** S. A. Spitzer<sup>1</sup>, K. L. Staudenmayer<sup>1</sup>, L. Tennakoon<sup>1</sup>, D. A. Spain<sup>1</sup>, T. G. Weiser<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA

#### 54.07. We Are What We Eat: Demographics And Payer Status Of

**Patients Presenting At Level I Trauma Centers.** J. D. Forrester<sup>1</sup>, T. G. Weiser<sup>1</sup>, P. M. Maggio<sup>1</sup>, T. Browder<sup>1</sup>, L. Tennakoon<sup>1</sup>, D. A. Spain<sup>1</sup>, K. Staudenmayer<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, Palo Alto, CA, USA

#### 54.08. Firearm Attitudes and Accessibility in a Trauma Popula-

**tion.** C. N. Fick<sup>2</sup>, B. P. Smith<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Surgery, Philadelphia, PA, USA <sup>2</sup>Georgetown University Medical Center, Washington, DC, USA

#### 54.09. Has the ACA Altered Socioeconomic Disparities in Patient

**Outcomes After Traumatic Brain Injury?** E. Moffet<sup>1</sup>, T. Zens<sup>1</sup>, M. Beems<sup>1</sup>, K. McQuiston<sup>1</sup>, G. Leverson<sup>1</sup>, S. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Division Of Trauma, Madison, WI, USA

#### 54.10. National Trends in Readmission Following Inpatient

**Surgery.** W. T. Mehtsun<sup>1,2</sup>, I. Papanicolas<sup>2,4</sup>, K. D. Lillemoe<sup>1,3</sup>, A. K. Jha<sup>2,3</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Harvard School Of Public Health, Department Of Health Policy And Management, Boston, MA, USA <sup>3</sup>Harvard School Of Medicine, Brookline, MA, USA <sup>4</sup>The London School Of Economics And Political Science, LSE Health, London, United Kingdom

#### 54.11. Is There A Difference In The Demographic Factors Between

**Laceration And Gunshot Violence?** N. Valsangkar<sup>1</sup>, C. B. Siedlecki<sup>1</sup>, T. M. Bell<sup>1</sup>, A. Fecher<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery - Trauma Critical Care, Indianapolis, IN, USA

#### 54.12. Expanding the Donor Pool: How Many Donation After

**Circulatory Death Organs are we Missing?** W. Z. Chancellor<sup>1</sup>, E. J. Charles<sup>1</sup>, J. H. Mehaffey<sup>1</sup>, R. Hawkins<sup>1</sup>, C. Foster<sup>1</sup>, A. K. Sharma<sup>1</sup>, V. Laubach<sup>1</sup>, C. Lau<sup>1</sup>, I. L. Kron<sup>1</sup>, C. Tribble<sup>1</sup> <sup>1</sup>University Of Virginia, Division Of Thoracic And Cardiovascular Surgery, Charlottesville, VA, USA

#### 54.13. Trends In Surgical Post-Operative Mortality: Are We Doing

**Better?** W. T. Mehtsun<sup>1,3</sup>, J. F. Figueroa<sup>2,3,4</sup>, K. D. Lillemoe<sup>1,2</sup>, A. K. Jha<sup>2,3</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA <sup>3</sup>Harvard School Of Public Health, Department Of Health Policy And Management, Boston, MA, USA <sup>4</sup>Brigham And Women's Hospital, Department Of Medicine, Boston, MA, USA

#### 54.14. An Estimation of Population-Level Obesity Rates

**Using Electronic Health Record Data.** L. M. Funk<sup>1,2</sup>, Y. Shan<sup>1</sup>, C. I. Voils<sup>3,4</sup>, J. Kloeke<sup>5</sup>, L. Hanrahan<sup>6</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>2</sup>William S. Middleton (Madison) VA, Surgery, Madison, 53792, USA <sup>3</sup>Duke University Medical Center, Medicine, Durham, NC, USA <sup>4</sup>Durham VA, Medicine, Durham, NC, USA <sup>5</sup>University Of Wisconsin, Biostatistics & Medical Informatics, Madison, WI, USA <sup>6</sup>University Of Wisconsin, Family Medicine, Madison, WI, USA

#### 54.15. Overlapping or Concurrent Surgery – Resident and Faculty

**Assessment of the "Critical Portion".** J. A. Marks<sup>1</sup>, P. M. Batista<sup>1</sup>, S. M. Devitt<sup>1</sup>, F. Palazzo<sup>1</sup>, G. A. Isenberg<sup>1</sup>, C. J. Yeo<sup>1</sup>, K. A. Chojnacki<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Surgery, Philadelphia, PA, USA

#### 54.16. Improving Coordination of Care in Surgical Patients:

**A Systematic Review.** E. F. Yates<sup>1</sup>, S. T. Hawley<sup>1</sup>, A. M. Morris<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

#### 54.17. Can Increased Trauma Mortality At Weekends Be

**Explained by Failure to Rescue?** D. Metcalfe<sup>1</sup>, O. A. Olufajo<sup>6</sup>, A. J. Rios-Diaz<sup>5</sup>, C. K. Zogg<sup>4</sup>, R. Chowdhury<sup>2,3</sup>, A. Haider<sup>2,3</sup>, J. M. Havens<sup>2,3</sup>, A. Salim<sup>2,3</sup> <sup>6</sup>Washington University School Of Medicine, Department Of Surgery, St Louis, MO, USA <sup>1</sup>University Of Oxford, Kadoorie Centre for Critical Care Research, Oxford, OXFORDSHIRE, United Kingdom <sup>2</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>3</sup>Harvard Medical School, Boston, MA, USA <sup>4</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>5</sup>Thomas Jefferson University Hospital, Department Of Surgery, Philadelphia, PA, USA

#### 54.18. Safety of Bariatric Surgery vs Total Joint Replacement in

**The Severely Obese patients.** K. Spaniolas<sup>2</sup>, M. Grzybowski<sup>1</sup>, M. Ball<sup>1</sup>, Z. Schafer<sup>1</sup>, W. Pories<sup>1</sup> <sup>1</sup>East Carolina University Brody School Of Medicine, Greenville, NC, USA <sup>2</sup>Stony Brook University Medical Center, Stony Brook, NY, USA

#### 54.19. Outpatient Follow-up Does Not Prevent ED Utilization By

**Trauma Patients.** M. K. Dalton<sup>1</sup>, N. M. Fox<sup>1</sup>, J. M. Porter<sup>1</sup>, J. P. Hazelton<sup>1</sup> <sup>1</sup>Cooper University Hospital, Trauma Surgery, Camden, NJ, USA

#### 54.20. Barriers to Creating a Surgery Clinic-Based

**Opioid Retrieval Program.** E. Blay<sup>1</sup>, J. Thomas<sup>1</sup>, J. Stulberg<sup>1</sup> <sup>1</sup>Northwestern University, Surgical Outcomes & Quality Improvement Center, Chicago, IL, USA

2:30 PM - 4:30 PM

**Integrated Quick Shot Presentation Sessions II****55. CLINICAL/OUTCOMES: QUALITY OF CARE QUICKSHOT**

SCHUBERT

**MODERATORS: Alexander A. Parikh, MD & Ching-Wei D. Tzeng, MD**

- 55.01. Does the Stapler Size Matter?** C. Shwaartz<sup>1</sup>, B. Cohen<sup>1</sup>, J. Leanza<sup>1</sup>, C. M. Divino<sup>1</sup> <sup>1</sup>Icahn School Of Medicine At Mount Sinai, General Surgery, New York, NY, USA
- 55.02. A Cost Effective Approach to Surgical Simulation: Use of Inanimate Surgical Simulation Models.** B. R. Veenstra<sup>2</sup>, A. Wojtowicz<sup>1</sup>, N. Walsh<sup>1</sup>, J. Velasco<sup>1,2</sup> <sup>1</sup>Rush University Medical Center, Center For Clinical Skills And Simulation, Chicago, IL, USA <sup>2</sup>Rush University Medical Center, Department Of General Surgery, Chicago, IL, USA
- 55.03. The Infundibular Approach is Often Mistaken as the Critical View of Safety during Cholecystectomy.** L. Traub<sup>1</sup>, C. Chen<sup>1</sup>, F. Palazzo<sup>1</sup>, E. Rosato<sup>1</sup>, H. Lavu<sup>1</sup>, J. Winter<sup>1</sup>, C. J. Yeo<sup>1</sup>, M. J. Pucci<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Surgery, Philadelphia, PA, USA
- 55.04. Utility of the AM-PAC Tool to Assess Post-Operative Functional Status and Predict Readmissions.** J. K. Johnson<sup>1</sup>, R. L. Marcus<sup>1</sup>, G. J. Stoddard<sup>3</sup>, J. M. Fritz<sup>1</sup>, C. S. Noren<sup>4</sup>, B. S. Brooke<sup>2</sup> <sup>1</sup>University Of Utah, Physical Therapy, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Surgery, Salt Lake City, UT, USA <sup>3</sup>University Of Utah, Internal Medicine, Salt Lake City, UT, USA <sup>4</sup>University Of Utah, Rehabilitation Services, Salt Lake City, UT, USA
- 55.05. Inference From Observational Research Methods (INFORM) Project: Facilitating Evidence Interpretation.** C. C. Chrystoja<sup>1,2</sup>, N. Baxter<sup>1,4</sup>, C. Bell<sup>1,5</sup>, G. Tomlinson<sup>1,2</sup>, D. Urbach<sup>1,2,3</sup> <sup>1</sup>University of Toronto, Institute Of Health Policy, Management And Evaluation, Toronto, Ontario, Canada <sup>2</sup>University Health Network, Toronto, Ontario, Canada <sup>3</sup>Women's College Hospital, Toronto, Ontario, Canada <sup>4</sup>St. Michael's Hospital, Toronto, Ontario, Canada <sup>5</sup>Mount Sinai Hospital, Toronto, ON, Canada
- 55.06. Management of Periapical Abscess in the Emergency Department.** A. Gupta<sup>1,2,3</sup>, W. A. Davis<sup>1,2,3</sup>, E. B. Schneider<sup>1,2,4</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA <sup>3</sup>Harvard School Of Public Health, Boston, MA, USA <sup>4</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA
- 55.07. The Center Volume-Outcome Effect in Pancreas Transplantation: A National Analysis from 2009-2012.** V. K. Dhar<sup>1</sup>, Y. Kim<sup>1</sup>, K. Wima<sup>1</sup>, B. T. Xia<sup>1</sup>, R. Hoehn<sup>1</sup>, T. Diwan<sup>1</sup>, S. A. Shah<sup>1</sup> <sup>1</sup>University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA
- 55.08. Positive Communication during Awake Surgical Procedures.** C. S. Smith<sup>3</sup>, K. Guyton<sup>1</sup>, N. Schindler<sup>1,4</sup>, A. Langerman<sup>2</sup> <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>2</sup>Vanderbilt University Medical Center, Department Of Otolaryngology, Nashville, TN, USA <sup>3</sup>University Of Chicago, Pritzker School Of Medicine, Chicago, IL, USA <sup>4</sup>Northshore University Health System, Department Of Surgery, Evanston, IL, USA
- 55.09. Perioperative antibiotics should be used for operative placement of implanted central venous ports.** C. L. Scaife<sup>1</sup>, M. C. Mone<sup>1</sup>, M. E. Bowen<sup>1</sup>, D. S. Swords<sup>1</sup>, C. Zhang<sup>2</sup>, A. P. Presson<sup>2</sup>, E. W. Nelson<sup>1</sup> <sup>1</sup>University Of Utah, General Surgery/Department Of Surgery, Salt Lake City, UTAH, USA <sup>2</sup>University Of Utah, Epidemiology/Department Of Internal Medicine, Salt Lake City, UTAH, USA
- 55.10. A Nationwide Analysis of Outcomes in Patients with Myasthenia Gravis Undergoing Non-Thymic Surgery.** R. H. Hollis<sup>1</sup>, L. N. Wood<sup>1</sup>, J. S. Richman<sup>1</sup>, M. S. Morris<sup>1</sup>, D. I. Chu<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA
- 55.11. The Relationship Between Operation Type and Unplanned Intubation within 24 Hours of Surgery.** T. M. Bauer<sup>1</sup>, A. P. Johnson<sup>1</sup>, S. W. Cowan<sup>1</sup>, R. R. Kelz<sup>2</sup> <sup>1</sup>Thomas Jefferson University, Thoracic Surgery, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Endocrine And Oncologic Surgery, Philadelphia, PA, USA
- 55.12. The Effects of Promotion and Tenure on Surgeon Productivity.** A. Lam<sup>1</sup>, M. Heslin<sup>1</sup>, C. D. Tzeng<sup>2</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Surgery, Birmingham, ALABAMA, USA <sup>2</sup>University Of Kentucky, Surgery, Lexington, KENTUCKY, USA
- 55.13. Predictors of Recurrent Emergency Department Visits in Patients with Benign Biliary Disease.** B. F. Goldberg<sup>1</sup>, K. M. Mueck<sup>1</sup>, H. M. Starkey-Smith<sup>1</sup>, C. C. Wan<sup>1</sup>, J. P. Hasapes<sup>1</sup>, T. C. Ko<sup>1</sup>, L. S. Kao<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA
- 55.14. Risk Factors Associated with Nationwide Readmission After Parathyroidectomy.** J. L. Buicko<sup>1</sup>, J. P. Pareco<sup>1</sup>, M. A. Lopez<sup>1</sup>, R. A. Kozol<sup>1</sup> <sup>1</sup>University Of Miami, Palm Beach General Surgery Residency, Atlantis, FL, USA
- 55.15. The Ottawa Criteria for Appropriate Transfusions in Hepatectomy (OCATH).** S. Bennett<sup>1,10</sup>, A. Tinmouth<sup>2,10</sup>, D. I. McIsaac<sup>3,10</sup>, S. English<sup>2,10</sup>, P. C. Hébert<sup>4</sup>, P. J. Karanickolas<sup>5</sup>, L. McIntyre<sup>2,10</sup>, A. F. Turgeon<sup>7</sup>, J. Barkun<sup>8</sup>, T. M. Pawlik<sup>9</sup>, D. Fergusson<sup>10</sup>, G. Martel<sup>1,10</sup> <sup>1</sup>University Of Ottawa, Department Of Surgery, Ottawa, Ontario, Canada <sup>2</sup>University Of Ottawa, Department Of Medicine, Ottawa, Ontario, Canada <sup>3</sup>University Of Ottawa, Department Of Anesthesiology, Ottawa, Ontario, Canada <sup>4</sup>Centre Hospitalier De L'Université De Montréal, Department Of Medicine, Montréal, QUEBEC, Canada <sup>5</sup>University Of Toronto, Department Of Surgery, Toronto, Ontario, Canada <sup>6</sup>Université Laval, Department Of Anesthesiology, Quebec City, QUEBEC, Canada <sup>7</sup>Université Laval, Department Of Anesthesiology, Quebec City, QUEBEC, Canada <sup>8</sup>McGill University, Department Of Surgery, Montreal, QUEBEC, Canada <sup>9</sup>Ohio State University, Department Of Surgery, Columbus, OH, USA <sup>10</sup>Ottawa Hospital Research Institute, Ottawa, ONTARIO, Canada
- 55.16. Continuous Monitoring of Vital Signs on the General Ward.** M. Weenk<sup>1</sup>, S. Bredie<sup>2</sup>, L. Engelen<sup>3</sup>, T. Van De Belt<sup>3</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboudumc, Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Radboudumc, Internal Medicine, Nijmegen, GELDERLAND, Netherlands <sup>3</sup>Radboudumc, Radboud R&S Innovation Center, Nijmegen, GELDERLAND, Netherlands
- 55.17. Correlation of Hebal-Malas Index with Haller Index in Pediatric Patients with Pectus Excavatum.** F. Hebal<sup>1</sup>, J. Green<sup>2</sup>, B. Malas<sup>1</sup>, M. Reynolds<sup>1,2</sup> <sup>1</sup>Ann & Robert H Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University, Feinberg School Of Medicine, Chicago, IL, USA
- 55.18. Preoperative Invasive Care Setting and Postoperative Infection in Pancreaticoduodenectomy.** A. T. Nguyen<sup>2</sup>, Z. M. Dong<sup>2</sup>, J. W. Marsh<sup>1</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, School Of Medicine, Pittsburgh, PA, USA
- 55.19. A Comparison of Post-Operative MI Rates Based on the Universal 2012 and NSQIP Definitions.** K. S. Shrestha<sup>1</sup>, A. A. Gullick<sup>2</sup>, T. S. Wahl<sup>2</sup>, R. H. Hollis<sup>2</sup>, J. Richman<sup>2</sup>, J. K. Kirklin<sup>2</sup>, M. S. Morris<sup>2</sup> <sup>1</sup>University Of Alabama at Birmingham, School Of Medicine, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA
- 55.20. An Analysis of Discussions Following National Presentation of a Surgical Case Series.** A. Siy<sup>1</sup>, E. Winslow<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

### Integrated Quick Shot Presentation Sessions II

#### 56. EDUCATION: RESIDENT EDUCATION 2 QUICKSHOT

STRAUSS

#### MODERATORS: Muneera R. Kapadia, MD & Meredith Sorensen, MD, MS

TUESDAY

WEDNESDAY

THURSDAY

**56.01. Resident Education on Handoffs Can Reduce Patient Harm.** J. Sugrue<sup>1</sup>, A. Ejaz<sup>1</sup>, S. Eftaiha<sup>1</sup>, H. Shah<sup>1</sup>, J. Nordenstam<sup>1</sup>, A. Mellgren<sup>1</sup>, G. Havelka<sup>1</sup> <sup>1</sup>University Of Illinois At Chicago, Surgery, Chicago, IL, USA

**56.02. Leveraging Cloud-based Technologies for Education in Quality Improvement and Patient Safety.** A. P. Johnson<sup>1</sup>, C. Jacovides<sup>1</sup>, C. Schleider<sup>1</sup>, R. R. Kelz<sup>2</sup>, S. W. Cowan<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Philadelphia, PA, USA

**56.03. Participation In A Gamification-based Medical Knowledge Team Competition By General Surgery Residents.** E. Schinnerer<sup>1,2</sup>, A. Westfall<sup>4</sup>, J. Willig<sup>3</sup>, B. Corey<sup>1,2</sup>, J. White<sup>1,2</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgery, Birmingham, ALABAMA, USA <sup>2</sup>Birmingham Veteran's Affairs Medical Center, Surgery, Birmingham, ALABAMA, USA <sup>3</sup>University Of Alabama at Birmingham, Medicine, Birmingham, Alabama, USA <sup>4</sup>University Of Alabama at Birmingham, Biostatistics, Birmingham, Alabama, USA

**56.04. Surgical Resident Well-Being: Implications of Gender and Family Structure..** M. F. Amendola<sup>1</sup>, N. Lee<sup>1</sup>, N. Appelbaum<sup>1</sup>, K. Dodson<sup>1</sup>, B. Kaplan<sup>1</sup> <sup>1</sup>Virginia Commonwealth University, General Surgery, Richmond, VA, USA

**56.05. Professionalism and Communication Competencies in Surgical Residency: A Pilot Humanities Curriculum.** J. Colvin<sup>1</sup>, J. French<sup>1</sup>, A. Siperstein<sup>2</sup>, T. Capizzani<sup>1</sup>, V. Krishnamurthy<sup>2</sup> <sup>1</sup>Cleveland Clinic, General Surgery, Cleveland, OH, USA <sup>2</sup>Cleveland Clinic, Endocrine Surgery, Cleveland, OH, USA

**56.06. The Components of a Surgery Residency Program That Contribute to Scholarly Success..** M. Eby<sup>1</sup>, J. Buicko<sup>1</sup>, S. Scuro<sup>1</sup>, L. Tamariz<sup>2</sup> <sup>1</sup>University Of Miami, General Surgery, Miami, FL, USA <sup>2</sup>University Of Miami, Population Health And Computational Medicine, Miami, FL, USA

**56.07. Do Women Perceive Surgical Residency Training Differently? A FIRST Trial Analysis.** K. A. Ban<sup>1,2,3</sup>, J. W. Chung<sup>1</sup>, R. S. Matulewicz<sup>1</sup>, R. R. Kelz<sup>4</sup>, A. R. Dahlke<sup>1</sup>, C. Quinn<sup>1</sup>, A. D. Yang<sup>1</sup>, K. Y. Bilimoria<sup>1,3</sup> <sup>1</sup>Northwestern University, Surgical Outcomes And Quality Improvement Center (SOQIC), Department Of Surgery, Feinberg School Of Medicine, Chicago, IL, USA <sup>2</sup>Loyola University Medical Center, Department Of Surgery, Maywood, IL, USA <sup>3</sup>American College Of Surgeons, Chicago, IL, USA <sup>4</sup>University Of Pennsylvania, Department Of Surgery, Perelman School Of Medicine, Philadelphia, PA, USA

**56.08. Research During General Surgery Residency: A Web-Based Review of Opportunities, Structure and Outputs.** A. Brochu<sup>1</sup>, R. Aggarwal<sup>1</sup> <sup>1</sup>McGill University, Faculty Of Medicine, Montreal, QC, Canada

**56.09. Modern practice patterns of parathyroidectomy and implications for education..** A. Swearingen<sup>1</sup>, J. Jin<sup>1</sup>, J. J. Shin<sup>1</sup>, E. Berber<sup>1</sup>, A. Siperstein<sup>1</sup>, V. D. Krishnamurthy<sup>1</sup> <sup>1</sup>Cleveland Clinic, Department Of Endocrine Surgery, Cleveland, OH, USA

**56.10. Are Our Residents Prepared To Prescribe?** M. J. Nooromid<sup>1</sup>, B. Deschner<sup>1</sup>, N. Mansukhani<sup>1</sup>, S. Moradian<sup>1</sup>, J. Stulberg<sup>1</sup> <sup>1</sup>Northwestern University, Department Of Surgery, Chicago, IL, USA

**56.11. Global Surgery Needs Assessment: Barriers to Resident and Faculty Involvement in Global Surgery .** M. S. Cheung<sup>1</sup>, J. M. Healy<sup>1</sup>, M. R. Hall<sup>1</sup>, D. E. Ozgediz<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA

**56.12. Insight Into Surgical Residents' Interest and Career Aspirations in Global Surgery..** A. Scholer<sup>1</sup>, P. Johnston<sup>1</sup>, J. Bailey<sup>1</sup>, G. Peck<sup>2</sup>, S. Aziz<sup>1</sup>, Z. Sifri<sup>1</sup> <sup>1</sup>New Jersey Medical School, Surgery, Newark, NJ, USA <sup>2</sup>Robert Wood Johnson - UMDNJ, Surgery, New Brunswick, NJ, USA

**56.13. "Speed Dating for Mentors": A Novel Approach to Mentor/Mentee Pairing in Surgical Residency..** A. D. Caine<sup>1</sup>, A. Kunac<sup>1</sup> <sup>1</sup>University Of Medicine And Dentistry Of New Jersey, General Surgery, Newark, NJ, USA

**56.15. Cultural Competency Curricula in Surgical Education: A Systematic Review.** G. Tortorello<sup>2,3</sup>, G. Karakousis<sup>1,2,3</sup>, C. Aarons<sup>1,2</sup>, G. Kennedy<sup>2</sup>, R. Hoffman<sup>1,3</sup>, R. Kelz<sup>1,2,3</sup> <sup>3</sup>University Of Pennsylvania, Center For Surgery And Health Economics, Philadelphia, PA, USA <sup>1</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Perelman School Of Medicine, Philadelphia, PA, USA

**56.16. Examination of Surgeon Comfort with Complex Surgical Procedures in the Military Healthcare System.** W. H. Ward<sup>2</sup>, L. M. Fluke<sup>1</sup>, C. S. McEvoy<sup>1</sup>, J. L. Fitch<sup>3</sup>, R. L. Ricca<sup>1</sup> <sup>1</sup>Naval Medical Center Portsmouth, Department Of General Surgery, Portsmouth, VA, USA <sup>2</sup>Fox Chase Cancer Center, Philadelphia, PA, USA <sup>3</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA

**56.17. Use of an Online Curriculum Amongst Surgical Interns: Results of a Pilot Study.** J. A. Taylor<sup>1</sup>, L. Spiguel<sup>1</sup>, A. Iqbal<sup>1</sup> <sup>1</sup>University Of Florida, Department Of Surgery, Gainesville, FL, USA

**56.19. Is Resident-Protected Time Really Protected?.** J. Legino<sup>1</sup>, M. Al-Kasspoles<sup>1</sup>, J. Ashcraft<sup>1</sup>, J. Valentino<sup>1</sup>, P. DiPasco<sup>1</sup> <sup>1</sup>University Of Kansas Medical Center, Department Of Surgery, Kansas City, KS, USA

**56.20. A Novel Flight Surgeon Training Model at a Joint Military and Civilian Surgical Residency Program..** E. S. DeSoucy<sup>1,2</sup>, S. A. Zakaluzny<sup>1,2</sup>, J. M. Galante<sup>1</sup> <sup>1</sup>University Of California - Davis, General Surgery, Sacramento, CA, USA <sup>2</sup>David Grant Medical Center, General Surgery, Travis AFB, CA, USA

2:30 PM - 4:30 PM

## Integrated Quick Shot Presentation Sessions II

## 57. EDUCATION 1 QUICKSHOT

VIVALDI

MODERATORS: Iman Ghaderi, MD, MSc, FRCS &amp; Elizabeth G. Grubbs, MD

## 57.01. Lung Cancer Screening in Community Primary Care

**Settings: A Pilot Study.** M. Masika<sup>1,2</sup>, M. Mahoney<sup>1,2</sup>, O. Lucas<sup>1,2</sup>, B. Bigham<sup>2,3</sup>, K. Attwood<sup>1,2</sup>, M. Reid<sup>1,2</sup>, L. Ansari<sup>1,2</sup>, W. Underwood<sup>1,2</sup>, D. Irwin<sup>1,2</sup>, C. Nwogu<sup>1,2</sup> <sup>1</sup>Roswell Park Cancer Institute, Buffalo, NY, USA <sup>2</sup>State University Of New York At Buffalo, Buffalo, NY, USA <sup>3</sup>Howard University College Of Medicine, Washington, DC, USA

## 57.02. Cultural Barriers to Morbidity and Mortality Conferences in Low to Middle Income Countries.

J. Rouch<sup>1</sup>, A. J. Dawes<sup>1,2,3</sup>, B. Sukhudyant<sup>4</sup>, S. Shekherdimian<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>Veterans Affairs/Robert Wood Johnson Clinical Scholars Program, Los Angeles, CA, USA <sup>3</sup>University Of California - Los Angeles, Department Of Health Policy And Management, Los Angeles, CA, USA <sup>4</sup>Arabkir Joint Medical Center, Department Of Neurology, Yerevan, Armenia

## 57.03. Gender Differences in Academic Surgery Work-Life Balance and Satisfaction.

D. Baptiste<sup>1</sup>, A. M. Fecher<sup>1</sup>, J. Yoder<sup>3</sup>, C. M. Schmidt<sup>1</sup>, M. E. Couch<sup>2</sup>, D. P. Ceppa<sup>1,3</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA <sup>2</sup>Indiana University School Of Medicine, Otolaryngology, Head & Neck Surgery, Indianapolis, IN, USA <sup>3</sup>Indiana University School Of Medicine, Center For Outcomes Research In Surgery, Indianapolis, IN, USA

## 57.04. Competitive Advantage of MBA for Physician-Executives: A Systematic Literature Review.

A. D. Turner<sup>1</sup>, S. Stawicki<sup>2</sup>, W. Guo<sup>1</sup> <sup>1</sup>State University Of New York At Buffalo, Surgery, Buffalo, NY, USA <sup>2</sup>St Luke's University Health Network, Surgery, Bethlehem, PA, USA

## 57.05. Assessment of Desired and Actual Student Procedural Competence Over Time.

C. Becker<sup>1</sup>, M. Meyers<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA

## 57.06. Perceptions of Inappropriate Behavior Among Surgeons and Students Influences Career Choice.

J. L. Lazarus<sup>2</sup>, A. Gibson<sup>1</sup>, S. Campbell<sup>1</sup> <sup>1</sup>Texas Tech University Health Science Center, Lubbock, TX, USA <sup>2</sup>University Of Michigan, Ann Arbor, MI, USA

## 57.07. A Comparison Of Parental Leave Policies For Academic Surgeons Across The United States.

D. S. Itum<sup>1</sup>, S. C. Oltmann<sup>1</sup>, M. A. Choti<sup>1</sup>, H. G. Piper<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA

## 57.08. Postoperative Conversations with Family: How Effectively Do We Communicate?

M. R. Thayer<sup>1</sup>, C. S. Young<sup>1</sup>, M. E. Rosenbaum<sup>2</sup>, M. R. Kapadia<sup>3</sup> <sup>1</sup>University Of Iowa, Carver College Of Medicine, Iowa City, IA, USA <sup>2</sup>University Of Iowa, Department Of Family Medicine, Iowa City, IA, USA <sup>3</sup>University Of Iowa, Department Of Surgery, Iowa City, IA, USA

## 57.09. Evaluation of Video Game Skill for Future Training Modalities in Robotic-Assisted Surgery.

K. Oh<sup>1</sup>, A. Esposito<sup>1</sup>, N. L. Owen-Simon<sup>1</sup>, S. Dachert<sup>1</sup>, J. Kaplan<sup>1</sup>, A. Kamenko<sup>1</sup>, S. Shipman<sup>1</sup>, J. Rehrig<sup>1</sup>, K. Walters<sup>1</sup>, K. Ray<sup>1</sup>, E. Buchanan<sup>1</sup>, A. Reese<sup>1</sup>, A. Harbin<sup>1</sup>, B. Waldorf<sup>1</sup>, D. Eun<sup>1</sup> <sup>1</sup>Temple University School Of Medicine, Department Of Urology, Philadelphia, PA, USA

## 57.10. Who's Reading All Those Tweets, Anyway? Diversity in the #ASC2016 Audience.

H. J. Logghe<sup>1</sup>, J. T. Adler<sup>2</sup>, M. A. Boeck<sup>3</sup>, S. B. Bryczkowski<sup>4</sup>, A. M. Ibrahim<sup>5</sup>, A. N. Kothari<sup>6</sup>, N. Nagarajan<sup>8</sup>, S. Scarlet<sup>1</sup>, L. V. Selby<sup>9</sup>, C. D. Jones<sup>7</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Department Of Surgery, Chapel Hill, NC, USA <sup>2</sup>Massachusetts General Hospital, Boston, MA, USA <sup>3</sup>New York Presbyterian Hospital, Columbia, New York, NY, USA <sup>4</sup>Rutgers New Jersey Medical School, Newark, NJ, USA <sup>5</sup>University Of Michigan, Ann Arbor, MI, USA <sup>6</sup>Loyola University Medical Center, Hines, IL, USA <sup>7</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA <sup>8</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>9</sup>University Of Colorado Denver, Aurora, CO, USA

## 57.11. Defining Mistreatment On Surgery Clerkships: A Medical Student-Generated Definition.

E. Brandford<sup>1</sup>, D. Hoang<sup>1</sup>, B. Hasty<sup>1</sup>, E. Shipper<sup>1</sup>, S. Merrell<sup>1</sup>, D. Lin<sup>1</sup>, J. Lau<sup>1</sup> <sup>1</sup>Stanford University, General Surgery, Palo Alto, CA, USA

## 57.12. Promoting Clinician Engagement in Tobacco Cessation: A Pilot Study.

J. Pollichiemi<sup>2,3</sup>, M. Masika<sup>2,3</sup>, O. Lucas<sup>2,3</sup>, B. Bigham<sup>1,2</sup>, K. Attwood<sup>2,3</sup>, M. Reid<sup>2,3</sup>, M. Mahoney<sup>2,3</sup>, C. Nwogu<sup>2,3</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA <sup>2</sup>Roswell Park Cancer Institute, Buffalo, NY, USA <sup>3</sup>State University Of New York At Buffalo, Buffalo, NY, USA

## 57.13. Gender Distribution of Surgical Clerkship Directors in the Continental United States.

S. Sprinkle<sup>1</sup>, B. Harris<sup>2</sup>, A. Wang<sup>1</sup>, H. Leraas<sup>1</sup>, J. Migaly<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA <sup>2</sup>Temple University, School Of Medicine, Philadelphia, PA, USA

## 57.14. The Effect of Surgical Boot Camp on Medical Student Confidence and Clinical Reasoning.

S. Liu<sup>1</sup>, J. Unkart<sup>1</sup>, D. Hemming<sup>1</sup>, S. Horgan<sup>1</sup>, B. Sandler<sup>1</sup>, G. Jacobsen<sup>1</sup>, J. Baumgartner<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA

## 57.15. Simulation Curriculum Design Impact on Objective Assessment.

E. Buckarma<sup>1</sup>, B. Gas<sup>1</sup>, M. Mohan<sup>1</sup>, E. Abbott<sup>1</sup>, T. Pandian<sup>1</sup>, N. Naik<sup>1</sup>, W. Thompson<sup>1</sup>, A. Jyoti<sup>1</sup>, S. Allen<sup>1</sup>, D. R. Farley<sup>1</sup> <sup>1</sup>Mayo Clinic, General Surgery, Rochester, MN, USA

## 57.17. The role of palliative surgery in gastric cancer patients.

S. Thrumurthy<sup>2</sup>, M. A. Chaudry<sup>1</sup> <sup>1</sup>The Royal Marsden NHS Foundation Trust, Surgery, London, LONDON, United Kingdom <sup>2</sup>King's College Hospital NHS Foundation Trust, Surgery, London, London, United Kingdom

## 57.18. Innovative High Quality Model for Thoracic Surgery Education Using Soft Embalmed Cadaver.

J. H. Mehaffey<sup>1</sup>, E. J. Charles<sup>1</sup>, B. Lapierre<sup>1</sup>, D. Sikin<sup>1</sup>, M. E. Roeser<sup>1</sup>, I. L. Kron<sup>1</sup>, L. T. Yarboro<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, USA

## 57.19. Surgery's Role in Global Public Health is Invisible in MPH Curricula.

W. S. Hercule<sup>1</sup>, A. L. Kushner<sup>3</sup>, S. M. Wren<sup>2</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA <sup>2</sup>Stanford University School Of Medicine, General Surgery, Stanford, CALIFORNIA, USA <sup>3</sup>Surgeons OverSeas, New York, NY, USA

## 57.20. Surgical Resident Technical Skill Self-Evaluation:

**Increased Precision with Training Progression.** J. A. Quick<sup>1</sup>, A. D. Bukoski<sup>1</sup>, V. Kudav<sup>1</sup>, J. Doty<sup>1</sup>, B. J. Bennett<sup>1</sup>, M. Crane<sup>1</sup>, S. L. Barnes<sup>1</sup> <sup>1</sup>University Of Missouri, Acute Care Surgery, Department Of Surgery, Columbia, MO, USA

TUESDAY

WEDNESDAY

THURSDAY



## SCIENTIFIC PROGRAM

Wednesday, February 8, 2017

4:30 PM - 5:30 PM

### SUS New Member Poster Session

ENCORE BALLROOM 2

#### BASIC SCIENCE 1

**POSTER MODERATORS:** Taylor Riall, MD, PhD and Allan Tsung, MD

**P1. Lipocalin-2 Expression Increases Following Bowel Resection in a Mouse Model of Short Bowel Syndrome;** *S. Alaish*

**P2. Powering Totally Implantable Human Artificial Organs by FREE-D System;** *P. Bonde*

**P3. Developing Novel Therapies for Intestinal Microvascular Dysfunction in Necrotizing Enterocolitis;** *C. Downard*

**P4. The Development of "Smart Dressings" for Wound Care;** *T. King*

**P5. Molecular Profiling of Circulating Tumor Cells as a Liquid Biopsy in Stage IV Breast Cancer;** *J. Lang*

**P6. Mitochondrial Dysfunction Contributes to the Pathogenesis of Inflammatory Bowel Disease;** *K. Mollen*

#### BASIC SCIENCE 2

**POSTER MODERATORS:** Rebecca Minter, MD, PhD and Thomas Aloia, MD

**P7. BRAF V600E Anaplastic Thyroid cancer is Dependent on TWIST1 for Migration and Invasion;** *K. Patel*

**P8. Oridonin Enhances the Anti-inflammatory Effects of Heat Shock Protein 70 Inhibition in Hepatic Stellate Cells;** *R. Radhakrishnan*

**P9. Identification of Driver Mutations in GISTs Lacking KIT/PDGFRA/SDH/RAS Pathway Alterations;** *J. Sicklick*

**P10. Does the ACGME Resident Case Log Really Reflect Resident Operative Experience?;** *K. Brown*

**P11. The Role of Simultaneous Cystgastrostomy and Necrosectomy for Walled Off Pancreatic Necrosis;** *C. Ball*

**P12. Translational Engineering Research in Surgery; How to Build a Program;** *A. Brooks*

#### CLINICAL 1

**POSTER MODERATORS:** Timothy Pritts, MD, PhD and Sandra Wong, MD, MS

**P13. Percutaneous Renal Hilar Blockade Predicts Success of Auto-Kidney Tx for Loin Pain Hematuria Syndrome;** *J. Campsen*

**P14. Impact of Vocal Cord Ultrasonography On Endocrine Surgery Practices;** *D. Carniero-Pla*

**P15. Burn Injury In Patients With Preexisting Cardiovascular Disease;** *A. Charles*

**P16. Impact of Implementing Stakeholder Recommendations on Recruitment and Retention in a Clinical Trial;** *K. Deans*

**P17. Multimodal Pain Prophylaxis Reduces Length of Stay of Bariatric Surgical Patients;** *A. Duffy*

**P18. Benefits of Bowel Preparation Beyond Surgical Site Infection;** *J. Efron*

OR

4:30 PM - 5:30 PM

### AAS Resident/Student Meet the Leadership Reception

CHOPIN PATIO

5:30 PM - 7:00 PM

### AAS Business Meeting

BEETHOVEN 1

7:00 PM - 12:00 AM

### ASC Celebration Event

ENCORE BALLROOM 4-8

**Please join us as we celebrate the joint collaboration between the AAS and SUS! Meet up with colleagues and dance to tunes spun by our very own DJ Dorry Segev.**

#### CLINICAL 2

**POSTER MODERATORS:** Sharon Weber, MD and George Kennedy, MD, PhD

**P19. A Systems Innovation Model: An Integrated Interdisciplinary Team Approach to a VA Bariatric Clinic;** *D. Eisenberg*

**P20. Molecular Profiling in Melanoma: Experience at an NCI-Designated Cancer Center;** *J. Farma*

**P21. Can Alkaline Phosphatase Predict Post-Operative Abscess for Perforated Appendicitis;** *C. Iqbal*

**P22. Non-Recurrent Laryngeal Nerve Encountered During Carotid Endarterectomy: Diagnosis and Management;** *J. Jimenez*

**P23. Sarcoma Resection With and Without Vascular Reconstruction: A Matched Case-Control Study;** *G. Poultides*

**P24. Minority Serving Hospitals Have Fewer Resources for Cancer Care and Lower Adherence to Guidelines;** *K. Rhoads*

#### CLINICAL 3

**POSTER MODERATORS:** George Yang, MD, PhD and Timothy Donahue, MD

**P25. The Learning Curve of Transvaginal NOTES Cholecystectomy;** *K. Roberts*

**P26. Outcomes for Combined Aortic and Mitral Valve Surgery in Octogenarians;** *M. Slaughter*

**P27. Higher Monthly Volumes Are Associated With Lower Trauma Mortality: A Six-Center Study;** *S. Stawicki*

**P28. Pushing the TEVAR Envelope: A Systematic Review of Primary Endovascular Repair of the Ascending Aorta;** *G. Wheatley*

**P29. An Analysis of Discussions Following National Presentation of a Surgical Case Series;** *E. Winslow*

**P30. Goals & Barriers to Participation in a Bilateral Academic Exchange: Results from a Resident Survey;** *D. DeUgarte*

|                   |                                                                                      |                     |
|-------------------|--------------------------------------------------------------------------------------|---------------------|
| 5:30 AM - 3:00 PM | <b>Speaker Prep Open</b>                                                             | MOZART              |
| 7:00 AM - 3:00 PM | <b>Registration Open</b>                                                             | ENCORE PROMENADE    |
| 6:30 AM - 7:30 PM | <b>Continental Breakfast</b>                                                         | ENCORE PROMENADE    |
| 7:00 AM - 9:00 AM | <b>Elsevier Sponsored Breakfast</b><br><b>"Tips to Get Your Manuscript Accepted"</b> | ENCORE BALLROOM 4-8 |

## SESSION CHAIRS: Kevin E. Behrns, MD and Michael G. Sarr, MD

- How to Write Scientifically – Melina R. Kibbe, MD
- Characteristics of Accepted Manuscripts – Scott A. Lemaire, MD
- Revising Your Manuscript – Kevin E. Behrns, MD
- What to Do, What Not to Do – Michael G. Sarr, MD

This session will provide keen insights about the process of submitting, reviewing and revising a manuscript. Four editors from three surgical journals will provide tips about manuscript preparation, writing, and revision. Importantly, successful approaches will be highlighted.

## LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Appreciate the preparation and organization of a scientific manuscript.
- Master tips to write scientifically.
- Implement the process of manuscript revision.

## 7:30 AM - 9:30 AM Integrated Oral Presentation Sessions II

### 58. BASIC SCIENCE: VASCULAR ORAL

BEETHOVEN 1

#### MODERATORS: Guillermo A. Escobar, MD & Takao Ohki, MD, PhD

#### 58.01. Western African College of Surgeons Visitor: 58.01.

##### ANALGESIC AND ANTI-INFLAMMATORY EFFECTS OF RESVERATROL: ANY ROLE IN CLINICAL PAIN MANAGEMENT?

E. Ogboli-Nwasor<sup>1</sup>, A. Isa<sup>2</sup>, J. F. E. Dingwoke<sup>3</sup>, A. U. Hussein<sup>2</sup>

<sup>1</sup>Ahmadu Bello University, Department of Anaesthesia, Zaria, Kaduna, Nigeria <sup>2</sup>Ahmadu Bello University, Human Physiology, Zaria, Kaduna, Nigeria <sup>3</sup>Ahmadu Bello University, Biochemistry, Zaria, Kaduna, Nigeria

#### 58.02. Perivascular Delivery of Resolvin D1 Inhibits Neointimal Hyperplasia in a Rabbit Vein Graft Model. B. Wu<sup>1</sup>, A. Chatterjee<sup>1</sup>, G. Mottola<sup>1</sup>, E. Werlin<sup>1</sup>, M. Chen<sup>1</sup>, K. D. Lance<sup>2</sup>, T. A. Desai<sup>2</sup>, M. S. Conte<sup>1</sup>

<sup>1</sup>University Of California - San Francisco, Vascular Surgery, San Francisco, CA, USA <sup>2</sup>University Of California - San Francisco, Bioengineering, San Francisco, CA, USA

#### 58.03. A Novel Model of Aortic Aneurysm Rupture. A. Z. Fashandi<sup>1</sup>, M. D. Salmon<sup>1</sup>, R. B. Hawkins<sup>1</sup>, M. Spinoso<sup>1</sup>, G. Lu<sup>1</sup>, G. Su<sup>1</sup>, G. Ailawadi<sup>1</sup>, G. R. Upchurch<sup>1</sup>

<sup>1</sup>University Of Virginia, Department Of Surgery, Charlottesville, VA, USA

#### 58.04. Physiological Levels of Resistin Stimulate Inflammation in Macrophage and VSMC Co-culture via PKC- $\kappa$ M. C. Zuniga<sup>1,2</sup>, G. Raghuraman<sup>1,2</sup>, W. Zhou<sup>1,2</sup>

<sup>1</sup>VA Palo Alto Healthcare Systems, Vascular Surgery, Palo Alto, CA, USA <sup>2</sup>Stanford University, Vascular Surgery, Palo Alto, CA, USA

#### 58.05. The Creation and Implantation of Three-Dimensionally (3D)-Printed Vascular Patch Grafts. B. C. Wengerter<sup>1</sup>, G. Emre<sup>1</sup>, P. J. Geibel<sup>1</sup>, H. Bai<sup>1</sup>, A. Dardik<sup>1</sup>, J. P. Geibel<sup>1</sup>

<sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA

#### 58.06. Sca-1 Differentially Affects Atherogenesis in Male and Female LDL Receptor Knockout Mice. N. A. Mansukhani<sup>1</sup>, Z. Wang<sup>1</sup>, V. P. Shively<sup>1</sup>, M. Kelly<sup>1</sup>, M. R. Kibbe<sup>2</sup>

<sup>1</sup>Northwestern University, Surgery, Chicago, IL, USA <sup>2</sup>University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA

#### 58.07. ATP, a Molecular Mediator of Surgical Trauma to Blood Vessels. C. M. Guth<sup>1</sup>, W. Luo<sup>1</sup>, O. Jolayemi<sup>1</sup>, J. Cheung-Flynn<sup>1</sup>, C. M. Brophy<sup>1,2</sup>

<sup>1</sup>Vanderbilt University Medical Center, Nashville, TN, USA <sup>2</sup>VA TN Valley Healthcare System, Nashville, TN, USA

#### 58.09. Specific Gut Microbe-Derived Metabolite Signatures Associated with Severe Human Atherosclerosis. C. A. Cason<sup>1</sup>, K. Dolan<sup>5</sup>, G. Sharma<sup>3</sup>, M. Tao<sup>3</sup>, A. Longchamp<sup>3</sup>, R. Kulkarni<sup>2</sup>, L. Xiong<sup>2</sup>, E. B. Chang<sup>3</sup>, M. M. McDermott<sup>4</sup>, C. K. Ozaki<sup>3</sup>, K. J. Ho<sup>2</sup>

<sup>1</sup>Northwestern University, General Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University, Vascular Surgery, Chicago, IL, USA <sup>3</sup>Brigham And Women's Hospital, Vascular Surgery, Boston, MA, USA <sup>4</sup>Northwestern University, Medicine, Chicago, IL, USA <sup>5</sup>University Of Chicago, Medicine, Chicago, IL, USA

#### 58.10. Importance of c-kit Signaling in Arteriogenesis.. R. M. Lassance-Soares<sup>1</sup>, D. R. Hernandez<sup>1</sup>, M. T. Pinto<sup>3</sup>, C. D. Rodrigues<sup>2,3</sup>, Z. Liu<sup>1</sup>, R. I. Vazquez-Padron<sup>1</sup>, O. C. Velazquez<sup>1</sup>

<sup>1</sup>University Of Miami, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA <sup>2</sup>University Of Miami, Molecular And Cellular Pharmacology, Miami, FL, USA <sup>3</sup>University Of Miami, Interdisciplinary Stem Cell Institute, Miami, FL, USA

#### 58.11. Ameliorating Hind Limb Ischemia-Reperfusion Injury in Mice with a Mitochondrial Targeting Peptide. H. Albadawi<sup>1</sup>, A. A. Tzika<sup>1</sup>, J. D. Long<sup>1</sup>, G. M. Cach<sup>1</sup>, H. Yoo<sup>1</sup>, W. G. Austen<sup>2</sup>, M. T. Watkins<sup>1</sup>

<sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Division Of Vascular And Endovascular Surgery, Boston, MA, USA <sup>2</sup>Massachusetts General Hospital, Plastic And Reconstructive Surgery, Boston, MA, USA <sup>3</sup>Massachusetts General Hospital And Shriners Burns Institute, NMR Surgical Laboratory, Boston, MA, USA

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions II

#### 59. BASIC SCIENCE: IMMUNOLOGY ORAL

BEETHOVEN 2

**MODERATORS: Evie H. Carchman, MD & Timothy L. Frankel, MD**

**59.01. Humanized Immune System with Multi-Organ Engraftment in Mice Generated by In Utero Transplantation.** R. G. Witt<sup>1</sup>, E. Kreger<sup>1</sup>, P. Moradi<sup>1</sup>, L. Buckman<sup>2</sup>, S. C. Derderian<sup>1</sup>, C. Baker<sup>1</sup>, J. V. Garcia<sup>2</sup>, T. MacKenzie<sup>1</sup> <sup>1</sup>University Of California - San Francisco, Pediatric Surgery, San Francisco, CA, USA <sup>2</sup>University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA

**59.02. CaMKIV Activation Promotes Pathogenic Th17 T-lymphocyte Differentiation During Experimental Colitis.** K. E. Cunningham<sup>1,2</sup>, E. A. Novak<sup>2</sup>, G. Vincent<sup>2</sup>, J. D. Piganelli<sup>3</sup>, M. R. Rosengart<sup>1</sup>, K. P. Mollen<sup>2</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh Children's Hospital, Pediatric Surgery, Pittsburgh, PA, USA <sup>3</sup>University Of Pittsburgh Children's Hospital, Immunogenetics, Pittsburgh, PA, USA

**59.03. Immunothrombosis and organ injury after liver ischemia/reperfusion.** J. Goswami<sup>1</sup>, P. Varley<sup>1</sup>, D. Van Der Windt<sup>1</sup>, H. Waring<sup>1</sup>, P. Loughran<sup>3</sup>, D. Geller<sup>1</sup>, H. Huang<sup>1,2</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Surgery, Pittsburgh, PA, USA <sup>2</sup>Huazhong University Of Science And Technology, Surgery, Wuhan, Hubei, China <sup>3</sup>Center For Biologic Imaging, Cell Biology, Pittsburgh, PA, USA

**59.04. Importance of Lymphodepletion prior to Cancer Immunotherapy with Specific T Cell Subsets.** M. V. Beems<sup>1,2</sup>, A. Contreras<sup>1</sup>, T. K. Luther<sup>2</sup>, A. Tatar<sup>1</sup>, P. Srinand<sup>1</sup>, S. Sen<sup>1</sup>, C. S. Cho<sup>2</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA <sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**59.05. Interleukin-22 Promotes Chemoresistance in Pancreas Cancer by Enhancing DNA Damage Repair.** J. Lazarus<sup>1</sup>, M. Perusina Lanfranca<sup>1</sup>, W. Wang<sup>1</sup>, T. Maj<sup>1</sup>, W. Zou<sup>1</sup>, T. Frankel<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**59.06. Strategies to Induce Anti-Tumor Immunity in Colorectal Liver Metastases.** N. M. Kunda<sup>1</sup>, J. Qin<sup>1</sup>, G. Qiao<sup>1</sup>, B. S. Prabhakar<sup>2</sup>, A. V. Maker<sup>1,2</sup> <sup>1</sup>University Of Illinois At Chicago, Division Of Surgical Oncology, Department Of Surgery, College Of Medicine, Chicago, IL, USA <sup>2</sup>University Of Illinois At Chicago, Department Of Microbiology & Immunology, College Of Medicine, Chicago, IL, USA

**59.07. Integrin VLA3 Mediates Endothelial Barrier Damage by Human Sepsis Patient Neutrophils in vitro.** C. M. Dickinson<sup>1</sup>, X. O'Brien<sup>1</sup>, D. S. Heffernan<sup>1</sup>, M. Kim<sup>2</sup>, W. G. Cioffi<sup>1</sup>, J. Reichner<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Division Of Surgical Research, Rhode Island Hospital, Affiliated With Warren Alpert Medical School, Providence, RI, USA <sup>2</sup>University Of Rochester, Department Of Microbiology And Immunology, Center For Vaccine Biology And Immunology, Rochester, NY, USA

**59.08. Monocyte Depletion Protects Against Murine Neurogenic Pulmonary Edema.** S. Chiu<sup>1</sup>, H. Makinde<sup>1</sup>, M. Akbarpour<sup>1</sup>, H. Perlman<sup>2</sup>, J. I. Sznajder<sup>2</sup>, G. S. Budinger<sup>2</sup>, S. J. Schwulst<sup>1</sup>, A. Bharat<sup>1</sup> <sup>1</sup>Northwestern University, Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University, Medicine, Chicago, IL, USA

**59.09. T<sub>H</sub>17 Cells Mediate Cancer Progression and Development Due to Neutrophil Extracellular Traps in Liver.** V. Sud<sup>1</sup>, S. Tohme<sup>1</sup>, H. Huang<sup>1,2</sup>, D. J. Van Der Windt<sup>1</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA <sup>2</sup>Huazhong University Of Science And Technology, Surgery, Wuhan, HUBEI, China

**59.10. IκK-16 decreases miRNA-155 expression and attenuates the human monocyte inflammatory response.** N. J. Galbraith<sup>1</sup>, S. P. Walker<sup>1</sup>, C. Bishop<sup>1</sup>, J. V. Carter<sup>1</sup>, M. Cahill<sup>1</sup>, S. A. Gardner<sup>1</sup>, H. C. Polk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA

TUESDAY

WEDNESDAY

THURSDAY

**MODERATORS: Timothy R. Donahue, MD & Ajay V. Maker, MD**

**60.01. U1 adaptors suppress the KRAS-cMYC oncogenic axis in human pancreatic cancer xenografts.**

A. T. Tsang<sup>1,6</sup>, L. Yi<sup>1</sup>, C. Dudgeon<sup>1</sup>, X. Yu<sup>1</sup>, R. Goracznik<sup>5</sup>, S. Gunderson<sup>3,5</sup>, D. R. Carpizo<sup>1,2,4</sup> <sup>6</sup>Mount Sinai St. Luke's Roosevelt General Surgery Residency Program, New York, NY, USA <sup>1</sup>The Cancer Institute Of New Jersey, New Brunswick, NJ, USA <sup>2</sup>Rutgers University Robert Wood Johnson Medical School, Surgery, New Brunswick, NEW JERSEY, USA <sup>3</sup>Rutgers University, Department Of Molecular Biology And Biochemistry, Piscataway, New Jersey, USA <sup>4</sup>Rutgers University, Department Of Pharmacology, Piscataway, New Jersey, USA <sup>5</sup>Silagene, Inc., Hillsborough, New Jersey, USA

**60.02. Utility of Circulating Tumor Cells for Preoperative Prediction of Micrometastatic Pancreatic Cancer.**

C. M. Court<sup>1,4</sup>, J. S. Ankeny<sup>1,4</sup>, S. Sho<sup>1</sup>, S. Hou<sup>1</sup>, P. Winograd<sup>1</sup>, Q. Li<sup>1</sup>, M. Song<sup>1</sup>, T. R. Donahue<sup>1,4</sup>, O. J. Hines<sup>1</sup>, H. A. Reber<sup>1</sup>, Z. A. Wainberg<sup>3</sup>, H. R. Tseng<sup>4</sup>, J. S. Tomlinson<sup>1,4</sup> <sup>2</sup>University Of California - Los Angeles, Molecular And Medical Pharmacology, Los Angeles, CA, USA <sup>3</sup>University Of California - Los Angeles, Hematology/ Oncology, Los Angeles, CA, USA <sup>4</sup>VA Greater Los Angeles, Surgery, Los Angeles, CA, USA <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA

**60.03. Enrichment of Polymerase Theta (POLQ) Single Nucleotide Polymorphisms in Papillary Thyroid Carcinoma.**

T. D. Murtha<sup>1</sup>, R. Korah<sup>1</sup>, T. Carling<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, New Haven, CT, USA

**60.04. BIRC5 Is A Biomarker for Early Detection of PDAC in CRISPR-Cas9 Engineered Pancreatic Organoids .**

S. Liu<sup>1</sup>, J. Yu<sup>1</sup>, R. Sanchez<sup>1</sup>, E. Rozengurt<sup>2</sup>, F. Brunicaudi<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Digestive Disease, Los Angeles, CA, USA

**60.05. Minnelide Synergizes with TRAIL Against Pancreatic Cancer.**

S. Modi<sup>1</sup>, B. Giri<sup>1</sup>, V. Sethi<sup>1</sup>, B. Garg<sup>1</sup>, J. George<sup>1</sup>, S. Banerjee<sup>1</sup>, V. Dudeja<sup>1</sup>, A. K. Saluja<sup>1</sup> <sup>1</sup>Sylvester Cancer Center, Surgery, Miami, FL, USA

**60.06. Brachytherapy with concurrent chemotherapy treatment for anal cancer in transgenic mice.**

H. Sleiman<sup>1</sup>, L. Meske<sup>1</sup>, W. Culbertson<sup>2</sup>, J. Micka<sup>2</sup>, E. Carchman<sup>1</sup> <sup>1</sup>University Of Wisconsin, General Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Department Of Medical Physics, Madison, WI, USA

**60.07. Tumor Treating Fields are Effective in Temozolomide Resistant Glioblastoma Cancer Stem Cells.**

J. K. Strebe<sup>5</sup>, P. A. Clark<sup>5</sup>, C. Pasch<sup>2</sup>, D. A. Demings<sup>2,3,4,8</sup>, H. I. Robins<sup>2,3,6,7,8</sup>, J. S. Kuo<sup>5</sup> <sup>2</sup>University Of Wisconsin School Of Medicine And Public Health, Carbone Cancer Center, Madison, WI, USA <sup>3</sup>University Of Wisconsin School Of Medicine And Public Health, Division Of Hematology And Oncology, Department Of Medicine, Madison, WI, USA <sup>4</sup>University Of Wisconsin School Of Medicine And Public Health, McArdle Laboratory For Cancer Research, Department Of Oncology, Madison, WI, USA <sup>5</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Neurological Surgery, Madison, WI, USA <sup>6</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Neurology, Madison, WI, USA <sup>7</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Human Oncology, Madison, WI, USA <sup>8</sup>William S Middleton Memorial Veterans Hospital, Madison, WI, USA

**60.08. Inhibition of Apelin Receptor Signaling Decreases Cholangiocarcinoma Growth in a Xenograft Model.**

C. Hall<sup>1</sup>, L. Ehrlich<sup>2</sup>, T. Shepperd<sup>2</sup>, A. O'Brien<sup>2</sup>, G. Alpini<sup>2</sup>, S. Glaser<sup>2</sup>, T. C. Lairmore<sup>1</sup> <sup>1</sup>Scott & White Healthcare, Temple, Texas, USA <sup>2</sup>Texas A & M Health Science Center College Of Medicine, Temple, TX, USA

**60.09. NF-κB in Stroma Promotes Cancer Growth by Protecting Against Immune Mediated Cytotoxicity.**

B. Giri<sup>1</sup>, B. Garg<sup>1</sup>, S. Modi<sup>1</sup>, V. Sethi<sup>1</sup>, S. Ramakrishnan<sup>1</sup>, S. Banerjee<sup>1</sup>, A. Saluja<sup>1</sup>, V. Dudeja<sup>1</sup> <sup>1</sup>University Of Miami, Miami, FL, USA

**60.10. The prognostic value of pseudomyxoma peritonei tumor infiltrating T lymphocytes.**

C. Boutros<sup>1,2</sup>, M. Bedra<sup>2</sup>, J. Emel<sup>2</sup>, O. Ioffe<sup>3</sup>, N. Hanna<sup>1</sup>, N. Espat<sup>4</sup>, S. Katz<sup>4</sup> <sup>1</sup>University Of Maryland School Of Medicine, Surgery, Baltimore, MD, USA <sup>2</sup>University Of Maryland Baltimore Washington Medical Center, Tate Cancer Center, Glen Burnie, MD, USA <sup>3</sup>University Of Maryland School Of Medicine, Pathology, Baltimore, MD, USA <sup>4</sup>Roger Williams Medical Center, Surgery, Providence, RI, USA

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions II

#### 61. BASIC SCIENCE: PEDIATRICS/DEVELOPMENTAL BIOLOGY/TISSUE ENGINEERING ORAL

BRAHMS 2

**MODERATORS: Sundeep G. Keswani, MD, FACS, FAAP & Eugene S. Kim, MD**

**61.01. SARS PATEY PRIZE WINNER – THE DEVELOPMENT OF A NANOCOMPOSITE AURICULAR IMPLANT FOR CLINICAL TRANSLATION.** M. F. Griffin<sup>1,2</sup>, D. Kalaskar<sup>1</sup>, A. Seifalian<sup>1</sup>, P. Butler<sup>1,2</sup> <sup>1</sup>University College London, Surgery, London, UK, United Kingdom <sup>2</sup>Royal Free Hospital, Plastic Surgery, London, United Kingdom

**61.02. Anti-sFlt-1 Antibody Treatment Prevents Respiratory Disease in Bronchopulmonary Dysplasia Rat Model.** B. Wallace<sup>1,2</sup>, G. Seedorf<sup>1</sup>, A. Peisl<sup>1</sup>, S. H. Abman<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Pediatric Heart Lung Center, Department Of Pediatrics, Aurora, CO, USA <sup>2</sup>University Of Colorado Denver, Department Of General Surgery, Aurora, CO, USA

**61.03. Decellularized Intestinal Scaffolds Support Co-culture of Smooth Muscle and Neural Progenitor Cells.** D. M. Schwartz<sup>1</sup>, N. Nagy<sup>1</sup>, L. S. Cheng<sup>1,2</sup>, K. Kitano<sup>1</sup>, H. C. Ott<sup>1</sup>, A. M. Goldstein<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Boston, MA, USA <sup>2</sup>University Of California - San Francisco, San Francisco, CA, USA

**61.04. Improving the Efficacy of Liposomal-Mediated Vascular Gene Therapy via Lipid Surface Modifications .** R. K. Fisher<sup>1</sup>, S. I. Mattern-Schain<sup>2</sup>, M. D. Best<sup>2</sup>, S. S. Kirkpatrick<sup>1</sup>, M. B. Freeman<sup>1</sup>, O. H. Grandas<sup>1</sup>, D. J. Mountain<sup>1</sup> <sup>1</sup>University Of Tennessee Graduate School Of Medicine, Department Of Surgery, Knoxville, TN, USA <sup>2</sup>University Of Tennessee, Department Of Chemistry, Knoxville, TN, USA

**61.05. Characterization of Scar Forming Fibroblasts.** A. L. Moore<sup>1,2</sup>, C. D. Marshall<sup>2</sup>, U. Litzenburger<sup>2</sup>, E. A. Brett<sup>2</sup>, L. A. Barnes<sup>2</sup>, R. C. Ransom<sup>2</sup>, M. S. Hu<sup>2,3</sup>, G. Walmsley<sup>2</sup>, T. Leavitt<sup>2,4</sup>, H. Y. Chang<sup>2</sup>, H. P. Lorenz<sup>2</sup>, M. T. Longaker<sup>2</sup> <sup>1</sup>Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Stanford University School Of Medicine, Department Of Surgery, Palo Alto, CA, USA <sup>3</sup>University Of Hawaii, John A. Burns School Of Medicine, Department Of Surgery, Honolulu, HI, USA <sup>4</sup>Boston University School Of Medicine, Boston, MA, USA

**61.06. Feasibility and Scalability of Spring Parameters in Distraction Enterogenesis in a Murine Model.** N. Huynh<sup>1</sup>, J. D. Rouch<sup>1</sup>, G. Dubrovsky<sup>1</sup>, A. Scott<sup>1</sup>, M. Stelzner<sup>2</sup>, S. Shekherdimian<sup>1</sup>, J. Dunn<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Division Of Pediatric Surgery, Department Of Surgery, David Geffen School Of Medicine, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Division Of General Surgery, Department Of Surgery, Los Angeles, CA, USA

**61.07. Placement of Tissue Engineered Small Intestine in Newborn Pig.** L. Y. Martin<sup>1</sup>, M. Ladd<sup>1</sup>, H. Jia<sup>1</sup>, C. Sodhi<sup>1</sup>, A. Werts<sup>1</sup>, Y. Yamaguchi<sup>1</sup>, D. Nino<sup>1</sup>, P. Lu<sup>1</sup>, Q. Zhou<sup>1</sup>, J. Sung<sup>1</sup>, W. Fulton<sup>1</sup>, T. Prindle<sup>1</sup>, E. Banfield<sup>1</sup>, D. Hackam<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

**61.08. IL-10 Regulates the Perivascular Hyaluronan Metabolism to Improve Pulmonary Hypertension in CDH.** S. Balaji<sup>1</sup>, M. Shah<sup>2</sup>, X. Wang<sup>1</sup>, M. Phillips<sup>2</sup>, M. Fahrenholtz<sup>1</sup>, C. M. Moles<sup>1</sup>, M. Rae<sup>1</sup>, S. G. Keswani<sup>1</sup>, S. E. Mclean<sup>2</sup> <sup>1</sup>Texas Children's Hospital And Baylor College Of Medicine, Division Of Pediatric Surgery, Houston, TX, USA <sup>2</sup>University Of North Carolina At Chapel Hill School Of Medicine, Division Of Pediatric Surgery, Chapel Hill, NC, USA

**61.09. Using Small Molecule Screens to Identify New IRF6 Pathways and Mitigate Orofacial Cleft Pathogenesis.** E. Li<sup>1,2,3</sup>, B. Garrity<sup>1,2,3</sup>, D. Truong<sup>1,2,3</sup>, K. Mukherjee<sup>1,2,3</sup>, E. C. Liao<sup>1,2,3</sup> <sup>1</sup>Massachusetts General Hospital, Boston, MA, USA <sup>2</sup>Harvard Medical School, Boston, MA, USA <sup>3</sup>Harvard Stem Cell Institute, Cambridge, MA, USA

**61.10. Critical Intestinal Cells Originate From the Host in Enteroid-Derived Tissue Engineered Intestine.** B. Cromeens<sup>1</sup>, Y. Wang<sup>1</sup>, Y. Liu<sup>1</sup>, J. Johnson<sup>2</sup>, G. E. Besner<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA <sup>2</sup>Nanofiber Solutions, Inc., Columbus, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions II****62. BASIC SCIENCE: PEDIATRICS ORAL**

BRAHMS 3

**MODERATORS: Bradley J. Segura, MD, PhD & Kasper S. Wang, MD**

- 62.01. Evaluating the Efficacy of Different Types of Stem Cells in Preserving Gut Barrier Function in NEC.** C. McCulloh<sup>1</sup>, J. Olson<sup>1</sup>, Y. Wang<sup>1</sup>, J. Vu<sup>1</sup>, S. Gartner<sup>1</sup>, G. E. Besner<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Columbus, OH, USA
- 62.02. H<sub>2</sub>S Improves Intestinal Perfusion and Integrity After Ischemia by Nitric Oxide Dependent Pathways.** A. Jensen<sup>1</sup>, N. Drucker<sup>1</sup>, S. Khaneki<sup>1</sup>, T. Markel<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA
- 62.03. Enhanced serotonin signaling stimulates mucosal growth along the entire small intestine.** C. J. Greig<sup>1</sup>, R. A. Cowles<sup>1</sup> <sup>1</sup>Yale School Of Medicine, Department Of Surgery, New Haven, CT, USA
- 62.04. ML327 Induces H3K9 Acetylation and Differentiation in Neuroblastoma.** E. J. Rellinger<sup>2</sup>, C. Padmanabhan<sup>2</sup>, B. T. Craig<sup>2</sup>, H. An<sup>2</sup>, J. Qiao<sup>2</sup>, J. Zhu<sup>2</sup>, A. Waterson<sup>2</sup>, C. Lindsley<sup>2</sup>, D. Beauchamp<sup>2</sup>, D. H. Chung<sup>2</sup> <sup>2</sup>Vanderbilt University Medical Center, Section Of Surgical Sciences, Nashville, TN, USA
- 62.05. Bowel Dysfunction in Hirschsprung Disease is Associated with an Overabundance of Nitrergic Neurons.** L. S. Cheng<sup>1,2</sup>, D. M. Schwartz<sup>2</sup>, R. Hotta<sup>2</sup>, H. K. Graham<sup>2</sup>, A. M. Goldstein<sup>2</sup> <sup>1</sup>University Of California - San Francisco, Surgery, San Francisco, CA, USA <sup>2</sup>Massachusetts General Hospital, Pediatric Surgery, Boston, MA, USA
- 62.06. Inhibition of Necroptosis Attenuates Lung Injury and Improves Survival in Neonatal Sepsis.** A. C. Bolognese<sup>1,2</sup>, W. Yang<sup>1,2,3</sup>, L. W. Hansen<sup>2</sup>, J. Nicastro<sup>2</sup>, G. F. Coppa<sup>2</sup>, P. Wang<sup>1,2,3</sup> <sup>1</sup>Elmezzzi Graduate School Of Molecular Medicine, Manhasset, NY, USA <sup>2</sup>Hofstra Northwell School Of Medicine, Department Of Surgery, Manhasset, NY, USA <sup>3</sup>The Feinstein Institute For Medical Research, Center For Immunology And Inflammation, Manhasset, NY, USA
- 62.07. Lactobacillus Murinus Protects Against Necrotizing Enterocolitis in Standard Rat Model of NEC.** M. Isani<sup>1</sup>, J. Bowling<sup>1</sup>, C. Moneme<sup>1</sup>, K. A. Durairaj<sup>1</sup>, M. Elizee<sup>1</sup>, J. Golden<sup>1</sup>, B. Bell<sup>1</sup>, L. Illingworth<sup>1</sup>, G. Anatoly<sup>1</sup>, H. Ford<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Los Angeles, CA, USA
- 62.08. Enteric Glial-Mediated Enhancement of Intestinal Barrier Integrity is Compromised by Morphine.** B. D. Bauman<sup>1</sup>, A. Louiselle<sup>1</sup>, E. Zheng<sup>1</sup>, J. Meng<sup>1</sup>, S. Roy<sup>1</sup>, B. Segura<sup>1</sup> <sup>1</sup>University Of Minnesota, Minneapolis, MN, USA
- 62.09. Renal Injury in Premature Lambs Supported by the Artificial Placenta.** J. S. McLeod<sup>1,4</sup>, J. T. Church<sup>1,2</sup>, M. A. Coughlin<sup>1,5</sup>, E. M. Perkins<sup>2</sup>, R. H. Bartlett<sup>2</sup>, R. Rabah<sup>3</sup>, G. B. Mychaliska<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Pediatric Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of General Surgery, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, Department Of Pediatric And Perinatal Pathology, Ann Arbor, MI, USA <sup>4</sup>Detroit Medical Center, Michael And Marian Ilitch Department Of Surgery, Detroit, MI, USA <sup>5</sup>Henry Ford Health System, Department Of General Surgery, Detroit, MI, USA
- 62.10. Human Stem Cell-Derived Neural Crest Cells Restore Neurons and Glia in Hirschsprung Disease Colon .** C. R. Schlieve<sup>1</sup>, K. L. Fowler<sup>1</sup>, I. Hajjali<sup>1</sup>, X. Hou<sup>1</sup>, T. C. Grikscheit<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions II

#### 63. BASIC SCIENCE: CELLULAR & MOLECULAR BIOLOGY, EXPERIMENTAL THERAPEUTICS ORAL

BRAHMS 4

#### MODERATORS: Attila Szijarto, MD, PhD & Allan Tsung, MD

**63.01. \*ESSR BRENDAL PRIZE WINNER Obeticholic acid accelerates liver regeneration following portal vein embolization in a rabbit model.** P. B. Olthof<sup>1</sup>, F. Huisman<sup>1</sup>, K. Van Lienden<sup>2</sup>, R. F. Van Golen<sup>1</sup>, M. Heger<sup>1</sup>, J. Verheij<sup>3</sup>, F. F. Schaap<sup>4</sup>, P. L. Jansen<sup>4</sup>, S. W. Olde Damink<sup>4</sup>, T. Van Gulik<sup>1</sup> <sup>1</sup>Academic Medical Center, Surgery, Amsterdam, ZUID-HOLLAND, Netherlands <sup>2</sup>Academic Medical Center, Radiology, Amsterdam, ZUID-HOLLAND, Netherlands <sup>3</sup>Academic Medical Center, Pathology, Amsterdam, ZUID-HOLLAND, Netherlands <sup>4</sup>NUTRIM School Of Nutrition And Translational Research In Metabolism, Maastricht University, Surgery, Maastricht, LIMBURG, Netherlands

**63.02. Del1 Knockout Affects Bone Cartilage Stroma Progenitor Cells Following Femur Fracture in Mice.** T. V. Boyko<sup>1,2</sup>, O. Marecic<sup>1</sup>, E. Y. Seo<sup>1</sup>, C. K. Chan<sup>1</sup>, T. Leavitt<sup>1</sup>, M. T. Longaker<sup>1</sup>, G. P. Yang<sup>1,3</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA <sup>2</sup>State University Of New York At Buffalo, Surgery, Buffalo, NY, USA <sup>3</sup>VA Palo Alto Healthcare Systems, Surgery, Palo Alto, CA, USA

**63.03. Inflammatory Cytokine Regulation of Extracellular Matrix Results in Attenuated Renal Fibrosis.** X. Wang<sup>1</sup>, P. Duann<sup>1</sup>, C. Lu<sup>1</sup>, C. Moles<sup>1</sup>, H. Li<sup>1</sup>, M. Fahrenholtz<sup>1</sup>, M. Rae<sup>1</sup>, Y. Dhamija<sup>1</sup>, J. Cheng<sup>2</sup>, S. Balaji<sup>1</sup>, S. Keswani<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Surgery, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Medicine, Houston, TX, USA

**63.04. Hepatic Exosomes Regulated by Rab27a Promote Liver Ischemia/Reperfusion (I/R) Injury.** M. Yang<sup>1,2</sup>, Q. DU<sup>1</sup>, P. R. Varley<sup>1</sup>, J. Goswami<sup>1</sup>, R. Wang<sup>1</sup>, B. Chen<sup>1</sup>, N. D. Anderson<sup>1</sup>, D. B. Stolz<sup>3</sup>, D. A. Geller<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>The First Hospital Affiliated To Nanchang University, Department Of Surgery And Department Of Transplantation, Nanchang, JIANGXI, China <sup>3</sup>University Of Pittsburgh, Center Of Biology Imaging, Pittsburgh, PA, USA

**63.05. Endogenous Intestinal Alkaline Phosphatase Modulates Inflammatory Pathways and Homeostasis in the Gut.** F. M. Kuehn<sup>1</sup>, S. R. Hamarneh<sup>1</sup>, J. M. Ramirez<sup>1</sup>, A. R. Munoz<sup>1</sup>, F. Adiliaghdam<sup>1</sup>, S. A. Morrison<sup>1</sup>, R. A. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA

**63.06. Intestinal Alkaline Phosphatase Regulates Gut Barrier Function And Enhances Life Span In Drosophila.** F. Adiliaghdam<sup>1</sup>, A. Tsurumi<sup>1,2,3</sup>, Y. Dhoe<sup>1</sup>, J. Ramirez<sup>1</sup>, F. Kuehn<sup>1</sup>, A. Munoz<sup>1</sup>, S. Hamarneh<sup>1</sup>, L. Rahme<sup>1,2,3</sup>, R. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, General Surgery, Boston, MA, USA <sup>2</sup>Shriners Hospitals For Children, Boston, MA, USA <sup>3</sup>Harvard School Of Medicine, Department Of Microbiology And Immunobiology, Brookline, MA, USA

**63.07. EP2 Receptor Blockade Decreases Intestinal Barrier Breakdown Following Cecal Ligation and Puncture.** J. Golden<sup>1</sup>, P. Kavarian<sup>1</sup>, L. Illingworth<sup>1</sup>, J. Uppuluri<sup>1</sup>, O. Escobar<sup>1</sup>, M. Isani<sup>1</sup>, C. Gayer<sup>1</sup>, A. Grishin<sup>1</sup>, H. Ford<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA

**63.08. Menin/MicroRNA-24 Regulatory Axis Drives Hepatic Fibrosis in Mdr2<sup>-/-</sup> Mice.** C. Hall<sup>1</sup>, L. Ehrlich<sup>2</sup>, T. Shepperd<sup>2</sup>, A. O'Brien<sup>2</sup>, G. Alpini<sup>2</sup>, S. Glaser<sup>2</sup>, T. C. Lairmore<sup>1</sup> <sup>1</sup>Scott & White Healthcare, Surgery, Temple, Texas, USA <sup>2</sup>Texas A & M Health Science Center College Of Medicine, Bryan, TX, USA

**63.09. Blockade of Canonical Notch Signaling in Helper T-Cells Impairs Wound Healing.** A. S. Kimball<sup>1</sup>, A. Boniakowski<sup>1</sup>, A. Joshi<sup>1</sup>, M. Schaller<sup>1</sup>, R. Allen<sup>1</sup>, P. Henke<sup>1</sup>, I. Maillard<sup>1</sup>, S. Kunkel<sup>1</sup>, K. Gallagher<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**63.10. The Role of the Etoposide Induced 2.4 Gene Ei24 in Regulating Pancreatic  $\kappa$ Cell Function.** S. R. Hamarneh<sup>1</sup>, J. M. Ramirez Decrescenzo<sup>1</sup>, F. M. Kuehn<sup>1</sup>, A. R. Munoz<sup>1</sup>, S. Morrison<sup>1</sup>, F. Adiliaghdam<sup>1</sup>, R. A. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, General & Gastrointestinal Surgery, Boston, MA, USA

**64.01. Drivers of Variation in 90-day Episode Payments for Coronary Artery Bypass Grafts (CABG).** V. Guduguntla<sup>1,2,5</sup>, J. Syrjamaki<sup>1,5</sup>, C. Ellimoottil<sup>1,3,4,5</sup>, D. Miller<sup>1,3,4,5</sup>, P. Theurer<sup>1,6</sup>, D. Likosky<sup>1,7</sup>, J. Dupree<sup>1,3,4,5</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Medical School, Ann Arbor, MI, USA <sup>3</sup>Institute For Healthcare Policy And Innovation, Ann Arbor, MICHIGAN, USA <sup>4</sup>Dow Division Of Health Services Research, Department Of Urology, Ann Arbor, MICHIGAN, USA <sup>5</sup>Michigan Value Collaborative, Ann Arbor, MICHIGAN, USA <sup>6</sup>The Michigan Society Of Thoracic And Cardiovascular Surgeons Quality Collaborative, Ann Arbor, MICHIGAN, USA <sup>7</sup>Section Of Health Services Research And Quality, Department Of Cardiac Surgery, Ann Arbor, MICHIGAN, USA

**64.02. Learning curve of minimally invasive Ivor-Lewis esophagectomy.** F. Van Workum<sup>1</sup>, G. H. Berkelman<sup>3</sup>, A. E. Slaman<sup>4</sup>, M. Stenstra<sup>1</sup>, M. I. Van Berge Henegouwen<sup>4</sup>, S. S. Gisbertz<sup>4</sup>, F. J. Van Den Wildenberg<sup>5</sup>, F. Polat<sup>6</sup>, M. Nilsson<sup>2</sup>, T. Irino<sup>2</sup>, G. A. Nieuwenhuijzen<sup>3</sup>, M. D. Luyer<sup>3</sup>, C. Rosman<sup>1</sup> <sup>1</sup>Radboudumc, Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Karolinska Institutet, Surgery, Stockholm, Sweden <sup>3</sup>Catharina Hospital, Surgery, Eindhoven, BRABANT, Netherlands <sup>4</sup>AMC, Surgery, Amsterdam, NOORD HOLLAND, Netherlands <sup>5</sup>Canisius-Wilhelmina Ziekenhuis, Surgery, Nijmegen, GELDERLAND, Netherlands

**64.04. Sequelae of Donor-Derived Ureaplasma Transmission in Lung Recipients.** R. Fernandez<sup>1</sup>, M. M. DeCamp<sup>1</sup>, D. D. Odell<sup>1</sup>, A. Bharat<sup>1</sup> <sup>1</sup>Feinberg School Of Medicine - Northwestern University, Division Of Thoracic Surgery, Chicago, IL, USA

**64.05. Venous thromboembolism Following Lung Transplantation: A study of the National Inpatient Sample..** J. K. Aboagye<sup>1</sup>, J. W. Hayanga<sup>4</sup>, B. D. Lau<sup>1</sup>, D. Shaffer<sup>1</sup>, P. Kraus<sup>2</sup>, D. Hobson<sup>1</sup>, M. Streiff<sup>3</sup>, J. D'Cuhna<sup>4</sup>, E. R. Haut<sup>1,5</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins School Of Medicine, Pharmacy, Baltimore, MD, USA <sup>3</sup>Johns Hopkins University School Of Medicine, Hematology, Baltimore, MD, USA <sup>4</sup>University Of Pittsburgh Medical Center, Cardiothoracic Surgery, Pittsburgh, PA, USA <sup>5</sup>Johns Hopkins Bloomberg School Of Public Health, Health Policy, Baltimore, MD, USA

**64.06. Outcomes and Costs of Surgical versus Transcatheter Aortic Valve Replacement.** Y. Juo<sup>1</sup>, A. Mantha<sup>1</sup>, P. Benharash<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA

**64.07. Grade of Differentiation Affects Survival after Lobectomy for Stage-I Neuroendocrine Cancer.** D. T. Nguyen<sup>4</sup>, J. P. Fontaine<sup>1,2,3</sup>, L. A. Robinson<sup>1,2,3</sup>, R. J. Keenan<sup>1,2,3</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA

**64.08. Preoperative Intraaortic Balloon Support: Is it Necessary for Significant Left Main Disease?.** A. Fiedler<sup>1</sup>, C. Walsh<sup>1</sup>, G. Tolis<sup>1</sup>, G. Vlahakes<sup>1</sup>, T. MacGillivray<sup>1</sup>, T. Sundt<sup>1</sup>, S. Melnitchouk<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Cardiac Surgery, Boston, MA, USA

**64.09. Radiation Therapy Did Not Improve Survival Over Surgery Alone for Stage-3A(N2) Lung Cancer in SEER.** D. T. Nguyen<sup>4</sup>, C. C. Moodie<sup>1</sup>, J. R. Garrett<sup>1</sup>, J. P. Fontaine<sup>1,2,3</sup>, R. J. Keenan<sup>1,2,3</sup>, L. A. Robinson<sup>1,2,3</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA

**64.10. Documentation Initiative Leads to Improved Quality Metrics in Cardiac Surgical Patients.** J. R. Gillen<sup>1</sup>, L. Jin<sup>2</sup>, J. M. Isbell<sup>3</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Virginia, Surgery, Charlottesville, VA, USA <sup>3</sup>Memorial Sloan-Kettering Cancer Center, Thoracic Surgery, New York, NY, USA

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions II

#### 65. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 3 ORAL

CHOPIN 2

**MODERATORS: Courtney Balentine, MD & Michael W. Yeh, MD**

TUESDAY

WEDNESDAY

THURSDAY

#### 65.01. Burden of Chronic Post-Operative Pain in Patients Undergoing Open Repair of Complex Ventral Hernias.

C. G. DeLong<sup>1</sup>, J. A. Doble<sup>1</sup>, J. Miller<sup>1</sup>, E. M. Pauli<sup>1</sup>, D. I. Soybel<sup>1</sup> <sup>1</sup>Pennsylvania State University College Of Medicine, Department Of Surgery, Hershey, PA, USA

#### 65.02. Predicting The Difficulty Of Elective Laparoscopic Cholecystectomy - A Novel Scoring System.

N. M. Hanna<sup>1</sup>, E. A. Villatoro<sup>1</sup> <sup>1</sup>King's Mill Hospital, General Surgery, Mansfield, NOTTINGHAMSHIRE, United Kingdom

#### 65.03. Disease and Treatment Factors Associated with Lower Quality of Life Scores in Adults with MEN-1.

S. Goswami<sup>1</sup>, B. J. Peipert<sup>1</sup>, S. E. Yount<sup>3,4</sup>, C. Sturgeon<sup>1</sup> <sup>1</sup>Feinberg School Of Medicine - Northwestern University, Department Of Surgery, Chicago, IL, USA <sup>3</sup>Feinberg School Of Medicine - Northwestern University, Department Of Medical Social Sciences, Chicago, IL, USA <sup>4</sup>Feinberg School Of Medicine - Northwestern University, Department Of Psychiatry And Behavioral Sciences, Chicago, IL, USA

#### 65.04. Parathyroid histology plays a role in the localization sensitivity of Tc-99m sestamibi scans.

V. Sant<sup>1</sup>, A. Kundel<sup>1</sup>, J. Ogilvie<sup>1</sup>, K. Patel<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Endocrine Surgery, New York, NY, USA

#### 65.05. Implementing a Protocol to Prevent Dehydration Readmissions in Ileostomy Patients.

P. D. Henry<sup>1</sup>, A. W. Trickey<sup>1</sup>, M. W. Laporta<sup>2</sup>, K. A. Matzie<sup>1</sup>, C. Allred<sup>1</sup>, L. Dougherty<sup>1</sup> <sup>1</sup>Inova Fairfax Hospital, Department Of Surgery, Falls Church, VA, USA <sup>2</sup>Thomas Jefferson University, Division Of Acute Care Surgery, Department Of Surgery, Philadelphia, PA, USA

#### 65.06. Standardized Ultrasound Reports for Diagnosing Appendicitis Reduce Annual Imaging Costs.

A. Nordin<sup>1</sup>, S. Sales<sup>1</sup>, J. Nielsen<sup>1</sup>, B. Adler<sup>2,3</sup>, D. Bates<sup>2,3</sup>, B. Kenney<sup>1,3</sup> <sup>1</sup>Nationwide Children's Hospital, Department Of Surgery, Columbus, OH, USA <sup>2</sup>Nationwide Children's Hospital, Department Of Radiology, Columbus, OH, USA <sup>3</sup>The Ohio State University College Of Medicine, Columbus, OH, USA

#### 65.07. Patient-Reported Quality of Life Outcomes after Bariatric Surgery: a Single Institution Review.

A. J. Vogel<sup>1</sup>, N. Shah<sup>1</sup>, A. O. Lidor<sup>1</sup>, J. A. Greenberg<sup>1</sup>, Y. Shan<sup>1</sup>, X. Wang<sup>1</sup>, L. M. Funk<sup>1</sup> <sup>1</sup>University Of Wisconsin-Madison, Department Of Surgery, Madison, WI, USA

#### 65.08. Epidural Utilization during Pancreatectomy: An ACS-NSQIP Assessment of Perioperative Outcomes.

G. G. Kasumova<sup>1</sup>, O. Tabatabaie<sup>1</sup>, S. Logarajah<sup>1</sup>, A. Fadayomi<sup>1</sup>, S. Ng<sup>1</sup>, J. F. Tseng<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Surgical Outcomes Analysis & Research, Department Of Surgery, Boston, MA, USA

#### 65.09. Improving Efficacy of Postoperative Care for Laparoscopic Surgery Through Telemedicine.

C. Jenny<sup>1</sup>, K. Gardner<sup>1</sup>, C. Ziegler<sup>1</sup>, E. Sutton<sup>1</sup> <sup>1</sup>University Of Louisville, School Of Medicine, Louisville, KY, USA

#### 65.10. Statewide Assessment of Surgical Outcomes and the Acute Care Surgery Model.

N. L. Bandy<sup>1</sup>, S. DeShields<sup>1</sup>, R. C. Britt<sup>1</sup> <sup>1</sup>Eastern Virginia Medical School, Norfolk, VA, USA

7:30 AM - 9:30 AM

**Integrated Oral Presentation Sessions II****66. CLINICAL/OUTCOMES: GENERAL SURGERY - QUALITY OF CARE ORAL**

CHOPIN 3

**MODERATORS: Samuel R. G. Finlayson, MD, MPH & Elise H. Lawson, MD, MSHS****66.01. RACS Younger Fellows Leadership Exchange Visitor:**

**Bariatric Surgery in the Land of the Long White Cloud (Aotearoa/New Zealand).** A. D. MacCormick<sup>1</sup>, A. D. MacCormick<sup>1</sup> <sup>1</sup>University Of Auckland, Surgery, Auckland, AUCKLAND, New Zealand

**66.02. Decreased Inpatient Mortality after Hepatic Resection**

**in a State Population.** D. A. Hashimoto<sup>1</sup>, Y. J. Bababekov<sup>2</sup>, S. M. Stapleton<sup>2</sup>, I. H. Marks<sup>2</sup>, K. D. Lillemoe<sup>1</sup>, D. C. Chang<sup>2</sup>, P. A. Vagefi<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Massachusetts General Hospital, Codman Center For Clinical Effectiveness In Surgery, Boston, MA, USA

**66.03. Increased Adoption of Bundled Measures Decreases Surgical Site Infection Rate for Colectomy.**

L. Ly<sup>1</sup>, J. Cedarbaum<sup>1</sup>, Y. Chen<sup>1</sup>, A. Hjelmaas<sup>1</sup>, R. Anand<sup>1</sup>, S. Collins<sup>2</sup>, S. Regenbogen<sup>2</sup> <sup>1</sup>University Of Michigan, Medical School, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

**66.04. Impact of Complications after Pancreatectomy in the ACS NSQIP Procedure-Targeted Database.**

J. A. Mirrieles<sup>1</sup>, S. M. Weber<sup>1</sup>, C. C. Greenberg<sup>1</sup>, J. R. Schumacher<sup>1</sup>, J. E. Scarborough<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA

**66.05. Utility of the 10 Hounsfield Unit Threshold for Identifying Adrenal Adenomas: Can We Improve?**

M. Kohli<sup>1</sup>, R. Randle<sup>1</sup>, S. Pitt<sup>1</sup>, D. Schneider<sup>1</sup>, R. Sippel<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA

**66.06. Population-Based Evaluation of Enhanced Recovery**

**Protocol Implementation in Michigan .** E. George<sup>1</sup>, G. Krapohl<sup>3</sup>, S. E. Regenbogen<sup>2,3</sup> <sup>1</sup>University Of Michigan, Health Science Scholars Program, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, Michigan Surgical Quality Collaborative, Ann Arbor, MI, USA

**66.07. Does Practice Make Perfect: The Impact of Resident**

**Participation in Cholecystectomy at VA Hospitals.** L. Martin<sup>1,2</sup>, C. Zhang<sup>1</sup>, A. Presson<sup>1</sup>, R. Nirula<sup>1</sup>, W. Peche<sup>1,2</sup>, B. Brooke<sup>1,2</sup> <sup>1</sup>University Of Utah, Salt Lake City, UT, USA <sup>2</sup>VA Salt Lake City Health Care System, Salt Lake City, UT, USA

**66.08. Variations in HIDA Scan-based Gallbladder Ejection**

**Fractions Over Time in Suspected Biliary Dyskinesia.** E. Wiesner<sup>1,2</sup>, L. Martin<sup>1,2</sup>, W. Peche<sup>1,2</sup>, J. Langell<sup>1,2</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>VA Salt Lake City Health Care System, Center Of Innovation, Salt Lake City, UT, USA

**66.09. Preoperative Depression is Associated With Adverse Post-Surgical Outcomes in General Surgery Patients.**

D. S. Lee<sup>1,2</sup>, L. Marsh<sup>3,4</sup>, M. Garcia-Altieri<sup>3,4</sup>, K. Makris<sup>1,2</sup>, L. Chiu<sup>1,2</sup>, N. Becker<sup>1,2</sup>, S. S. Awad<sup>1,2</sup> <sup>3</sup>Baylor College Of Medicine, Psychiatry, Houston, TX, USA <sup>4</sup>Michael E. DeBakey VA Medical Center, Psychiatry, Houston, TX, USA <sup>1</sup>Baylor College Of Medicine, General Surgery, Houston, TX, USA <sup>2</sup>Michael E. DeBakey VAMC, General Surgery, Houston, TX, USA

**66.10. eCART Before the Hearse: Predicting Severe Adverse**

**Events in Over 30,000 Surgical Inpatients.** B. Bartkowiak<sup>1</sup>, A. M. Snyder<sup>1</sup>, A. Benjamin<sup>2</sup>, A. Schneider<sup>2</sup>, N. M. Twu<sup>1</sup>, M. M. Churpek<sup>1</sup>, D. P. Edelson<sup>1</sup>, K. K. Roggin<sup>2</sup> <sup>1</sup>University Of Chicago, Department Of Medicine, Chicago, IL, USA <sup>2</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions II

#### 67. CLINICAL/OUTCOMES: ONCOLOGY - PATIENT CENTERED OUTCOMES 2 ORAL

CHOPIN 4

**MODERATORS: Kamran Idrees, MD & Bernard M. Smithers, MBBS, FRACS**

**67.01. \*SRS OF SA SCEALES-ANTROBUS PRIZE WINNER CHALLENGING THE THRESHOLD FOR INTERVENTION IN BREAST CANCER RELATED LYMPHOEDEMA.** C. D. Ness<sup>1</sup>, I. Buccimazza<sup>2</sup>, B. Sartorius<sup>3</sup>, S. S. Maharaj<sup>1</sup> <sup>1</sup>Physiotherapy Dept. Health Sciences, UKZN <sup>2</sup>Breast Unit, Dept. of General Surgery, Nelson R Mandela School of Medicine <sup>3</sup>UKZN, Discipline of public Health, Bio-medical and statistics (UKZN)

**67.02. Columbian Surgical Association Visitor: Role Of Expertise In Nodal Dissection For Gastric Cancer. B. A. Borraez-Segura<sup>1,2</sup>,** R. Oliveros<sup>1</sup>, O. Guevara<sup>1</sup>, M. E. Manrique<sup>1</sup>, I. D. Martin<sup>2</sup>, B. A. Borraez-Segura<sup>1,2</sup> <sup>1</sup>Instituto Nacional De Cancerologia, Gastro-intestinal Surgery And Digestive Endoscopy, Bogota, BOGOTA, Colombia <sup>2</sup>Fundación Clínica Shaio, General Surgery, Bogota, BOGOTA, Colombia

**67.03. Patients with Low or High BMI are at Higher Risk for Nipple/Skin Loss After Nipple Sparing Mastectomy.** E. M. Urrechaga<sup>1</sup>, A. Soran<sup>1,2</sup>, P. F. McAuliffe<sup>1,2,3</sup>, R. R. Johnson<sup>1,2</sup>, C. Thomas<sup>1,2</sup>, M. Bonaventura<sup>1,2</sup>, G. M. Ahrendt<sup>1,2</sup>, E. J. Diego<sup>1,2</sup> <sup>3</sup>Magee-Womens Research Institute, Pittsburgh, PA, USA <sup>1</sup>University Of Pittsburgh, Pittsburgh, PA, USA <sup>2</sup>Magee-Womens Hospital Of UPMC, Pittsburgh, PA, USA

**67.04. Survival in DCIS Patients Undergoing Surgery versus Patients Not Undergoing Surgery.** P. Singh<sup>1</sup>, M. Miller<sup>2</sup>, C. Wang<sup>4</sup>, D. J. Winchester<sup>3</sup>, C. Pesce<sup>3</sup>, E. Barrera<sup>3</sup>, K. Yao<sup>3</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA <sup>2</sup>Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA <sup>3</sup>Northshore University Health System, Surgery, Evanston, IL, USA <sup>4</sup>Northshore University Health System, Center For Biomedical Research Informatics, Evanston, IL, USA

**67.05. The Effect of Adjuvant Chemotherapy on Overall Survival in Patients with Synovial Sarcoma.** C. C. Vining<sup>1</sup>, A. J. Sinnamon<sup>1</sup>, M. G. Neuwirth<sup>1</sup>, B. L. Ecker<sup>1</sup>, R. R. Kelz<sup>1</sup>, D. L. Fraker<sup>1</sup>, R. E. Roses<sup>1</sup>, G. C. Karakousis<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Department Of Endocrine And Oncologic Surgery, Philadelphia, PA, USA

**67.06. Current surgical practice in prevention of lymphedema in breast cancer patients.** D. Balaji<sup>1</sup>, T. Hughes<sup>2</sup>, A. Chagpar<sup>1</sup> <sup>1</sup>Yale University, Surgery, New Haven, CT, USA <sup>2</sup>McPherson Hospital, Surgery, McPherson, KS, USA

**67.07. Plantar Foot Melanoma – The Inaccuracy of the Initial Biopsy and Inadequacy of Resection Margins.** J. E. Miller<sup>1</sup>, S. A. Debolle<sup>1</sup>, T. N. Ballard<sup>2</sup>, A. B. Durham<sup>3</sup>, J. H. Kozlow<sup>2</sup> <sup>1</sup>University Of Michigan, Medical School, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan, Department Of Dermatology, Ann Arbor, MI, USA

**67.08. Transthoracic Versus Transhiatal Esophagectomy: Is there a More Favorable Approach?** M. Baratta<sup>3</sup>, R. Shridhar<sup>2</sup>, P. Briceno<sup>1</sup>, S. Kucera<sup>4</sup>, A. Patel<sup>5</sup>, J. Lee<sup>1</sup>, J. Huston<sup>1</sup>, K. Meredith<sup>1</sup> <sup>1</sup>Florida State University College Of Medicine/Sarasota Memorial Health Care System, Gastrointestinal Oncology, Sarasota, FL, USA <sup>2</sup>University Of Central Florida, Radiation Oncology, Sarasota, FL, USA <sup>3</sup>Florida State University College Of Medicine, Sarasota, FL, USA <sup>4</sup>Florida State University College Of Medicine/Sarasota Memorial Health Care System, Endoscopic Oncology, Sarasota, FL, USA <sup>5</sup>Florida Cancer Specialists, Medical Oncology, Sarasota, FL, USA

**67.09. Clinical and Epidemiological Factors Associated with Suicide in Colorectal Cancer.** T. Pham<sup>1</sup>, A. Talukder<sup>1</sup>, N. Walsh<sup>1</sup>, A. Lawson<sup>1</sup>, A. Jones<sup>1</sup>, E. J. Kruse<sup>1</sup> <sup>1</sup>Medical College Of Georgia, Surgery, Augusta, GA, USA

**67.10. Comparing Pathological T stage with Next Generation Sequencing in Melanoma.** L. Selesner<sup>1</sup>, M. Renzetti<sup>1</sup>, I. Soliman<sup>1</sup>, H. Wu<sup>1</sup>, B. Luo<sup>1</sup>, A. Olszanski<sup>1</sup>, S. Movva<sup>1</sup>, M. Lango<sup>1</sup>, S. Reddy<sup>1</sup>, F. Zih<sup>1</sup>, J. M. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

## Integrated Oral Presentation Sessions II

### 68. CLINICAL/OUTCOMES: ONCOLOGY 2 ORAL

DEBUSSY 1

**MODERATORS: Cherif Boutros, MD, MSc & Hiromichi Ito, MD**

**68.01. Taiwan Surgical Association Visitor: The Short and Long-term results of Laparoscopic, Open hepatectomy for HCC. M-T. Huang<sup>1</sup>, C. Chin-An<sup>1</sup>** <sup>1</sup>Taipei Medical University - Shuang Ho Hospital, Surgery, New Taipei City, Taiwan

**68.02. Indications for the Use of Total Parenteral Nutrition in Patients Undergoing Pancreaticoduodenectomy.** C. E. Worsh<sup>1</sup>, T. Tatarian<sup>1</sup>, A. Singh<sup>1</sup>, M. J. Pucci<sup>1</sup>, J. M. Winter<sup>1</sup>, C. J. Yeo<sup>1</sup>, H. Lavu<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Department Of Surgery, Jefferson Pancreas, Biliary And Related Cancer Center, Philadelphia, PA, USA

**68.03. Impact of Endocrinologist and Surgeon Density on Thyroid Cancer Survival.** A. D. McDow<sup>1</sup>, W. E. Zahnd<sup>1</sup>, P. Angelos<sup>2</sup>, N. Lanzotti<sup>1</sup>, J. D. Mellinger<sup>1</sup>, S. Ganai<sup>1</sup> <sup>1</sup>Southern Illinois University School Of Medicine, General Surgery, Springfield, IL, USA <sup>2</sup>University Of Chicago, Endocrine Surgery, Chicago, IL, USA

**68.04. A Fast and Frugal Decision Tree Model to Predict Opioid Adverse Events Following Oncologic Resection.** S. A. Brownlee<sup>1</sup>, S. G. Pappas<sup>2</sup>, L. A. Gil<sup>1</sup>, A. Cobb<sup>1,2</sup>, P. C. Kuo<sup>1,2</sup>, A. N. Kothari<sup>1,2</sup>, G. J. Abood<sup>2</sup> <sup>1</sup>Loyola University Medical Center, One:MAP Division Of Clinical Informatics And Analytics, Maywood, IL, USA <sup>2</sup>Loyola University Medical Center, Department Of Surgery, Maywood, IL, USA

**68.05. Transplant Offers Survival Benefit Over Resection for Patients with HCC and Preserved Liver Function.** J. B. Liu<sup>1,2</sup>, T. B. Baker<sup>2</sup>, N. Suss<sup>3</sup>, M. S. Talamonti<sup>2,3</sup>, K. K. Roggin<sup>2</sup>, D. J. Winchester<sup>2,3</sup>, M. S. Baker<sup>2,3</sup> <sup>1</sup>American College Of Surgeons, Chicago, IL, USA <sup>2</sup>University Of Chicago, Chicago, IL, USA <sup>3</sup>Northshore University Health System, Evanston, IL, USA <sup>4</sup>Northwestern University, Chicago, IL, USA

**68.06. Colorectal Cancer Outcome Disparities Increase with Distance from Treating Facility.** S. P. Beierle<sup>1</sup>, J. McLoughlin<sup>1</sup>, R. Heide<sup>1</sup>, L. Gregory<sup>1</sup>, M. Casillas<sup>1</sup>, A. J. Russ<sup>1</sup> <sup>1</sup>University Of Tennessee Graduate School Of Medicine, Surgery, Knoxville, TN, USA

**68.07. The validity of omega-3 fatty acids for patients on chemotherapy for biliary or pancreatic cancer..** K. Abe<sup>1</sup>, T. Uwagawa<sup>1</sup>, Y. Nakaseko<sup>1</sup>, K. Haruki<sup>1</sup>, Y. Takano<sup>1</sup>, S. Onda<sup>1</sup>, F. Suzuki<sup>1</sup>, M. Matsumoto<sup>1</sup>, T. Sakamoto<sup>1</sup>, T. Gocho<sup>1</sup>, S. Wakiyama<sup>1</sup>, Y. Ishida<sup>1</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School Of Medicine, Department Of Surgery, Minato-ku, TOKYO, Japan

**68.08. Survival In Breast Cancer Associated With Drug Sensitive Or Resistant-related MiRNAs Using TCGA.** J. S. Young<sup>1</sup>, T. Kawaguchi<sup>1</sup>, L. Yan<sup>2</sup>, Q. Qi<sup>2</sup>, S. Liu<sup>2</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Department Of Surgical Oncology, Buffalo, NEW YORK, USA <sup>2</sup>Roswell Park Cancer Institute, Department Of Biostatistics And Bioinformatics, Buffalo, NEW YORK, USA

**68.09. Guideline Adherence in Screening Mammography: Behavior Patterns in Commercially-Insured U.S. Women.** J. Yu<sup>1</sup>, N. P. Carlsson<sup>1</sup>, G. A. Colditz<sup>1</sup>, M. S. Goodman<sup>1</sup>, S. Chang<sup>1</sup>, J. A. Margenthaler<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA

**68.10. Surgical Experience and the Practice of Pancreatoduodenectomy.** G. T. Kennedy<sup>1</sup>, M. T. McMillan<sup>1</sup>, M. Sprys<sup>1</sup>, J. A. Drebin<sup>1</sup>, C. M. Vollmer<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA

7:30 AM - 9:30 AM

## Integrated Oral Presentation Sessions II

### 69. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE 3 ORAL

DEBUSSY 2

**MODERATORS: Suresh Agarwal, MD & Aaron Strumwasser, MD**

**69.01. Age and Facility Disparities in Resuscitative Thoracotomy Attempts.** K. Lynch<sup>1</sup>, P. Bonasso<sup>1</sup>, R. Whitehair<sup>1</sup>, A. Wilson<sup>1</sup>, D. Long<sup>1</sup>, J. Con<sup>1</sup> <sup>1</sup>West Virginia University, Department Of Surgery, Morgantown, WV, USA

**69.02. Bad Surgeons or Bad Data? A Review of Patient Safety Indicators Attributed to Trauma Surgeons.** N. Fox<sup>1</sup>, R. Willcutt<sup>1</sup>, A. Elberfeld<sup>1</sup>, J. Porter<sup>1</sup>, A. Mazzarelli<sup>1</sup> <sup>1</sup>Cooper University Hospital, Trauma, Camden, NJ, USA

**69.03. The Efficacy and Efficiency of Electromagnetic Enteric Feeding Tubes versus Standard Placemet Methods.** H. R. Shadid<sup>1</sup>, M. Keckeisen<sup>1</sup>, A. Zarrinpar<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Liver Transplant Unit, Los Angeles, CA, USA

**69.04. Are ICUs Being Over-utilized for Mild Traumatic Brain Injury?.** J. L. Pringle<sup>1</sup>, A. L. Bourgon<sup>1</sup>, M. A. Chaudhary<sup>1</sup>, F. Speranza<sup>1</sup>, S. Tisherman<sup>1</sup>, A. P. Ekeh<sup>1</sup> <sup>1</sup>Wright State University, Surgery, Dayton, OH, USA

**69.05. Self-inflicted Gunshot Wounds: Readmission Rates.** C. M. Rajasingh<sup>1</sup>, L. Tennakoon<sup>1</sup>, K. L. Staudenmayer<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, Palo Alto, CA, USA

**69.06. Modeling the Need for First Responders in Rural United States.** M. B. Bhatia<sup>1</sup>, M. Aranke<sup>1</sup>, T. Dang<sup>1</sup>, D. Vyas<sup>1</sup> <sup>1</sup>Texas Tech University Health Science Center, Department Of Surgery, Lubbock, TEXAS, USA

**69.07. Access to Trauma Care: A Geospatial Analysis of Trauma System Infrastructure in California..** T. Uribe Leitz<sup>1</sup>, M. M. Esquivel<sup>1</sup>, N. Y. Garland<sup>1</sup>, L. M. Knowlton<sup>1</sup>, K. L. Staudenmayer<sup>1</sup>, D. A. Spain<sup>1</sup>, T. G. Weiser<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, Section Of Acute Care Surgery, STANFORD, CA, USA

**69.08. The Effects of Helmet Legislation on Pediatric Bicycle Injuries in Illinois.** R. Weston<sup>1</sup>, C. Williams<sup>2</sup>, M. Crandall<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Jacksonville, FL, USA <sup>2</sup>Washington University, Emergency Medicine, St. Louis, MO, USA

**69.09. Is There Still A Role For "Selective Management In Penetrating Neck Trauma?.** M. Gayed<sup>1</sup>, A. Ekeh<sup>1</sup> <sup>1</sup>Wright State University, Surgery, Dayton, OH, USA

**69.10. ~Both Obesity (BMI≥30) and Timing of Chemical Prophylaxis Effect Pulmonary Embolism Rate after Trauma.** K. Treto<sup>1</sup>, A. Giancarelli<sup>1</sup>, K. Safcsak<sup>1</sup>, B. Hobbs<sup>1</sup>, M. Cheatham<sup>1</sup>, I. Bhullar<sup>1</sup> <sup>1</sup>Orlando Regional Medical Center, Department Of Surgical Education, Orlando, FL, USA

7:30 AM - 9:30 AM

## Integrated Oral Presentation Sessions II

### 70. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - QUALITY OF CARE ORAL

ENCORE BALLROOM 1

**MODERATORS: Bruce A. Crookes, MD & Kristan L. Staudenmayer, MD**

**70.02. Graft Loss: Review of a Single Burn Center's Experience and Proposal of a Graft Loss Grading Scale.** L. S. Nosanov<sup>1,2</sup>, M. M. McLawhorn<sup>2</sup>, L. Hassan<sup>2</sup>, T. E. Travis<sup>1,2</sup>, S. Tejiram<sup>1,2</sup>, L. S. Johnson<sup>1,2</sup>, L. T. Moffatt<sup>2</sup>, J. W. Shupp<sup>1,2</sup> <sup>1</sup>MedStar Washington Hospital Center, Burn Center, Washington, DC, USA <sup>2</sup>MedStar Health Research Institute, Firefighters' Burn And Surgical Research Laboratory, Washington, DC, USA

**70.03. IMPACT OF EXPANDED MEDICAID COVERAGE ON HOSPITAL LENGTH STAY FOLLOWING INJURY.** J. Holzmacher<sup>1</sup>, K. Townsend<sup>1</sup>, C. Seavey<sup>1</sup>, S. Gannon<sup>1</sup>, L. Collins<sup>1</sup>, R. L. Amdur<sup>1</sup>, B. Sarani<sup>1</sup> <sup>1</sup>George Washington University School Of Medicine And Health Sciences, Surgery, Washington, DC, USA

**70.04. Acute Alcohol Intoxication Strongly Correlates With Polysubstance Abuse In Trauma Patients.** A. Jordan<sup>1</sup>, P. Salen<sup>2</sup>, T. R. Wojda<sup>1</sup>, M. S. Cohen<sup>2</sup>, A. Hasani<sup>3</sup>, J. Luster<sup>3</sup>, H. Stankewicz<sup>2</sup>, S. P. Stawicki<sup>1</sup> <sup>1</sup>St. Luke's University Health Network, Department Of Surgery, Bethlehem, PENNSYLVANIA, USA <sup>2</sup>St. Luke's University Health Network, Department Of Emergency Medicine, Bethlehem, PENNSYLVANIA, USA <sup>3</sup>Temple University, Department Of Surgery, Philadelphia, PA, USA

**70.05. Association between Hospital Staffing Strategies and Failure to Rescue Rates.** S. T. Ward<sup>1</sup>, D. A. Campbell<sup>1</sup>, C. Friesen<sup>2</sup>, J. B. Dimick<sup>1</sup>, A. A. Ghaferi<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, School Of Nursing, Ann Arbor, MI, USA

**70.06. Burn Injury Outcomes in Patients with Preexisting Diabetic Disease .** L. T. Knowlin<sup>1</sup>, B. A. Cairns<sup>1</sup>, A. G. Charles<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA

**70.07. Improving Utilization of Continuous Renal Replacement Therapy in ICUs of a Large Academic Center.** J. Tseng<sup>1</sup>, P. Hain<sup>1</sup>, S. Barathan<sup>1</sup>, H. Rodriguez<sup>1</sup>, T. Griner<sup>1</sup>, M. S. Rambod<sup>1</sup>, N. Parrish<sup>1</sup>, H. Sax<sup>1</sup>, R. F. Alban<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA

**70.08. Venous Thromboembolism Prophylaxis in Patients Undergoing Intracranial Pressure Monitoring is Safe.** C. Luther<sup>1</sup>, A. Strumwasser<sup>1</sup>, D. Grabo<sup>1</sup>, D. Clark<sup>1</sup>, K. Inaba<sup>1</sup>, K. Matsushima<sup>1</sup>, E. Benjamin<sup>1</sup>, L. Lam<sup>1</sup>, D. Demetriades<sup>1</sup> <sup>1</sup>University Of Southern California, Surgery - Trauma/Critical Care, Los Angeles, CA, USA

**70.09. The WHO Surgical Safety Checklist in Cambodia: Understanding Barriers to Quality Improvement..** N. Y. Garland<sup>1</sup>, H. Eap<sup>2</sup>, S. Kheng<sup>2</sup>, J. Forrester<sup>1</sup>, T. Uribe-Leitz<sup>1</sup>, M. M. Esquivel<sup>1</sup>, G. Lucas<sup>2</sup>, O. Palritha<sup>2</sup>, T. G. Weiser<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, Section Of Acute Care Surgery, Stanford, CA, USA <sup>2</sup>World Mate Emergency Hospital, Battambang, BATTAMBANG, Cambodia

**70.10. Out-of-Pocket Payment for Surgery in Uganda: Impoverishing and Catastrophic Expenditures.** G. A. Anderson<sup>1,4</sup>, L. Ilcisin<sup>4</sup>, P. Kayima<sup>2</sup>, R. Mayanja<sup>3</sup>, N. Portal Benetiz<sup>2</sup>, L. Abesiga<sup>3</sup>, J. Ngonzi<sup>3</sup>, M. Shrimel<sup>4</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA <sup>2</sup>Mbarara University Of Science And Technology, Surgery, Mbarara, WESTERN, Uganda <sup>3</sup>Mbarara University Of Science And Technology, Obstetrics And Gynecology, Mbarara, WESTERN, Uganda <sup>4</sup>Havard Medical School, Global Health And Social Medicine, Boston, MASSACHUSETTS, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

## Integrated Oral Presentation Sessions II

### 71. BASIC SCIENCE: TRAUMA AND VASCULAR ORAL

ENCORE BALLROOM 3

**MODERATORS: Rahul J. Anand, MD FACS & Joaquim M. Havens, MD**

#### 71.01. Integrin $\alpha_3$ as a Target to Increase Endothelial

**Cell Recruitment Under Shear Stress Conditions.** E. S. Lee<sup>1</sup>, K. Samadzadeh<sup>1</sup>, A. Afkhami<sup>1</sup>, A. Rona<sup>1</sup>, D. Hao<sup>2</sup>, A. Wang<sup>2</sup> <sup>1</sup>Sacramento Veterans Affairs Medical Center, Research Service, Mather, CA, USA <sup>2</sup>University Of California - Davis, UC Davis Medical Center, Sacramento, CA, USA

#### 71.02. Identifying Lost Surgical Needles with Visible and Near Infrared Fluorescent Light Emitting Coating.

E. P. Ward<sup>1</sup>, J. Yang<sup>3</sup>, J. Delong<sup>1</sup>, J. Wang<sup>2</sup>, N. Mendez<sup>4</sup>, C. Barback<sup>5</sup>, S. Horgan<sup>1</sup>, W. Trogler<sup>3</sup>, A. Kummel<sup>3</sup>, S. Blair<sup>1</sup> <sup>1</sup>University Of California - San Diego, General Surgery, San Diego, CA, USA <sup>2</sup>University Of California - San Diego, Nanoengineering, San Diego, CA, USA <sup>3</sup>University Of California - San Diego, Chemistry, San Diego, CA, USA <sup>4</sup>University Of California - San Diego, Material Science, San Diego, CA, USA <sup>5</sup>University Of California - San Diego, Radiology, San Diego, CA, USA

#### 71.03. Diabetic MSCs Promote Endothelial Cell Invasion through Unique Angiogen Pathways.

A. D. Morris<sup>1</sup>, H. Li<sup>1</sup>, L. Brewster<sup>1,2</sup> <sup>1</sup>Emory University Hospital, Division of Vascular Surgery, Atlanta, GA, USA <sup>2</sup>Atlanta VA Medical Center, Division of Vascular Surgery, Atlanta, GA, USA

#### 71.04. A Deacylase Enzyme, SIRT3, Plays a Major Role in Macrophage Inflammation and Wound Healing.

A. E. Boniakowski<sup>1</sup>, A. Kimball<sup>1</sup>, A. Joshi<sup>1</sup>, S. Kunkel<sup>1</sup>, K. A. Gallagher<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

#### 71.05. Inflammatory Regulation Promotes Angiogenesis in Chronic Renal Disease Model.

X. Wang<sup>1</sup>, P. Duann<sup>1</sup>, C. Lu<sup>1</sup>, C. Moles<sup>1</sup>, M. Fahrenholtz<sup>1</sup>, M. Rae<sup>1</sup>, H. Li<sup>1</sup>, J. Cheng<sup>2</sup>, S. Balaji<sup>1</sup>, S. Keswani<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Surgery, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Medicine, Houston, TX, USA

#### 71.06. Remote Ischemic Conditioning in a Mouse Model of

**Traumatic Brain Injury.** K. Ibraheem<sup>1</sup>, A. J. Sandweiss<sup>2</sup>, T. M. Largent-Milnes<sup>2</sup>, A. Azim<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, L. Gries<sup>1</sup>, T. W. Vanderah<sup>2</sup>, P. Rhee<sup>3</sup>, T. O'Keeffe<sup>1</sup>, B. Joseph<sup>1</sup> <sup>3</sup>Grady Memorial Hospital, Trauma And Surgical Critical Care/Department Of Surgery, Atlanta, GA, USA <sup>1</sup>The University Of Arizona, Trauma, critical Care, Burn And Emergency Surgery/Department Of Surgery/School Of Medicine, Tucson, AZ, USA <sup>2</sup>The University Of Arizona, Department Of Pharmacology, Tucson, AZ, USA

#### 71.07. Amitriptyline Treatment Improves Survival in a Murine Model of Sepsis.

B. T. Xia<sup>1</sup>, Y. Kim<sup>1</sup>, E. Gulbins<sup>1,2</sup>, C. C. Caldwell<sup>1</sup> <sup>1</sup>University Of Cincinnati College Of Medicine, Department Of Surgery, Cincinnati, OH, USA <sup>2</sup>Universität Duisburg-Essen, Essen, NORTH RHINE-WESTPHALIA, Germany

#### 71.08. Humans vs. Pigs vs. Rats; Native TEG Distribution Indicates Limitations of Animal Models of TIC.

P. J. Lawson<sup>1</sup>, H. B. Moore<sup>1,2</sup>, G. R. Stettler<sup>1,2</sup>, A. L. Slaughter<sup>1,2</sup>, A. W. Bacon<sup>1,2</sup>, M. Frago<sup>1,2</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA <sup>2</sup>Denver Health Medical Center, Aurora, CO, USA

#### 71.09. The Use of Viscoelastometry With Tissue Factor Initiators To Identify Burn Induced Coagulopathy.

S. Tejiram<sup>1,2</sup>, K. E. Brummel-Ziedins<sup>3</sup>, T. Orphee<sup>3</sup>, L. T. Moffatt<sup>2</sup>, J. W. Shupp<sup>1,2</sup> <sup>1</sup>MedStar Washington Hospital Center, The Burn Center, Department Of Surgery, Washington, DC, USA <sup>2</sup>MedStar Health Research Institute, Washington, DC, USA <sup>3</sup>University Of Vermont, Department Of Biochemistry, College Of Medicine, Colchester, VT, USA

#### 71.10. Thresholds for non-citrated r-TEG-guided resuscitation

**are consistent with those for citrated r-TEG..** P. EINERSEN<sup>1</sup>, H. MOORE<sup>1</sup>, C. Silliman<sup>1</sup>, A. Banerjee<sup>1</sup>, E. E. MOORE<sup>1</sup> <sup>1</sup>University Of Colorado - Denver, Surgery, Aurora, CO, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

## Integrated Oral Presentation Sessions II

### 72. CLINICAL/OUTCOMES: DISPARITIES AND ACCESS TO CARE ORAL

HANDEL

**MODERATORS: Ines Buccimazza, MD & Peter Learn, MD**

**72.01. Do 30-day Readmissions Rates for Hysterectomies Vary by Site of Care For Vulnerable Patients?.** A. Ranjit<sup>1</sup>, C. Zogg<sup>2</sup>, M. A. Chaudhary<sup>1</sup>, J. B. Iorgulescu<sup>3</sup>, A. S. Romano<sup>6</sup>, S. E. Little<sup>4</sup>, C. T. Witkop<sup>5</sup>, J. N. Robinson<sup>4</sup>, A. H. Haider<sup>1</sup>, S. L. Cohen<sup>4</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>3</sup>Brigham And Women's Hospital, Pathology, Boston, MA, USA <sup>4</sup>Brigham And Women's Hospital, Obstetrics And Gynecology, Boston, MA, USA <sup>5</sup>Uniformed Services University Of The Health Sciences, Preventive Medicine And Biostatistics, Bethesda, MD, USA <sup>6</sup>VA Boston Healthcare System, Surgery-Gynecology, West Roxbury, MA, USA

**72.02. A World Apart: Quantifying Racial Discordance Between Surgeons And Their Patients .** R. Udyavar<sup>1</sup>, D. Smink<sup>1</sup>, J. Mullen<sup>3</sup>, T. Kent<sup>2</sup>, W. A. Davis<sup>1</sup>, A. Green<sup>3</sup>, N. Changoor<sup>1,2,4</sup>, A. Haider<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>2</sup>Beth Israel Deaconess Medical Center, Boston, MA, USA <sup>3</sup>Massachusetts General Hospital, Boston, MA, USA <sup>4</sup>Howard University College Of Medicine, Washington, DC, USA

**72.03. Socioeconomic Disparities in Extent of Surgery in Young Women with Stage I Dysgerminoma.** L. Stafman<sup>1</sup>, I. Maizlin<sup>1</sup>, K. Gow<sup>2</sup>, M. Goldfarb<sup>3</sup>, J. G. Nuchtern<sup>4</sup>, M. Langer<sup>5</sup>, S. Vasudevan<sup>4</sup>, J. Doski<sup>6</sup>, A. Goldin<sup>2</sup>, M. Raval<sup>7</sup>, E. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama, Birmingham, Alabama, USA <sup>2</sup>University Of Washington, Seattle, WA, USA <sup>3</sup>Providence Saint John's Health Center, Santa Monica, CA, USA <sup>4</sup>Baylor College Of Medicine, Houston, TX, USA <sup>5</sup>Maine Medical Center, Portland, ME, USA <sup>6</sup>University Of Texas Health Science Center At San Antonio, San Antonio, TX, USA <sup>7</sup>Emory University School Of Medicine, Atlanta, GA, USA

**72.04. The CAGE Distance Framework as a Starting Point for the Assessment of Cultural Competency Education.** G. Tortorello<sup>1,3</sup>, C. Wirtalla<sup>2,3</sup>, E. Bailey<sup>2,3</sup>, R. Hoffman<sup>2,3</sup>, C. Sharoky<sup>2,3</sup>, R. Kelz<sup>1,2,3</sup> <sup>1</sup>University Of Pennsylvania, Perelman School Of Medicine, Philadelphia, PA, USA <sup>2</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA <sup>3</sup>University Of Pennsylvania, Center For Surgery And Health Economics, Philadelphia, PA, USA

**72.05. Mapping Surgical Access in Malawi: A Geospatial Analysis of Facilities Providing Safe Surgical Care.** M. M. Esquivel<sup>1</sup>, J. A. Henry<sup>2</sup>, E. Frenkel<sup>3</sup>, C. Goddia<sup>4</sup>, T. Uribe-Leitz<sup>1</sup>, G. Rosenberg<sup>1</sup>, N. Garland<sup>1</sup>, T. G. Weiser<sup>1</sup> <sup>4</sup>Queen Elizabeth Central Hospital, School Of Anaesthesia, Blantyre, BLANTYRE, Malawi <sup>1</sup>Stanford University, General Surgery, Palo Alto, CA, USA <sup>2</sup>University Of Chicago, General Surgery, Chicago, IL, USA <sup>3</sup>Gradian Health Systems, New York, NEW YORK, USA

**72.06. Socioeconomic Disparities Among Adolescent Bariatric Surgery Patients..** G. Ortega<sup>1,2</sup>, N. R. Changoor<sup>1</sup>, C. K. Zogg<sup>3</sup>, R. Altafi<sup>2</sup>, H. Naseem<sup>7</sup>, F. G. Qureshi<sup>5,6</sup> <sup>1</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA <sup>2</sup>Outcomes Research Center Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA <sup>3</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>4</sup>Howard University College Of Medicine, Washington, DC, USA <sup>5</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA <sup>6</sup>Children's Medical Center, Dallas, TX, USA <sup>7</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA

**72.07. Process Adherence for Enhanced Recovery After Surgery Reduces Disparities in Surgical Outcomes.** I. L. Leeds<sup>1</sup>, D. R. Hobson<sup>1</sup>, J. E. Efron<sup>1</sup>, E. C. Wick<sup>2</sup>, F. M. Johnston<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA

**72.08. Evolving Trends in Racial Disparities for Perioperative Outcomes with the Kidney Allocation System.** D. Sanchez<sup>1</sup>, D. Dubay<sup>1</sup>, P. Baliga<sup>1</sup>, D. J. Taber<sup>1</sup> <sup>1</sup>Medical University Of South Carolina, Division Of Transplant Surgery, Charleston, SC, USA

**72.09. Insurance, Not Race, Is Associated With Transfer From Pennsylvania Level 2 and 3 Trauma Centers..** A. N. Kulaylat<sup>1</sup>, M. Linskey<sup>1</sup>, S. B. Armen<sup>1</sup>, C. S. Hollenbeak<sup>1</sup>, R. E. Cilley<sup>1</sup>, B. W. Engbrecht<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Department Of Surgery, Hershey, PA, USA

**72.10. Disparities in Surgical Outcomes in Patients with Co-morbid Mental Illness.** E. A. Bailey<sup>1</sup>, C. E. Sharoky<sup>1</sup>, C. Wirtalla<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Center For Surgery And Health Economics, Department Of Surgery, Philadelphia, PA, USA

7:30 AM - 9:30 AM

## Integrated Oral Presentation Sessions II

### 73. CLINICAL/OUTCOMES: PATIENT CENTERED OUTCOMES ORAL

SCHUBERT

**MODERATORS: Daniel A. Anaya, MD, FACS & Ben L. Zarzaur, MD**

**73.01. Surgical Dogma Challenge: Empiric Postnatal Antibiotic Use in Neonatal Surgical Patients.** S. K. Walker<sup>1</sup>, R. L. Massoumi<sup>4</sup>, E. R. Gross<sup>3</sup>, M. Knezevich<sup>1</sup>, M. R. Uhing<sup>2</sup>, M. J. Arca<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Pediatric Surgery/Surgery, Milwaukee, WI, USA <sup>2</sup>Medical College Of Wisconsin, Neonatology/ Pediatrics, Milwaukee, WI, USA <sup>3</sup>University Of Colorado Denver, Surgery/Pediatric Surgery, Aurora, CO, USA <sup>4</sup>University Of California - Los Angeles, General Surgery/Surgery, Los Angeles, CA, USA

**73.02. Keystone Flap Vs. Skin Graft for Extremity Melanoma: Surgical and Functional outcomes comparison..** J. W. Rostas<sup>1</sup>, N. Bhutiani<sup>1</sup>, K. M. McMasters<sup>1</sup>, R. C. Martin<sup>1</sup>, C. S. Scoggins<sup>1</sup>, P. Philips<sup>1</sup> <sup>1</sup>University Of Louisville, Surgery, Surgical Oncology, Louisville, KY, USA

**73.03. Patient and Caregiver Perspectives on Care Coordination During Transitions of Surgical Care.** D. S. Swords<sup>1</sup>, S. L. Slager<sup>2</sup>, C. R. Weir<sup>2</sup>, B. S. Brooke<sup>1</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Department Of Biomedical Informatics, Salt Lake City, UT, USA

**73.04. Impact of a Standardized Gastrostomy Tube Education Program on Post-Surgical Resource Utilization .** Y. R. Yu<sup>1,2</sup>, P. I. Abbas<sup>1,2</sup>, K. M. Murphy<sup>1,2</sup>, L. J. Stephens<sup>1,2</sup>, V. A. Victorian<sup>1,2</sup>, T. C. Lee<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Division Of Pediatric Surgery, Houston, TX, USA

**73.06. Pre-Operative Proteinuria Predicts Post-Operative Acute Kidney Injury and Readmission.** T. S. Wahl<sup>1,2</sup>, L. A. Graham<sup>2</sup>, J. S. Richman<sup>1,2</sup>, M. S. Morris<sup>1,2</sup>, R. H. Hollis<sup>1,2</sup>, K. F. Itani<sup>3,4</sup>, T. H. Wagner<sup>7,8</sup>, H. J. Mull<sup>3</sup>, G. L. Telford<sup>5</sup>, A. K. Rosen<sup>3</sup>, L. A. Copeland<sup>6</sup>, E. A. Burns<sup>5</sup>, M. T. Hawa<sup>7,8</sup> <sup>1</sup>University Of Alabama Birmingham, Birmingham, AL, USA <sup>2</sup>Birmingham VA Medical Center, Birmingham, AL, USA <sup>3</sup>VA Boston Healthcare System, Boston, MA, USA <sup>4</sup>Harvard Medical School, Boston, MA, USA <sup>5</sup>Milwaukee VA Medical Center, Milwaukee, WI, USA <sup>6</sup>Central Texas Veterans Healthcare System, Temple, TX, USA <sup>7</sup>VA Palo Alto Healthcare System, Palo Alto, CA, USA <sup>8</sup>Stanford University, Palo Alto, CA, USA

**73.07. Minimally Invasive Pediatric Surgery: Trends in Basic and Advanced Procedures.** J. Tashiro<sup>1</sup>, N. Joudi<sup>1</sup>, E. A. Perez<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA

**73.08. Comprehensive Geriatric Assessment Improves Surgical Outcomes: A Systematic Review and Meta-analysis.** G. Eamer<sup>1</sup>, A. Taheri<sup>1</sup>, S. S. Chen<sup>1</sup>, Q. Daviduck<sup>1</sup>, T. Chambers<sup>2</sup>, R. G. Khadaroo<sup>1</sup> <sup>1</sup>University Of Alberta, General Surgery, Edmonton, AB, Canada <sup>2</sup>University Of Alberta, Libraries, Edmonton, AB, Canada

**73.09. Variation in Post-Acute Care Utilization After Complex Surgery.** C. Balentine<sup>1,2</sup>, M. C. Mason<sup>3</sup>, P. J. Richardson<sup>4</sup>, P. Kougas<sup>3,4</sup>, F. Bakaeen<sup>5</sup>, A. D. Naik<sup>4,6</sup>, D. H. Berger<sup>3,4</sup>, D. A. Anaya<sup>7</sup> <sup>1</sup>University Of Alabama At Birmingham, Department Of Surgery, Birmingham, AL, USA <sup>2</sup>University Of Alabama At Birmingham, Institute For Cancer Outcomes And Survivorship, Birmingham, AL, USA <sup>3</sup>Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA <sup>4</sup>Houston Veterans Affairs Health Services Research And Development Center For Innovations In Quality, Effectiveness And Safety (IQUEST), Houston, TX, USA <sup>5</sup>Cleveland Clinic, Department Of Thoracic And Cardiovascular Surgery, Cleveland, OH, USA <sup>6</sup>Baylor College Of Medicine, Alkek Department Of Medicine, Houston, TX, USA <sup>7</sup>H. Lee Moffitt Cancer Center & Research Institute, Department Of Gastrointestinal Oncology, Tampa, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

### Integrated Oral Presentation Sessions II

#### 74. CLINICAL/OUTCOMES: CROSS DISCIPLINARY ORAL

STRAUSS

#### MODERATORS: Jayleen Grams, MD, PhD & Tina W. Yen, MS, MD

**74.01. RACS Surgical Research Society Young Investigator's Award Recipient: Preoperative Carbohydrate Loading and Recovery after Surgery - A Multiple Treatments Meta-Analysis.** M. A. Amer<sup>1,3</sup>, M. D. Smith<sup>1,4</sup>, G. P. Herbison<sup>2</sup>, L. D. Plank<sup>5</sup>, J. L. McCall<sup>1,3,5,6</sup> <sup>1</sup>University Of Otago, Department Of Surgical Sciences, Dunedin School Of Medicine, Dunedin, OTAGO, New Zealand <sup>2</sup>University Of Otago, Department Of Preventive And Social Medicine, Dunedin School Of Medicine, Dunedin, OTAGO, New Zealand <sup>3</sup>Dunedin Hospital, Department Of General Surgery, Dunedin, OTAGO, New Zealand <sup>4</sup>Southland Hospital, Department Of General Surgery, Invercargill, SOUTHLAND, New Zealand <sup>5</sup>University Of Auckland, Department Of Surgery, School Of Medicine, Auckland, AUCKLAND, New Zealand <sup>6</sup>Auckland City Hospital, New Zealand Liver Transplant Unit, Auckland, AUCKLAND, New Zealand

**74.02. A perioperative care map improves outcomes in morbidly obese patients.** B. D. Boodaie<sup>1</sup>, A. H. Bui<sup>1</sup>, D. L. Feldman<sup>1,2</sup>, M. Brodman<sup>1</sup>, P. Shamamian<sup>3</sup>, R. Kaleya<sup>4</sup>, M. Rosenblatt<sup>1</sup>, D. Somerville<sup>2</sup>, P. Kischak<sup>2</sup>, I. M. Leitman<sup>1</sup> <sup>1</sup>Icahn School Of Medicine At Mount Sinai, Surgery, New York, NY, USA <sup>2</sup>Hospitals Insurance Company, New York, NY, USA <sup>3</sup>Albert Einstein College Of Medicine, Surgery, Bronx, NY, USA <sup>4</sup>Maimonides Medical Center, Brooklyn, NY, USA

**74.03. Substantial Uncompensated Medical Care Delivered By Surgeons Through Patient Portals.** J. Robinson<sup>1,2</sup>, A. Valentine<sup>2</sup>, C. Carney<sup>2</sup>, D. Fabbri<sup>1</sup>, G. P. Jackson<sup>1,2</sup> <sup>1</sup>Vanderbilt University Medical Center, Department Of Biomedical Informatics, Nashville, TN, USA <sup>2</sup>Vanderbilt University Medical Center, Department Of Pediatric Surgery, Nashville, TN, USA

**74.04. The Good the Bad and the Ugly: Patient Perceptions About Their Doctor in Two Words..** B. A. Singletary<sup>1,3</sup>, N. K. Patel<sup>3</sup>, J. M. Dodd<sup>2</sup>, H. Chen<sup>1</sup>, M. J. Heslin<sup>1,3</sup> <sup>1</sup>University Of Alabama At Birmingham, Department Of Surgery, Birmingham, AL, USA <sup>2</sup>University Of Alabama At Birmingham, Department Of Quality And Safety, Birmingham, AL, USA <sup>3</sup>University Of Alabama At Birmingham, Chief Of The Medical Staff Office, Birmingham, AL, USA

**74.05. Preoperative Chronic Opioid Use is Associated with Morbidity after Elective Surgery.** D. C. Cron<sup>1</sup>, J. S. Lee<sup>1</sup>, M. Hu<sup>1</sup>, L. Zhong<sup>2</sup>, P. E. Hilliard<sup>3</sup>, M. J. Englesbe<sup>1</sup>, C. M. Brummett<sup>3</sup>, J. F. Waljee<sup>2</sup> <sup>1</sup>University Of Michigan Medical School, Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan Medical School, Plastic Surgery, Ann Arbor, MI, USA <sup>3</sup>University Of Michigan Medical School, Anesthesiology, Ann Arbor, MI, USA

**74.06. New Persistent Opioid Use Following Surgery: A Chronic Postoperative Complication.** J. S. Lee<sup>1</sup>, H. M. Hu<sup>1</sup>, D. C. Cron<sup>1</sup>, C. M. Brummett<sup>2</sup>, M. J. Englesbe<sup>1</sup>, J. F. Waljee<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of Anesthesiology, Ann Arbor, MI, USA

**74.07. Surgical intensity and risk factors for prolonged opioid use following spine surgery .** A. J. Schoenfeld<sup>1</sup>, W. Jiang<sup>1</sup>, M. A. Chaudhary<sup>1</sup>, R. Scully<sup>1</sup>, A. Haider<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA

**74.08. Familiarity and Communication Between Health Care Provider Dyads in the Operating Room.** L. L. Frasier<sup>1</sup>, S. R. Pavuluri Quamme<sup>1</sup>, Y. Ma<sup>1</sup>, D. A. Wiegmann<sup>1,2</sup>, E. H. Dugoff<sup>3</sup>, G. Levenson<sup>1</sup>, C. C. Greenberg<sup>1,2</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Engineering, Madison, WI, USA <sup>3</sup>University Of Wisconsin, Population Health, Madison, WI, USA

**74.09. Why Do Patients Refuse VTE Prophylaxis? A Nursing-Focused Qualitative Evaluation.** L. J. Kreutzer<sup>1</sup>, C. J. Minami<sup>1,2</sup>, L. Saadat<sup>1</sup>, K. Y. Bilimoria<sup>1,2</sup>, A. D. Yang<sup>1,2</sup>, J. K. Johnson<sup>1,2</sup> <sup>1</sup>Northwestern University, Surgical Outcomes And Quality Improvement Center, Chicago, IL, USA <sup>2</sup>Northwestern University, Center For Healthcare Studies In The Institute For Public Health And Medicine, Chicago, IL, USA

**74.10. The Surgeon Volume-Outcome Relationship - Not Yet Ready for Policy.** J. Modrall<sup>1</sup>, R. M. Minter<sup>1</sup>, A. Minhajuddin<sup>4</sup>, J. Eslava-Schmalbach<sup>3</sup>, G. P. Joshi<sup>2</sup>, S. Patel<sup>1</sup>, E. B. Rosero<sup>2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Department Of Anesthesiology And Pain Management, Dallas, TX, USA <sup>3</sup>Hospital Universitario Nacional De Colombia, Bogota, COLOMBIA, Colombia <sup>4</sup>University Of Texas Southwestern Medical Center, Department Of Clinical Sciences, Dallas, TX, USA

7:30 AM - 9:30 AM **Integrated Oral Presentation Sessions II**

## 75. EDUCATION 2 ORAL

VIVALDI

**MODERATORS: Britney L. Corey, MD & James N. Lau, MD, FACS**

**75.01. Surgical Coaching Can Address All Aspects of Intra-Operative Performance.** S. R. Pavuluri Quamme<sup>1</sup>, H. L. Beasley<sup>1</sup>, N. A. Brys<sup>1</sup>, H. N. Ghouseini<sup>1</sup>, D. A. Wiegmann<sup>1</sup>, L. L. Frasier<sup>1</sup>, C. C. Greenberg<sup>1</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA

**75.02. Resident-driven Faculty Evaluations Show Teaching Performance Improves With Advancement In Rank.** M. Ma<sup>1,2</sup>, L. Goss<sup>1,2</sup>, A. Gullick<sup>1,2</sup>, J. Richman<sup>1,2</sup>, J. Porterfield<sup>1</sup>, D. Rogers<sup>1</sup>, H. Chen<sup>1</sup>, B. Corey<sup>1,2</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgery, Birmingham, ALABAMA, USA <sup>2</sup>Birmingham Veteran's Affairs Medical Center, Surgery, Birmingham, ALABAMA, USA

**75.03. Impact of Feedback Modality on Laparoscopic Simulation Learning for Medical Students.** Y. R. Yu<sup>1,2</sup>, S. R. Shah<sup>1,2</sup>, D. Taylor<sup>1</sup>, B. J. Naik-Mathuria<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Division Of Pediatric Surgery, Houston, TX, USA

**75.04. The Impact of Research on Burnout during Surgical Training.** L. C. Elmore<sup>1</sup>, D. B. Jeffe<sup>2</sup>, L. Jin<sup>1</sup>, M. M. Awad<sup>1</sup>, I. R. Turnbull<sup>1</sup> <sup>1</sup>Washington University In St. Louis School Of Medicine, Surgery, Saint Louis, MISSOURI, USA <sup>2</sup>Washington University In St. Louis School Of Medicine, Medicine, St. Louis, MO, USA

**75.05. Using a free online virtual world to teach management of major trauma: a validation study.** K. Sugand<sup>1</sup>, N. Boyer<sup>1</sup>, H. M. Malik<sup>1</sup>, K. Sarraf<sup>1</sup>, A. Sheeraz<sup>1</sup>, V. Patel<sup>1</sup>, C. M. Gupte<sup>1</sup> <sup>1</sup>Imperial College, MSK Lab, London, LONDON, United Kingdom

**75.06. Are U.S. Surgical Residents Prepared for Humanitarian Deployment?.** J. Dahm<sup>1,2</sup>, Y. Lin<sup>2,3</sup>, D. Kuwayama<sup>3</sup> <sup>1</sup>University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA <sup>2</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Brookline, MA, USA <sup>3</sup>University of Colorado Denver, Department Of Surgery, Aurora, CO, USA

**75.07. Personality Traits within a Pediatric Surgery Fellowship Applicant Pool.** R. Hazboun<sup>1</sup>, S. Rodriguez<sup>2</sup>, A. Thirumoorthi<sup>1</sup>, D. Moores<sup>1</sup>, J. Baerg<sup>1</sup>, E. P. Tagge<sup>1</sup> <sup>1</sup>Loma Linda University School Of Medicine, Pediatric Surgery, Loma Linda, CA, USA <sup>2</sup>Loma Linda University School Of Medicine, General Surgery, Loma Linda, CA, USA

**75.08. Quality of Medical Student Documentation Based on Evaluation and Management Code in a Surgical Clinic.** R. Howard<sup>1</sup>, R. Reddy<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**75.09. The Effect of a Resident Driven Educational Workshop on Medical Student Transition to Clinical Medicine.** R. F. Brown<sup>1</sup>, M. Shen<sup>1</sup>, A. Charles<sup>1</sup> <sup>1</sup>University Of North Carolina, Chapel Hill, NC, USA

**75.10. The Efficacy of a New Surgeon-Performed Ultrasound Curriculum .** I. Nassour<sup>1</sup>, C. Spalding<sup>1</sup>, L. Hynan<sup>1</sup>, A. Gardner<sup>1</sup>, B. H. Williams<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA

9:00 AM - 9:30 AM **Morning Break in Exhibit Area**

ENCORE BALLROOM 2

9:30 AM - 10:30 AM **AAS and SUS Research Awards**

ENCORE BALLROOM 4-8

**PRESENTED BY: Timothy R. Donahue, MD, Adil H. Haider, MD, MPH, Rebecca Sippel, MD, and Rebekah R. White, MD**

**OR**

9:30 AM - 10:30 AM

## Education Plenary

BEETHOVEN 1

**MODERATOR: Jacob A. Greenberg, MD, EdM & Taylor S. Riall, MD, PhD**

TUESDAY

**76.01. Web-Based Feedback for Medical Students Provides Quantitative & Qualitative Assessment of Feedback..** G. Shaughnessy<sup>1</sup>, P. Georgoff<sup>1</sup>, G. Sandhu<sup>1</sup>, L. Leininger<sup>1</sup>, R. Reddy<sup>1</sup>, D. T. Hughes<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**76.02. Learning Preferences of Surgical Residents: A Multi-Institutional Study.** R. H. Kim<sup>1</sup>, R. K. Viscusi<sup>2</sup>, A. N. Collier<sup>1</sup>, M. A. Hunsinger<sup>3</sup>, M. M. Shabahang<sup>3</sup>, G. M. Fuhrman<sup>4</sup>, J. R. Korndorffer<sup>5</sup> <sup>1</sup>Louisiana State University Health Sciences Center - Shreveport, Surgery, Shreveport, LA, USA <sup>2</sup>University Of Arizona, Surgery, Tucson, AZ, USA <sup>3</sup>Geisinger Medical Center, Surgery, Danville, PA, USA <sup>4</sup>Ochsner Clinic Foundation, Surgery, New Orleans, LA, USA <sup>5</sup>Tulane University School Of Medicine, Surgery, New Orleans, LA, USA

**76.03. Improving Resident Well-being and Clinical Learning Environment Through Departmental Initiatives.** N. A. Lee<sup>1</sup>, N. Appelbaum<sup>2</sup>, M. Amendola<sup>1</sup>, K. Dodson<sup>3</sup>, B. Kaplan<sup>1</sup> <sup>1</sup>Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA <sup>2</sup>Virginia Commonwealth University, School Of Medicine, Richmond, VA, USA <sup>3</sup>Virginia Commonwealth University, Department Of Otolaryngology, Richmond, VA, USA

WEDNESDAY

THURSDAY

**76.04. What Factors Influence Attending Surgeon Decisions About Resident Guidance in the Operating Room?.** J. P. Fryer<sup>1</sup>, J. Bohnen<sup>2</sup>, B. George<sup>3</sup>, M. Schuller<sup>1</sup>, D. DaRosa<sup>1</sup>, L. Torbeck<sup>4</sup>, J. Mullen<sup>2</sup>, S. Meyerson<sup>1</sup>, E. Auyang<sup>5</sup>, J. Chipman<sup>6</sup>, J. Choi<sup>4</sup>, M. Choti<sup>14</sup>, E. Endean<sup>7</sup>, C. Foley<sup>8</sup>, S. Mandell<sup>9</sup>, A. Meier<sup>10</sup>, D. Smink<sup>11</sup>, K. Terhune<sup>12</sup>, P. Wise<sup>13</sup>, N. Soper<sup>1</sup>, J. Zwischenberger<sup>7</sup>, K. Lillemoe<sup>2</sup>, R. Williams<sup>4</sup> <sup>1</sup>Northwestern University, Surgery, Chicago, IL, USA <sup>2</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA <sup>3</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>4</sup>Indiana University, Surgery, Indianapolis, IN, USA <sup>5</sup>University Of New Mexico, Surgery, Albuquerque, NM, USA <sup>6</sup>University Of Minnesota, Surgery, Minneapolis, MN, USA <sup>7</sup>University Of Kentucky, Surgery, Lexington, KY, USA <sup>8</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>9</sup>University Of Washington, Surgery, Seattle, WA, USA <sup>10</sup>State University Of New York, Surgery, Syracuse, NY, USA <sup>11</sup>Brigham And Womens, Surgery, Boston, MA, USA <sup>12</sup>Vanderbilt, Surgery, Nashville, TN, USA <sup>13</sup>Washington University, Surgery, Saint Louis, MO, USA <sup>14</sup>University Of Texas Southwestern, Surgery, Dallas, TX, USA

10:30 AM - 12:00 PM

**Clinical/Outcomes Plenary**

ENCORE BALLROOM 4-8

**MODERATORS: Amir A. Ghaferi, MD**

**77.01. Low-Mortality Hospitals Provide Better End-Of-Life Care for Non-Survivors After Severe Brain Trauma.** E. J. Lilley<sup>1,2</sup>, J. W. Scott<sup>1</sup>, A. Krasnova<sup>1</sup>, E. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup>, Z. Cooper<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, The Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Robert Wood Johnson - Rutgers, Department Of Surgery, New Brunswick, NJ, USA

**77.02. Explicating Hospital-Based Violence Intervention Program Risk Assessment Through Qualitative Analysis.** E. J. Kramer<sup>1,2</sup>, J. Dodington<sup>1</sup>, T. Henderson<sup>2</sup>, R. Dicker<sup>2</sup>, C. Juillard<sup>2</sup> <sup>1</sup>Yale University School Of Medicine, New Haven, CT, USA <sup>2</sup>University Of California San Francisco, Surgery, San Francisco, CA, USA

**77.03. Impact of Pain after Trauma on Long Term Patient Reported Outcomes.** J. P. Herrera-Escobar<sup>1</sup>, M. Apoj<sup>2</sup>, G. Kasotakis<sup>2,3</sup>, A. J. Rios-Diaz<sup>1</sup>, E. Lilley<sup>1</sup>, J. Appelson<sup>1</sup>, B. Gabbe<sup>4</sup>, K. Brasel<sup>5</sup>, E. Schneider<sup>1</sup>, H. Kaafarani<sup>6</sup>, G. Velmahos<sup>6</sup>, A. Salim<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>2</sup>Boston University, Boston, MA, USA <sup>3</sup>Boston Medical Center, Boston, MA, USA <sup>4</sup>Monash University, Melbourne, VIC, Australia <sup>5</sup>Oregon Health And Science University, Portland, OR, USA <sup>6</sup>Massachusetts General Hospital, Boston, MA, USA

**77.04. Trends in Post-Surgical Opioid Prescription by Specialty and the Impact on Rates of Overdose and Abuse.** G. Brat<sup>1</sup>, D. Agniel<sup>2</sup>, A. Beam<sup>2</sup>, N. Palmer<sup>2</sup>, B. Yorkgitis<sup>1</sup>, M. Homer<sup>2</sup>, A. Salim<sup>1</sup>, I. Kohane<sup>2</sup> <sup>1</sup>Brigham And Women's Hospital, Trauma, Burns, And Critical Care, Boston, MA, USA <sup>2</sup>Harvard School Of Medicine, Department Of Bioinformatics, Brookline, MA, USA

**77.05. Society of Asian Academic Surgeons Research Award Recipient: Not all Readmissions are Created Equal - Index vs. Non-Index Readmissions After Major Cancer Surgery.** S. Zafar<sup>1</sup>, A. A. Shah<sup>1</sup>, H. Channa<sup>2</sup>, L. L. Wilson<sup>4</sup>, N. Wasif<sup>3</sup> <sup>1</sup>Howard University College Of Medicine, General Surgery, Washington, DC, USA <sup>2</sup>Purdue University, Agricultural Economics, West Lafayette, IN, USA <sup>3</sup>Mayo Clinic In Arizona, Surgical Oncology, Phoenix, AZ, USA <sup>4</sup>Howard University College Of Medicine, Surgical Oncology, Washington, DC, USA

**77.06. Fast Track Surgery For Abdominal Surgery In Rwanda: A Randomized, Controlled Trial .** L. NDAYIZEYE<sup>2</sup>, J. Rickard<sup>1,2</sup>, A. K. KiSwezi<sup>2</sup>, L. NDAYIZEYE<sup>2</sup> <sup>1</sup>University Of Minnesota, Minneapolis, MN, USA <sup>2</sup>University Of Rwanda, Kigali, KIGALI, Rwanda

OR

10:30 AM - 12:00 PM

**Education Committee Session**

BEETHOVEN 1

***"The Importance of Non-Technical Skills for Safe Surgical Care"*****SESSION CHAIRS: Jacob A. Greenberg, MD, EdM and Steven Yule, PhD****MODERATORS: Jacob A. Greenberg, MD, EdM, John E. Scarborough, MD and Steven Yule, PhD**

- Impact of Non-Technical Skills on Patient Safety and Quality of Care: Perspective of Surgeon as Hospital CMO – Stanley W. Ashley, MD
- Models for Improving Non-Technical Skills: Statewide Coaching of Surgeons in the OR – Caprice C. Greenberg, MD, MPH
- Models for Improving Non-Technical Skills: Surgical Team Training in Simulated Operating Rooms – Douglas S. Smink, MD, MPH
- Models for Improving Non-Technical Skills: Strategies to Develop Surgeons' Leadership Skills – Justin B. Dimick MD, MPH

Non-technical skills (situation awareness, decision making, leadership, communication and teamwork) are essential for safe surgical care, yet these skills are rarely taught or formally assessed. This panel will draw together the current state of the art in non-technical skills education for surgeons and demonstrate why every surgeon who is passionate about maintaining high performance needs to be engaged in this topic. This interactive panel session will engage participants in different perspectives on educating non-technical skills; from team simulations to individual-level coaching; use of simulation vs. real OR settings, and development of non-technical skills in and out of the OR.

**LEARNING OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Articulate the importance of non-technical skills in the care of surgical patients.
- Distinguish the difference between non-technical skills and other technical surgical skill sets.
- Identify several tools that they can utilize to improve their own non-technical skills.



TUESDAY

WEDNESDAY

THURSDAY

12:00 PM - 1:30 PM

## Conference Luncheon

CHOPIN PATIO

OR

12:00 PM - 1:30 PM

## Hot Topic Session 3 "Surgeon Workplace Injury: The Unspoken Experience"

BEETHOVEN 1

**SESSION CHAIRS:** KMarie Reid, MD, MS and Valerie Lemaine, MD

**MODERATOR:** KMarie Reid, MD, MS

- Framing the Topic – KMarie Reid, MD, MS
- Workplace Injury: Who, Where, Why – Ramon Berguer, MD
- Interventions to Avoid Injury: What Does the Research Show – Susan Hallbeck, PhD
- Disability Insurance: Don't Wait Till It's Too Late – Blake Woodard, Woodard Insurance, LLP
- Discussion and Q&A – All Faculty

Increasingly our profession is coming to terms with the often undiscussed toll on our minds and body. While burnout is manifested mentally it can also manifest physically with overuse injuries (cervical spine 38%, musculoskeletal fatigue 36%, hand/forearm 20%). We are all at risk. Practicing surgeons and trainees need attend.

### LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Illustrate the most common workforce injuries experienced by surgeons and risk factors for injury.
- Demonstrate ideal ergonomics in the operating room and office and how to reduce the risk of injury.
- Recommend steps to protect your career from the repercussions of injury.

OR

12:00 PM - 1:30 PM

## Senior Member Task Force Session "Overcoming Adversity – A Critical Step Towards Career Satisfaction and Leadership in Academic Surgery"

ENCORE BALLROOM 4-8

**SESSION CHAIRS:** Rachel R. Kelz, MD, MSCE and Justin B. Dimick, MD, MPH

**MODERATORS:** F. C. Brunicardi, MD and Justin B. Dimick, MD, MPH

**Introduction – Justin B. Dimick, MD, MPH**

**Opening Remarks: Leadership – F. C. Brunicardi, MD**

- From Bench to Courtroom: an Incredible Journey of an Academic Surgeon – Steven E. Raper, MD
- Starting Out on the Wrong Track: a Journey to the Right Career – Rachel R. Kelz, MD, MSCE
- Confronting Personal Challenges while Striving for Professional Achievement – Gregory J. Jurkovich, MD
- When Your Life Plan is Threatened  
Before You Even Get Started, Professionally – Rebecca L. Hoffman, MD, MSCE

Moderated Panel Discussion with Q&A – All Speakers

This session is for all surgeons and surgical trainees practicing in academic medical centers. The topic is very timely as leadership development requires the ability to overcome adversity and is a focal point of current discussions at all levels of academic development in the modern era. The session will be an interactive discussion based on real-time reactions to topics covered by the panelists.

### LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Illustrate the challenges posed during an academic career by hearing real life examples from academic surgeons.
- Recognize the opportunities presented when adversity strikes.
- Develop strategies to overcome adversity and define a satisfying and successful career.

1:30 PM - 3:30 PM

**Integrated Quick Shot Presentation Sessions III****78. BASIC SCIENCE: ONCOLOGY 2 QUICKSHOT**

BEETHOVEN 1

**MODERATORS: Valentine N. Nfonsam, MD, MS & Kelly Olino, MD**

- 78.01. Comparison of pHsensitive fluorescent nanoprobe to cetuximabIRDye800 for realtime imaging of SCC.** M. Tabata<sup>1</sup>, N. Nathan<sup>1</sup>, T. Teraphongphom<sup>1</sup>, K. Hettie<sup>2</sup>, J. Klockow<sup>2</sup>, S. Rogalla<sup>3</sup>, R. Ertsey<sup>1</sup>, E. Rosenthal<sup>1,2</sup> <sup>1</sup>Stanford University, Radiology, Stanford, CA, USA <sup>2</sup>Stanford University, Pediatrics, Palo Alto, CA, USA <sup>3</sup>Stanford University, Otolaryngology - Head And Neck Cancer, Palo Alto, CA, USA
- 78.02. Altered Microbiome in Pancreatic Cancer and Chronic Pancreatitis.** M. A. Mederos<sup>1</sup>, A. McElhany<sup>1</sup>, J. Petrosino<sup>2</sup>, N. J. Ajami<sup>2</sup>, N. Villafane<sup>1</sup>, S. Mohammed<sup>1</sup>, E. Oliva<sup>1</sup>, W. E. Fisher<sup>1</sup>, G. Van Buren<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Department Of Surgery, Division Of Surgical Oncology, Houston, TX, USA <sup>2</sup>Baylor College Of Medicine, Department Of Molecular Virology And Microbiology, Houston, TX, USA
- 78.03. NIR-Conjugated Humanized Anti-CEA Antibody to Target Colon Cancer in an Orthotopic Nude Mouse Model.** J. C. DeLong<sup>1</sup>, T. Murakami<sup>1,2</sup>, P. J. Yazaki<sup>3</sup>, R. M. Hoffman<sup>1,2</sup>, M. Bouvet<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA <sup>2</sup>AntiCancer, Inc., San Diego, CA, USA <sup>3</sup>City Of Hope National Medical Center, Immunology, Duarte, CA, USA
- 78.04. Vitamin C And Nitric Oxide: A Synergistic Effect On Colonic Crypts.** C. N. Vanicek<sup>1</sup>, M. M. Aldajani<sup>1</sup>, N. Alhazzaa<sup>1</sup>, R. Agarwal<sup>1</sup>, J. P. Geibel<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA
- 78.05. Pre-treatment Serum Th1 Cytokines do not Predict Survival or Extent of Disease in Soft Tissue Sarcoma.** S. J. Judge<sup>1</sup>, M. Yanagisawa<sup>1</sup>, T. Henderson<sup>1</sup>, S. Thorpe<sup>2</sup>, A. M. Monjazebe<sup>4</sup>, W. J. Murphy<sup>3</sup>, R. J. Canter<sup>1</sup> <sup>1</sup>UC Davis, Surgical Oncology, Sacramento, CA, USA <sup>2</sup>UC Davis, Orthopedic Oncology, Sacramento, CA, USA <sup>3</sup>UC Davis, Dermatology, Laboratory Of Cancer Immunology, Sacramento, CA, USA <sup>4</sup>UC Davis, Radiation Oncology, Sacramento, CA, USA
- 78.06. Acute Vitamin C exposure As A Potential Antitumorigenic Agent For Colon Cancer.** M. M. Aldajani<sup>1</sup>, C. N. Vanicek<sup>1</sup>, N. Alhazzaa<sup>1</sup>, R. Agarwal<sup>1</sup>, J. P. Geibel<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA
- 78.07. Pancreatic adenocarcinomas with mature blood vessels have better overall survival.** K. Takabe<sup>1</sup>, E. Katsuta<sup>1</sup>, M. G. Dozmorov<sup>2</sup>, A. L. Olex<sup>3</sup>, S. N. Hochwald<sup>4</sup>, L. J. Fernandez<sup>4</sup> <sup>1</sup>Roswell Park Cancer Institute, Department Of Surgical Oncology, Buffalo, NY, USA <sup>2</sup>Virginia Commonwealth University, Department Of Biostatistics, Richmond, VA, USA <sup>3</sup>Roswell Park Cancer Institute, Division Of Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA <sup>4</sup>Virginia Commonwealth University, Division Of Surgical Oncology, Department Of Surgery, Richmond, VA, USA <sup>5</sup>Virginia Commonwealth University, Wright Center For Clinical And Translational Research, Richmond, VA, USA
- 78.08. Precision Oncology At a Single-Cell Level: Quality Control for Single-cell Whole-Genome Amplification.** S. Sho<sup>1</sup>, C. M. Court<sup>1</sup>, P. Winograd<sup>1</sup>, J. S. Tomlinson<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, General Surgery, Los Angeles, CA, USA
- 78.09. SphKs/S1P Activate Erk, p38 MAP Kinases, and PI3K/AKT/mTOR Pathways for Cancer Cell Survival.** A. MAITI<sup>1</sup>, K. Takabe<sup>1</sup>, N. C. Hait<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Division Of Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA
- 78.10. Inhibition of Cell Proliferation of Pancreatic Cancer Cells by Prostaglandins E1, A2, and B2.** J. Yu<sup>1</sup>, R. Damoiseaux<sup>2</sup>, S. Liu<sup>1</sup>, R. Sanchez<sup>1</sup>, F. C. Brunicardi<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Department Of Molecular And Medical Pharmacology, Los Angeles, CA, USA
- 78.11. Multivariate Analysis Derived Biomediator Panel to Predict Survival in Critically Ill Patients .** M. Malig<sup>1</sup>, C. N. Jenne<sup>1</sup>, D. J. Roberts<sup>1</sup>, C. G. Ball<sup>1</sup>, Z. Xiao<sup>1</sup>, A. W. Kirkpatrick<sup>1</sup> <sup>1</sup>University Of Calgary, Calgary, AB, Canada
- 78.12. High Levels of Ceramide in Breast Cancer and Its Microenvironment.** K. Moro<sup>1</sup>, J. Tsuchida<sup>1</sup>, A. Ohtani<sup>1</sup>, M. Endo<sup>1</sup>, T. Niwano<sup>1</sup>, K. Tatsuda<sup>1</sup>, C. Toshikawa<sup>1</sup>, M. Hasegawa<sup>1</sup>, M. Ikarashi<sup>1</sup>, M. Nakajima<sup>2</sup>, Y. Koyama<sup>1</sup>, J. Sakata<sup>1</sup>, T. Kobayashi<sup>1</sup>, H. Kameyama<sup>1</sup>, K. Takabe<sup>2</sup>, T. Wakai<sup>1</sup>, M. Nagahashi<sup>1</sup> <sup>1</sup>Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan <sup>2</sup>Roswell Park Cancer Institute, Breast Surgery, Department Of Surgical Oncology, Buffalo, NY, USA
- 78.13. Characterization of MicroRNA Expression in Colorectal Cancer Cell Lines.** J. Burton<sup>1</sup>, J. Carter<sup>1</sup>, N. Galbraith<sup>1</sup>, M. R. Eichenberger<sup>1</sup>, S. Galandiuk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA
- 78.14. Proximal Esophageal Contraction in Stroke and Head and Neck Cancer Using High Resolution Manometry.** D. Lukato<sup>1</sup>, C. Jones<sup>1</sup>, S. Rosen<sup>1</sup>, C. Walczak<sup>1</sup>, T. McCulloch<sup>1</sup> <sup>1</sup>University Of Wisconsin - Madison, Otolaryngology/Surgery, Madison, WI, USA
- 78.15. Downregulation of the Tumor Suppressor RASSF2 in Colorectal Cancer Cell Lines.** J. Carter<sup>1</sup>, J. Burton<sup>1</sup>, N. Galbraith<sup>1</sup>, M. R. Eichenberger<sup>1</sup>, S. Galandiuk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA
- 78.16. Incidence and Survival of Anal Cancer in the Young Male Population. Can We Overcome the Odds?** M. M. Bojko<sup>1</sup>, R. Kucejko<sup>1</sup>, J. L. Poggio<sup>1</sup> <sup>1</sup>Drexel University College Of Medicine, Colorectal Surgery/Surgery, Philadelphia, Pa, USA <sup>2</sup>Drexel University College Of Medicine, Philadelphia, Pa, USA
- 78.17. A Novel Role of TLR9 in Regulation of Peritoneal B Cell Differentiation in Polymicrobial Sepsis.** L. Xu<sup>1,2</sup>, M. Deng<sup>1</sup>, H. Xu<sup>1</sup>, R. Hoffman<sup>1</sup>, P. Loughran<sup>1</sup>, T. Billiar<sup>1</sup> <sup>1</sup>University Of Pittsburgh School Of Medicine, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>Union Hospital, Tongji Medical College?Huazhong University Of Science And Technology, Department Of Emergency, Wuhan, HUBEI, China
- 78.18. Alterations In The Ceramide-Sphingosine Pathway During Active Urinary Tract Infections. .** G. E. Martin<sup>1</sup>, R. Boudreau<sup>1</sup>, C. Couch<sup>1</sup>, M. Edwards<sup>1</sup>, G. Erich<sup>1,2</sup>, P. Jernigan<sup>1</sup>, A. Mahdy<sup>1</sup>, A. Seitz<sup>1</sup> <sup>1</sup>University Of Cincinnati, College Of Medicine, Department Of Surgery, Cincinnati, OH, USA <sup>2</sup>University Of Duisburg-Essen, Department Of Molecular Biology, Essen, NORTH RHINE-WESTPHALIA, Germany
- 78.19. HDAC6 Inhibition Increases Macrophage and Innate Immune Cell Proportions in Spleen of Septic Mouse.** T. Zhao<sup>1</sup>, B. Liu<sup>1</sup>, B. Pan<sup>1</sup>, X. Cheng<sup>1</sup>, E. Chen<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan Hospital, General Surgery/ Surgery/Medical School, Ann Arbor, MI, USA
- 78.20. Flow Based Human Dendritic Cell Dengue Virus Neutralization Assay.** S. L. Keith<sup>1</sup>, N. Graham<sup>2</sup>, E. Sendra<sup>2</sup>, B. Kirkpatrick<sup>2</sup>, J. E. Boyson<sup>1</sup> <sup>2</sup>University Of Vermont College Of Medicine / Fletcher Allen Health Care, Department Of Medicine, Burlington, VT, USA <sup>1</sup>University Of Vermont College Of Medicine / Fletcher Allen Health Care, Department Of General Surgery, Burlington, VT, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 79. BASIC SCIENCE: PEDIATRICS & WOUND HEALING QUICKSHOT

BEETHOVEN 2

**MODERATORS: Cassandra M. Kelleher, MD & Colin A. Martin, MD**

**79.01. FAK Inhibition Abrogates Neuroblastoma Cancer Stem Cell Phenotype in Patient-Derived Xenografts.** L. Stafman<sup>1</sup>, E. Garner<sup>1</sup>, A. Hjelmeland<sup>1</sup>, J. Stewart<sup>1</sup>, S. Mruthyunjaya<sup>1</sup>, K. Yoon<sup>1</sup>, S. Cramer<sup>1</sup>, E. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama, Birmingham, Alabama, USA

**79.02. The IEC-6 Cell Line as a Model of Muscarinic Signaling Pathways in the Murine Intestinal Epithelium.** S. J. Armenia<sup>1,2</sup>, C. J. Greig<sup>1</sup>, R. A. Cowles<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA <sup>2</sup>New Jersey Medical School, Newark, NJ, USA

**79.03. Mitochondrial DNA Promotes a Pro-Inflammatory Profile in Intestinal Epithelial Cells.** V. Siow<sup>1,2</sup>, E. A. Novak<sup>1</sup>, G. J. Vincent<sup>1</sup>, K. Cunningham<sup>1,2</sup>, K. P. Mollen<sup>1</sup> <sup>1</sup>Children's Hospital Of Pittsburgh, Pediatric General And Thoracic Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA

**79.04. Decreased Angiogenesis in Slit3 Knockout Mice with CDH Results in Reduced Pulmonary Arterial Branching.** M. Shah<sup>1</sup>, M. R. Phillips<sup>1</sup>, T. Rao<sup>1</sup>, L. J. Edwards<sup>1</sup>, Y. Z. Lee<sup>1</sup>, S. E. McLean<sup>1</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA

**79.05. Metabolic Dysfunction and Caloric Deficiencies are Associated with Neonatal Necrotizing Enterocolitis.** T. J. Sinclair<sup>1</sup>, D. Zhang<sup>1,2</sup>, B. X. Ling<sup>1</sup>, H. J. Cohen<sup>4</sup>, K. G. Sylvester<sup>1,3</sup> <sup>1</sup>Stanford University School Of Medicine, Department Of Surgery, Stanford, CA, USA <sup>2</sup>University Of Science And Technology Beijing, School Of Computer And Communication Engineering, Beijing, HAI DIAN, China <sup>3</sup>Lucile Packard Children's Hospital Stanford, Center For Fetal And Maternal Health, Stanford, CA, USA <sup>4</sup>Stanford University School Of Medicine, Department Of Pediatrics, Stanford, CA, USA

**79.06. Altered Development of Tight Junctions in a Mouse Model of Hirschsprung's-Associated Enterocolitis.** K. P. Kuruvilla<sup>1,3</sup>, P. K. Shukla<sup>2</sup>, R. Rao<sup>2</sup>, F. J. Cailleux<sup>1,3</sup>, A. Gosain<sup>1,3</sup> <sup>1</sup>University Of Tennessee Health Science Center, Surgery, Memphis, TN, USA <sup>2</sup>University Of Tennessee Health Science Center, Physiology, Memphis, TN, USA <sup>3</sup>Le Bonheur Children's Hospital, Children's Foundation Research Institute, Memphis, TN, USA

**79.07. Intestinal Inflammation in Neonates Undergoing Intestinal Resection.** S. M. Koehler<sup>1</sup>, S. Welak<sup>2</sup>, K. Fredrich<sup>1</sup>, M. Christensen<sup>1</sup>, M. Knezevich<sup>1</sup>, D. Gourlay<sup>1</sup> <sup>1</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WISCONSIN, USA <sup>2</sup>Children's Hospital Of Wisconsin, Neonatology, Milwaukee, WISCONSIN, USA

**79.08. Localization of muscarinic receptors to the crypt stem cell compartment of the murine small intestine.** C. J. Greig<sup>1</sup>, S. J. Armenia<sup>1,2</sup>, V. R. Klump<sup>3</sup>, R. A. Cowles<sup>1</sup> <sup>1</sup>Yale School Of Medicine, Department Of Surgery, New Haven, CT, USA <sup>2</sup>New Jersey Medical School, Newark, NJ, USA <sup>3</sup>Yale School Of Medicine, Department Of Dermatology, New Haven, CT, USA

**79.09. Necrotizing Enterocolitis Is Associated With Changes In Intestinal Epithelial Claudin-2 Expression.** G. J. Ares<sup>1,2</sup>, D. R. Wood<sup>1</sup>, C. Y. Yuan<sup>1</sup>, C. J. Hunter<sup>1</sup> <sup>1</sup>Northwestern University, Pediatrics, Chicago, IL, USA <sup>2</sup>University Of Illinois At Chicago, General Surgery, Chicago, IL, USA

**79.10. Chemokine Ligand 5 (CXCL5) Regulates Intestinal Triglyceride Absorption After Small Bowel Resection.** B. Aladegbami<sup>1</sup>, Y. Xie<sup>2</sup>, J. Guo<sup>1</sup>, C. Erwin<sup>1</sup>, N. Davidson<sup>2</sup>, B. Warner<sup>1</sup> <sup>1</sup>Washington University, Pediatric Surgery, St. Louis, MO, USA <sup>2</sup>Washington University, Gastroenterology, St. Louis, MO, USA

**79.12. Protective Role of Intestinal HSP70 in Barrier Maintenance and Milk Induction of HSP70.2.** R. M. Rentea<sup>1</sup>, Y. Guo<sup>2</sup>, X. Zhu<sup>3</sup>, M. W. Musch<sup>3</sup>, D. M. Gourlay<sup>4</sup>, J. L. Liedel<sup>5</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA <sup>2</sup>University Of Chicago, Pediatrics, Section Of Neonatology, Chicago, IL, USA <sup>3</sup>University Of Chicago, Medicine, Chicago, IL, USA <sup>4</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA <sup>5</sup>Albert Einstein College Of Medicine, Pediatrics And Critical Care, Bronx, NY, USA

**79.13. Stem Cell Expansion in Spring Mediated Distraction Enterogenesis in a Murine Model.** N. Huynh<sup>1</sup>, J. D. Rouch<sup>1</sup>, G. Dubrovsky<sup>1</sup>, A. Scott<sup>1</sup>, M. G. Martin<sup>2</sup>, S. Shekherdian<sup>1</sup>, J. Dunn<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Division Of Pediatric Surgery, Department Of Surgery, David Geffen School Of Medicine, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Division Of Gastroenterology And Nutrition, Department Of Pediatrics, David Geffen School Of Medicine, Los Angeles, CA, USA

**79.14. Phenotypic and Genotypic Changes in Metastatic Neuroblastoma.** W. E. Barry<sup>1</sup>, J. R. Jackson<sup>1</sup>, G. Asuelime<sup>1</sup>, Z. Wan<sup>2</sup>, R. C. Seeger<sup>2</sup>, E. S. Kim<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA <sup>2</sup>Children's Hospital Los Angeles, Pediatrics, Los Angeles, CA, USA

**79.15. Long non-coding RNA GAS5 Regulates Proinflammatory Macrophage Polarization.** C. E. Liechty<sup>1</sup>, J. Hu<sup>1</sup>, C. Zgheib<sup>1</sup>, K. W. Liechty<sup>1</sup>, J. Xu<sup>1</sup> <sup>1</sup>Laboratory For Fetal And Regenerative Biology, Children's Hospital Colorado And The University Of Colorado Anschutz Medical Campus, Department Of Surgery, Aurora, CO, USA

**79.16. Mechanical Properties and Healing in Burn Wounds.** D. Koganti<sup>1</sup>, S. Tannouri<sup>1</sup>, C. Lotto<sup>1</sup>, E. Macarak<sup>2</sup>, J. Uitto<sup>2</sup>, J. Rosenbloom<sup>2</sup> <sup>1</sup>Thomas Jefferson University, Dermatology/ Surgery, Philadelphia, PA, USA <sup>2</sup>Thomas Jefferson University, Dermatology, Philadelphia, PA, USA

**79.17. Beta-glucuronidase Inhibitor Reduces Diclofenac Induced Anastomotic Leakage.** S. Yauw<sup>1</sup>, M. Arron<sup>1</sup>, R. Lomme<sup>1</sup>, P. Van Den Broek<sup>2</sup>, R. Greupink<sup>2</sup>, A. Bhatt<sup>3</sup>, M. Redinbo<sup>3</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboudumc, Department Of Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Radboudumc, Department Of Pharmacology And Toxicology, Nijmegen, GELDERLAND, Netherlands <sup>3</sup>University Of North Carolina At Chapel Hill, Department Of Biochemistry And Microbiology, Chapel Hill, NORTH CAROLINA, USA

**79.18. Biliary Excretion of Diclofenac Metabolites Leads to Increased Rates of Anastomotic Leakage in Rats.** S. Yauw<sup>1</sup>, R. Lomme<sup>1</sup>, P. Van Den Broek<sup>2</sup>, R. Greupink<sup>2</sup>, F. Russel<sup>2</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboudumc, Department Of Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Radboudumc, Department Of Pharmacology And Toxicology, Nijmegen, GELDERLAND, Netherlands

**79.19. Long non-coding RNA Lethe regulates NOX2 expression through inhibiting ERK pathway in macrophages.** J. Xu<sup>1</sup>, C. Zgheib<sup>1</sup>, J. Hu<sup>1</sup>, M. Hodges<sup>1</sup>, K. W. Liechty<sup>1</sup> <sup>1</sup>Laboratory For Fetal And Regenerative Biology, Children's Hospital Colorado And The University Of Colorado Anschutz Medical Campus, Department Of Surgery, Aurora, CO, USA

**79.20. The Temporal Response of Endothelial Dysfunction Following Shock Conditions: An In vitro Model.** J. V. Martin<sup>1</sup>, D. M. Liberati<sup>1</sup>, L. N. Diebel<sup>1</sup> <sup>1</sup>Wayne State University, Marian And Michael Ilitch Department Of Surgery, Detroit, MI, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

## Integrated Quick Shot Presentation Sessions III

## 80. BASIC SCIENCE QUICKSHOT

BRAHMS 1

MODERATOR: Kenneth W. Liechty, MD &amp; Malcolm MacConmara, MB, BCh, BAO

- 80.01. Damage-Associated Molecular Patterns Are Mitigated by DPR in Resuscitated Hemorrhagic Shock.** M. A. Wilson<sup>1,2</sup>, P. J. Matheson<sup>1,2</sup>, J. L. Weaver<sup>1</sup>, C. D. Downard<sup>1,2</sup>, R. N. Garrison<sup>1,2</sup>, J. W. Smith<sup>1,2</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA <sup>2</sup>Robley Rex Veterans Affairs Medical Center, Research, Louisville, KY, USA
- 80.02. Direct Peritoneal Resuscitation Decreases Lung ICAM and MPO After Resuscitated Hemorrhagic Shock.** M. A. Eid<sup>1</sup>, P. J. Matheson<sup>1,2</sup>, V. S. Graham<sup>1</sup>, C. D. Downard<sup>1,2</sup>, R. N. Garrison<sup>1,2</sup>, J. W. Smith<sup>1,2</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA <sup>2</sup>Robley Rex Veterans Affairs Medical Center, Research, Louisville, KY, USA
- 80.03. Hydrogen peroxide promotes polarization of macrophages to the M1 phenotype.** J. Xu<sup>1</sup>, J. Hu<sup>1</sup>, C. Zgheib<sup>1</sup>, M. Hodges<sup>1</sup>, K. W. Liechty<sup>1</sup> <sup>1</sup>Laboratory For Fetal And Regenerative Biology, Children's Hospital Colorado And The University Of Colorado Anschutz Medical Campus, Department Of Surgery, Aurora, CO, USA
- 80.04. Whole Blood Mitigates Acute Coagulopathy of Trauma by Avoiding the Coagulopathy of Resuscitation.** A. R. Macko<sup>1</sup>, L. J. Schaub<sup>1</sup>, J. J. Glaser<sup>1</sup>, H. B. Moore<sup>2,3</sup>, E. E. Moore<sup>2,3</sup>, F. R. Sheppard<sup>1</sup> <sup>1</sup>Naval Medical Research Unit-San Antonio, Expeditionary Trauma And Medicine, Ft. Sam Houston, TX, USA <sup>2</sup>Denver Health Medical Center, Aurora, CO, USA <sup>3</sup>University Of Colorado Denver, Aurora, CO, USA
- 80.05. A Novel Blood Coagulation Assay: Optical Detection of Clot Kinetics Between Matched Surface Areas.** M. J. George<sup>1</sup>, C. Cox<sup>1</sup>, K. Aroom<sup>1</sup>, T. Sharma<sup>1</sup>, M. Skibber<sup>1</sup>, B. Gill<sup>1</sup> <sup>1</sup>The University Of Texas Health Science Center At Houston, Department Of Surgery, Houston, TX, USA
- 80.06. Characterization of the Abdominal Adhesion Fibroblast.** C. D. Marshall<sup>1</sup>, M. S. Hu<sup>2</sup>, R. C. Ransom<sup>1</sup>, L. A. Barnes<sup>1</sup>, A. A. Moore<sup>1,3</sup>, T. D. Leavitt<sup>1</sup>, H. P. Lorenz<sup>1</sup>, M. T. Longaker<sup>1</sup> <sup>1</sup>Stanford University School Of Medicine, Department Of Surgery, Stanford, CA, USA <sup>2</sup>University Of Hawai'i John A. Burns School Of Medicine, Department Of Surgery, Honolulu, HI, USA <sup>3</sup>Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA
- 80.07. Sphingosine Demonstrates Effective Killing of E. coli in Models of Urinary Tract Infection.** R. M. Boudreau<sup>1</sup>, G. E. Martin<sup>1</sup>, C. Couch<sup>1</sup>, A. E. Mahdy<sup>1</sup>, M. J. Edwards<sup>1</sup>, E. Gulbins<sup>1,2</sup>, A. P. Seitz<sup>1</sup>, P. L. Jernigan<sup>1</sup> <sup>1</sup>University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA <sup>2</sup>Universität Duisburg-Essen, Division Of Molecular Biology, Essen, NORTH RHINE-WESTPHALIA, Germany
- 80.08. A novel Alkaline Phosphatase in Pancreatic  $\kappa$ -cells.** J. M. Ramirez Decrescenzo<sup>1</sup>, A. R. Munoz<sup>1</sup>, A. S. Liss<sup>1</sup>, F. M. Kuehn<sup>1</sup>, F. Adiliaghdam<sup>1</sup>, S. R. Hamarneh<sup>1</sup>, R. A. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA
- 80.09. Effect of Biomechanical Stretch on Regulation of Extracellular Matrix Hyaluronan by Fibroblasts.** M. Fahrenholtz<sup>1</sup>, X. Wang<sup>1</sup>, H. Li<sup>1</sup>, Y. Dhamija<sup>1</sup>, P. Duann<sup>1</sup>, M. Rae<sup>1</sup>, K. Grande-Allen<sup>2</sup>, S. Keswani<sup>1</sup>, S. Balaji<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Surgery, Houston, TX, USA <sup>2</sup>Rice University, Bioengineering, Houston, TX, USA
- 80.10. Regulation of Cell Proliferation by the MicroRNA-200 Family in Colorectal Cancer Cell Lines.** J. Burton<sup>1</sup>, J. Carter<sup>1</sup>, K. Ramos<sup>2</sup>, B. G. Oxford<sup>3</sup>, M. R. Eichenberger<sup>1</sup>, S. Galandiuk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA <sup>2</sup>University Of Arizona, College Of Medicine, Tucson, AZ, USA <sup>3</sup>University Of Louisville, School Of Medicine, Louisville, KY, USA
- 80.11. Modulation of Intestinal Epithelial and Microbial Homeostasis with Exercise in a Colitis Model.** A. R. Munoz<sup>1</sup>, S. R. Hamarneh<sup>1</sup>, H. Albadawi<sup>2</sup>, M. Watkins<sup>2</sup>, F. Adiliaghdam<sup>1</sup>, J. M. Ramirez<sup>1</sup>, F. Kuehn<sup>1</sup>, R. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA <sup>2</sup>Massachusetts General Hospital, Division Of Vascular And Endovascular Surgery, Boston, MA, USA
- 80.12. Periosteal Cells are Skeletal Progenitor Cells.** T. V. Boyko<sup>1,2</sup>, Z. Wang<sup>1</sup>, M. T. Longaker<sup>1</sup>, G. P. Yang<sup>1,3</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA <sup>2</sup>State University Of New York At Buffalo, Surgery, Buffalo, NY, USA <sup>3</sup>VA Palo Alto Healthcare Systems, Surgery, Palo Alto, CA, USA
- 80.14. Hand to Hand Coupling: A Novel Mechanism of Unintentional Energy Transfer.** D. M. Overbey<sup>1,2</sup>, S. A. Hilton<sup>1</sup>, N. T. Townsend<sup>1</sup>, B. C. Chapman<sup>1</sup>, C. D. Raeburn<sup>1,2</sup>, T. N. Robinson<sup>1,2</sup>, E. L. Jones<sup>1,2</sup> <sup>1</sup>University Of Colorado, Surgery, Aurora, CO, USA <sup>2</sup>Denver Veterans Affairs Hospital, Surgery, Denver, CO, USA
- 80.16. Which Appendicoliths are More Likely to Cause Appendicitis?** M. Khan<sup>1</sup>, M. B. Chaudhry<sup>2</sup>, N. Shahzad<sup>1</sup>, M. Wajid<sup>1</sup>, W. A. Memon<sup>2</sup>, A. Alvi<sup>1</sup> <sup>1</sup>Aga Khan University Medical College, Surgery, Karachi, Sindh, Pakistan <sup>2</sup>Aga Khan University Medical College, Radiology, Karachi, Sindh, Pakistan
- 80.17. CD36 as a Potential Modifier Gene in Familial Adenomatous Polyposis.** M. Holmes<sup>1</sup>, K. Bolton<sup>2,3</sup>, B. Talseth-Palmer<sup>2,3</sup>, P. Pockney<sup>1,4</sup>, R. Scott<sup>1,2,3</sup> <sup>1</sup>Hunter New England Local Health District, Newcastle, NSW, Australia <sup>2</sup>Hunter Medical Research Institute, Newcastle, NSW, Australia <sup>3</sup>University Of Newcastle, Discipline Of Medical Genetics, School Of Biomedical Science And Pharmacy, Newcastle, NSW, Australia <sup>4</sup>University Of Newcastle, School Of Medicine And Public Health, Newcastle, NSW, Australia
- 80.18. Circulating Plasma MicroRNAs in Colorectal Neoplasia: A New Role in Assessing Response to Therapy.** J. Carter<sup>1</sup>, U. Netz<sup>1</sup>, K. Feagins<sup>1</sup>, V. States<sup>1</sup>, M. R. Eichenberger<sup>1</sup>, S. Galandiuk<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA
- 80.19. Angiogenin Regulates COX-2 Expression by TNF- $\alpha$  and Bradykinin in the Human Colonic Myofibroblast.** E. Chu<sup>1</sup>, T. Liu<sup>1</sup>, N. Vanli<sup>1</sup>, G. F. Hu<sup>1</sup>, J. Yoo<sup>1</sup> <sup>1</sup>Tufts Medical Center, Colon And Rectal Surgery, Boston, MA, USA
- 80.20. Alterations in Biomarkers of Coagulation and Fibrinolysis Following Burn Injury.** M. Vigiola Cruz<sup>2,3</sup>, K. E. Brummel-Ziedins<sup>4</sup>, T. Orfeo<sup>4</sup>, L. Moffatt<sup>2</sup>, J. W. Shupp<sup>2,3</sup> <sup>2</sup>MedStar Health Research Institute, Firefighters' Burn And Surgical Research Laboratory, Washington, DC, USA <sup>3</sup>MedStar Washington Hospital Center, The Burn Center, Washington, DC, USA <sup>4</sup>University Of Vermont, Department Of Biochemistry, Colchester, VT, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 81. CLINICAL/OUTCOMES: CARDIOTHORACIC 2 QUICKSHOT

BRAHMS 2

**MODERATORS: Danny Chu, MD & Omar Awais, DO**

**81.01. Factors That Alter the Relationship Between Peak Postoperative CKMB and Troponin T After CABG.** K. M. Mehta<sup>1</sup>, J. Pruszyński<sup>1</sup>, M. Peltz<sup>1</sup>, L. C. Huffman<sup>1</sup>, P. Bajona<sup>1</sup>, M. A. Wait<sup>1</sup>, R. Correa<sup>1</sup>, W. Ring<sup>1</sup>, M. Jessen<sup>1</sup> <sup>1</sup>UT Southwestern Medical Center, Department Of Cardiovascular And Thoracic Surgery, Dallas, TX, USA

**81.02. Aortic Z-Scores As Indicators for Aortic Repair.** M. R. Helder<sup>1</sup>, H. V. Schaff<sup>1</sup>, A. Pochettino<sup>1</sup>, H. Connolly<sup>1</sup> <sup>1</sup>Mayo Clinic, Cardiovascular Surgery And Cardiovascular Diseases, Rochester, MN, USA

**81.03. Efficacy of Preoperative MRSA Screening and Decolonization in a Thoracic Surgical Oncology Clinic.** G. M. Fitzpatrick<sup>6</sup>, H. Frum<sup>1</sup>, R. Quilitz<sup>2,5</sup>, R. L. Sandin<sup>7</sup>, D. Ruge<sup>7</sup>, J. L. Greene<sup>2,5</sup>, J. R. Garrett<sup>1</sup>, C. C. Moodie<sup>1</sup>, E. M. Toloza<sup>1,3,4</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>Moffitt Cancer Center, Infectious Diseases, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>4</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>5</sup>University Of South Florida Morsani College Of Medicine, Medicine, Tampa, FL, USA <sup>6</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA <sup>7</sup>Moffitt Cancer Center, Pathology, Tampa, FL, USA

**81.04. Lung Resection for Non-Small Cell Lung Cancer: Does Perioperative Fluids Affect Outcomes?** M. Asai<sup>1</sup>, A. X. Samayoa<sup>1</sup>, C. Hodge<sup>1</sup>, Y. Shan<sup>1</sup>, H. Pak<sup>1</sup>, T. Vu<sup>1</sup> <sup>1</sup>Abington Memorial Hospital, General Surgery, Abington, PA, USA

**81.05. Evaluation Of Navigational Bronchoscopic(ENB) biopsy of Lung lesions performed by a surgical service.** T. D. Witek<sup>1</sup>, A. Pennathur<sup>1</sup>, J. D. Luketich<sup>1</sup>, M. Scaife<sup>1</sup>, D. Azar<sup>1</sup>, M. J. Schuchert<sup>1</sup>, W. E. Gooding<sup>2</sup>, O. Awais<sup>1</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Department Of Cardiothoracic Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh Cancer Institute Biostatistics Facility, Pittsburgh, PA, USA

**81.06. Factors Affecting Likelihood of Obtaining Thoracoscopic Versus Open Lobectomy: A NSQIP Analysis.** A. Osasona<sup>2</sup>, H. Mehta<sup>2</sup>, J. Goodwin<sup>3</sup>, K. Brown<sup>2</sup>, I. Okereke<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Cardiothoracic, Galveston, TX, USA <sup>2</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA <sup>3</sup>University Of Texas Medical Branch, Internal Medicine, Galveston, TX, USA

**81.07. Sinus of Valsalva aneurysms with concomitant aortic insufficiency: what to do with the valve?** K. YIN<sup>1</sup>, Y. Lin<sup>1</sup>, Z. Zhang<sup>1</sup>, Y. Wang<sup>1</sup>, C. Wang<sup>1</sup> <sup>1</sup>Zhongshan Hospital Fudan University, Department Of Cardiac Surgery, Shanghai, SHANGHAI, China

**81.08. Chest Wall Dimensions and Perioperative Outcomes after Robotic-Assisted Pulmonary Lobectomy.** K. Ratnasamy<sup>4</sup>, M. R. Kuhns<sup>1</sup>, F. O. Velez-Cubian<sup>2</sup>, K. Rodriguez<sup>4</sup>, C. C. Moodie<sup>1</sup>, J. R. Garrett<sup>1</sup>, J. P. Fontaine<sup>1,2,3</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA

**81.09. Optimal Monitoring Frequency for Warfarin Dosing Adjustment Following Cardiac Surgery.** K. Kim<sup>1</sup>, C. Bowles<sup>1</sup>, Y. Jiao<sup>1</sup>, R. Ou<sup>1</sup>, L. Mukdad<sup>1</sup>, S. Barajas Nuno<sup>1</sup>, H. Laks<sup>1,2</sup>, R. Shemin<sup>1,2</sup>, P. Benharash<sup>1,2</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA

**81.10. Safety and Feasibility of Trileaflet Aortic Valve Reconstruction: A Case Control Study.** P. Chan<sup>1</sup>, E. Chan<sup>1</sup>, D. Chu<sup>1</sup> <sup>1</sup>University Of Pittsburgh School Of Medicine, Cardiothoracic Surgery, Pittsburgh, PA, USA

**81.11. Safety of Left Thoracoscopic Lung Resection after Previous Coronary Artery Bypass Grafting.** S. L. Hall<sup>1</sup>, K. Attwood<sup>1</sup>, A. Battoo<sup>1</sup>, E. Dexter<sup>1</sup>, M. Hennon<sup>1</sup>, M. Huang<sup>1</sup>, C. Nwogu<sup>1</sup>, S. Yendamuri<sup>1</sup>, T. Demmy<sup>1</sup>, A. Picone<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Thoracic Surgery, Buffalo, NY, USA

**81.12. Liver Dysfunction Predicts Poor Outcomes in Adult Extracorporeal Membrane Oxygenation Support.** N. Dobrilovic<sup>1</sup>, L. Michalak<sup>1</sup>, O. Lateef<sup>2</sup>, B. Mohamedali<sup>2</sup>, D. Smego<sup>1</sup>, R. March<sup>1</sup>, M. Alimohamed<sup>2</sup>, M. Delibasic<sup>1</sup>, D. Radovanovic<sup>1</sup>, J. R. Raman<sup>1</sup> <sup>1</sup>Rush University Medical Center, Cardiovascular And Thoracic Surgery, Chicago, IL, USA <sup>2</sup>Rush University Medical Center, Internal Medicine, Chicago, IL, USA

**81.13. Assessing Autonomic Tone via ECG Markers to Predict Postoperative Atrial Fibrillation .** K. Kim<sup>1</sup>, P. Frank<sup>2</sup>, W. Toppen<sup>3</sup>, S. Barajas Nuno<sup>1</sup>, L. Mukdad<sup>1</sup>, P. Benharash<sup>1,4</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Anesthesiology, Los Angeles, CA, USA <sup>3</sup>University Of California - Los Angeles, Medicine, Los Angeles, CA, USA <sup>4</sup>University Of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA

**81.14. Surgical management of pulmonary artery sarcoma: 11 years' experience.** K. YIN<sup>1</sup>, Y. Lin<sup>1</sup>, Z. Zhang<sup>1</sup>, C. Wang<sup>1</sup> <sup>1</sup>Zhongshan Hospital Fudan University, Department Of Cardiac Surgery, Shanghai, SHANGHAI, China

**81.15. Outcomes after Bilateral Thoracoscopic Splanchnicectomy for Treatment of Chronic Pancreatitis Pain.** I. Qureshi<sup>1</sup>, K. Bartels<sup>2</sup>, M. Bronsert<sup>3</sup>, J. D. Mitchell<sup>1</sup>, M. J. Weyant<sup>1</sup>, R. J. Shah<sup>4</sup>, B. H. Edil<sup>1</sup>, R. A. Meguid<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Surgery/Medicine, Aurora, CO, USA <sup>2</sup>University Of Colorado Denver, Critical Care/Anesthesiology/Medicine, Aurora, CO, USA <sup>3</sup>University Of Colorado Denver, Adult And Child Center For Health Outcomes Research And Delivery Science, Aurora, CO, USA <sup>4</sup>University Of Colorado Denver, Gastroenterology/Internal Medicine/Medicine, Aurora, CO, USA

**81.16. The Use of Antegrade Limb Perfusion Decreases the Risk of Limb Ischemia in Patients on V-A ECMO.** R. Lyons<sup>1</sup>, D. Dexter<sup>1</sup>, R. Lyons<sup>1</sup> <sup>1</sup>Eastern Virginia Medical School, Surgery, Norfolk, VA, USA

**81.17. Outcomes of Adult Venous-Arterial Extracorporeal Membrane Oxygenation at a High Volume Center.** D. Ranney<sup>1</sup>, B. Yerokun<sup>1</sup>, J. Meza<sup>1</sup>, D. Bonadonna<sup>1</sup>, J. Schroder<sup>1</sup>, J. Haney<sup>1</sup>, C. Milano<sup>1</sup>, M. Daneshmand<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA

**81.20. Electromagnetic Navigational Bronchoscopy in the Hands of a Thoracic Surgeon.** A. Cheng<sup>1</sup>, C. C. Moodie<sup>1</sup>, J. R. Garrett<sup>1</sup>, E. M. Toloza<sup>1,2,3</sup> <sup>1</sup>Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA <sup>2</sup>University Of South Florida Morsani College Of Medicine, Surgery, Tampa, FL, USA <sup>3</sup>University Of South Florida Morsani College Of Medicine, Oncologic Sciences, Tampa, FL, USA <sup>4</sup>University Of South Florida, Morsani College Of Medicine, Tampa, FL, USA

TUESDAY

WEDNESDAY

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## Integrated Quick Shot Presentation Sessions III

## 82. CLINICAL/OUTCOMES: ONCOLOGY - PATIENT CENTERED OUTCOMES 3 QUICKSHOT

BRAHMS 3

MODERATORS: Lawrence A. Shirley, MD &amp; Dana A. Telem, MD

- 82.02. The Impact of Body Mass Index (BMI) on the Outcomes of Resected Gastrointestinal Stromal Tumors.** Z. E. Stiles<sup>1</sup>, T. M. Rist<sup>2</sup>, P. V. Dickson<sup>1</sup>, M. G. Martin<sup>2,3</sup>, B. G. Somer<sup>2,3</sup>, E. S. Glazer<sup>1</sup>, M. D. Fleming<sup>1</sup>, D. Shibata<sup>1</sup>, J. L. Deneve<sup>1</sup> <sup>1</sup>University Of Tennessee Health Science Center (UTHSC), Department Of Surgery, Memphis, TN, USA <sup>2</sup>University Of Tennessee Health Science Center (UTHSC), College Of Medicine, Memphis, TN, USA <sup>3</sup>West Cancer Center, Memphis, TN, USA
- 82.03. Nutritional Outcomes Following HIPEC.** S. Aronson<sup>1</sup>, A. M. Blakely<sup>1</sup>, T. J. Miner<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Department Of Surgery, Providence, RI, USA
- 82.04. Use of Axillary Lymph Node Dissection (ALND) in Patients with Micrometastatic Breast Cancer.** M. L. Collins<sup>2</sup>, C. O'Donoghue<sup>1</sup>, W. Sun<sup>1</sup>, C. Laronga<sup>1</sup>, J. Zhou<sup>1</sup>, Z. Ma<sup>1</sup>, M. C. Lee<sup>1</sup> <sup>1</sup>Moffitt Cancer Center, Tampa, FL, USA <sup>2</sup>Morsani College Of Medicine, Tampa, FL, USA
- 82.05. A Comparison of Specialty-based Surgical Approaches and Attitudes to Adrenalectomy.** S. C. Oltmann<sup>3</sup>, D. M. Elfenbein<sup>2</sup>, R. S. Sippel<sup>4</sup>, H. Chen<sup>1</sup>, J. L. Rabaglia<sup>3</sup>, A. P. Dackiw<sup>3</sup>, F. E. Nwariaku<sup>3</sup>, S. A. Holt<sup>3</sup>, D. F. Schneider<sup>4</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of California - Irvine, Surgery, Orange, CA, USA <sup>3</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA <sup>4</sup>University Of Wisconsin, Surgery, Madison, WI, USA
- 82.06. Patient-Level Differences Between Individuals With Stage IV Colon and Stage IV Rectal Cancer.** E. H. Wood<sup>1</sup>, A. N. Kothari<sup>1</sup>, P. C. Kuo<sup>1</sup>, J. Eberhardt<sup>1</sup>, T. Saclarides<sup>1</sup>, D. Hayden<sup>1</sup> <sup>1</sup>Loyola University Medical Center, Surgery, Maywood, ILLINOIS, USA
- 82.07. Subcutaneous Fat Mass Is Independently Associated With Survival In Women With Ovarian Cystadenocarcinoma.** J. K. Kays<sup>1</sup>, A. Desai<sup>1</sup>, R. Chauhan<sup>1</sup>, L. G. Koniaris<sup>1</sup>, T. A. Zimmers<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA
- 82.08. Outcomes of Oncologic Resection and Subsequent Reconstruction of Major Defects.** K. P. Walsh<sup>1</sup>, G. Grimbberg<sup>1</sup>, A. J. Scholer<sup>1</sup>, L. J. Lynch<sup>1</sup>, J. D. Keith<sup>2</sup>, R. J. Chokshi<sup>1</sup> <sup>1</sup>New Jersey Medical School, Surgical Oncology, Department Of Surgery, Newark, NJ, USA <sup>2</sup>New Jersey Medical School, Department Of Plastic Surgery, Newark, NJ, USA
- 82.09. Malignant Phylloides Tumors of the Breast in Minorities.** A. S. Moten<sup>1</sup>, A. J. Goldberg<sup>1,2</sup> <sup>1</sup>Temple University Hospital, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Temple University School Of Medicine, Philadelphia, PA, USA
- 82.10. Pre-Surgical Imiquimod Cream Reduces Extent of Moh's Surgery on Basal Cell Carcinoma of Head and Neck.** H. Foong<sup>1</sup>, N. Shaikh<sup>1</sup>, H. Liang<sup>1</sup>, D. Yakoub<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Surgical Oncology At Department Of Surgery, Miami, FL, USA
- 82.11. Screening High-Risk Pancreatic Subjects Leads to Acceptable Detection Rates of Precancerous Findings.** J. T. Wiseman<sup>1</sup>, R. Hendrix<sup>1</sup>, W. Y. Wassef<sup>2</sup>, K. Flores<sup>3</sup>, A. Friedrich<sup>1</sup>, K. Dinh<sup>1</sup>, E. Rouanet<sup>1</sup>, G. Whalen<sup>1</sup>, J. LaFemina<sup>1</sup> <sup>1</sup>University Of Massachusetts, Surgical Oncology, Worcester, MA, USA <sup>2</sup>University Of Massachusetts, Gastroenterology, Worcester, MA, USA <sup>3</sup>University Of Massachusetts, Pediatrics, Worcester, MA, USA
- 82.12. Medullary carcinoma thyroid in the RET era.** D. Abraham<sup>1</sup>, A. Cherian<sup>1</sup>, R. Pai<sup>2</sup>, S. Chakravarthy<sup>1</sup>, P. Jacob<sup>1</sup> <sup>1</sup>Christian Medical College, Vellore, Endocrine Surgery, Vellore, TAMIL NADU, India <sup>2</sup>Christian Medical College, Vellore, Molecular Pathology, Vellore, TAMIL NADU, India
- 82.13. Long Term Survival After Resection of Sarcomatoid Carcinoma of the Pancreas: An Updated Experience.** A. Blair<sup>1</sup>, R. Burkhart<sup>1</sup>, J. Griffin<sup>1</sup>, J. Miller<sup>2</sup>, M. Weiss<sup>1</sup>, M. Makary<sup>1</sup>, J. Cameron<sup>1</sup>, C. Wolfgang<sup>1</sup>, J. He<sup>1</sup> <sup>2</sup>Johns Hopkins University School Of Medicine, Department Of Pathology, Baltimore, MD, USA <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA
- 82.14. Let's cut the Core; When is Core Biopsy Enough for Sub Centimeter Breast Cancer? .** B. Shea<sup>1</sup>, W. Boyan<sup>1</sup>, K. Kamrani<sup>1</sup>, G. Lepis<sup>2</sup>, S. Chang<sup>1</sup>, M. Goldfarb<sup>1</sup>, D. Dupree<sup>1</sup>, M. Kohli<sup>1</sup> <sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada <sup>1</sup>Monmouth Medical Center, Surgery, Long Branch, NJ, USA
- 82.15. Propensity Matched Analysis of Infection Rates in Wide Local Excision of Melanoma.** D. R. Ziaadeh<sup>2</sup>, E. L. Kalbfell<sup>2</sup>, R. N. Matar<sup>2</sup>, S. Mauch<sup>2</sup>, L. R. Mohey<sup>2</sup>, J. L. Parker<sup>3</sup>, M. Melnik<sup>1,2</sup> <sup>1</sup>Spectrum Health, Surgical Oncology, Grand Rapids, MICHIGAN, USA <sup>2</sup>Michigan State University, College Of Human Medicine, Grand Rapids, MICHIGAN, USA <sup>3</sup>Spectrum Health, Biostatistics & Research, Grand Rapids, MICHIGAN, USA
- 82.16. Clinical Characterization of Pancreatic Sarcoma: A Longitudinal Single Institution Experience.** C. V. De Carvalho Fischer<sup>1</sup>, H. N. Overton<sup>1</sup>, C. L. Wolfgang<sup>1</sup>, C. Meyer<sup>2</sup>, F. M. Johnston<sup>1</sup>, N. Ahuja<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Medical Oncology, Baltimore, MD, USA
- 82.17. Optimal Timing for Surgery following Neoadjuvant Chemoradiation in Patients with Rectal Cancer.** N. Ghalyaie<sup>1</sup>, K. S. Goodman<sup>2</sup>, C. S. Lau<sup>2,3</sup>, R. S. Chamberlain<sup>2,3,4</sup> <sup>1</sup>Banner MD Anderson Cancer Center, Surgery, Gilbert, AZ, USA <sup>2</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA <sup>3</sup>Saint George's University, Grenada, Grenada <sup>4</sup>Rutgers University, Surgery, Newark, NJ, USA
- 82.18. Reconstruction of Major Defects after Oncologic Resection: An Institutional Review.** K. P. Walsh<sup>1</sup>, G. Grimbberg<sup>1</sup>, A. J. Scholer<sup>1</sup>, L. J. Lynch<sup>1</sup>, J. D. Keith<sup>2</sup>, R. J. Chokshi<sup>1</sup> <sup>1</sup>New Jersey Medical School, Division Of Surgical Oncology, Department Of Surgery, Newark, NJ, USA <sup>2</sup>New Jersey Medical School, Department Of Plastic Surgery, Newark, NJ, USA
- 82.19. Reconstruction and Functional Status Following Surgical Treatment of Foot Melanoma.** G. M. Winter<sup>1</sup>, J. D. Vargo<sup>2</sup>, J. M. Mammen<sup>3</sup> <sup>1</sup>University Of Kansas, School Of Medicine, Kansas City, KS, USA <sup>2</sup>University Of Kansas, Department Of Plastic Surgery, Kansas City, KS, USA <sup>3</sup>University Of Kansas, Department Of Surgery, Kansas City, KS, USA
- 82.20. \*JSS ABSTRACT Sarcopenia is a predictor of postoperative morbidity and mortality in elderly with esophageal cancer.** Y. Nakashima<sup>1</sup>, H. Saeki<sup>1</sup>, R. Nakanishi<sup>1</sup>, M. Sugiyama<sup>1</sup>, J. Kurashige<sup>1</sup>, E. Oki<sup>1</sup>, Y. Maehara<sup>1</sup> <sup>1</sup>Kyushu University, Department Of Surgery And Science, Fukuoka, FUKUOKA, Japan

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 83. CLINICAL/OUTCOMES: PEDIATRICS/ENDOCRINE QUICKSHOT

BRAHMS 4

**MODERATORS: Troy A. Markel, BA, MD & Faisal Quereshi, MD**

#### 83.01. Gastrointestinal Outcomes of Patients with Omphalocele.

P. E. Lau<sup>1</sup>, C. S. Bernardo<sup>1</sup>, O. O. Olutoye<sup>1,2</sup>, D. L. Cass<sup>1,2</sup>, S. M. Cruz<sup>1</sup>, T. C. Lee<sup>1,2</sup>, S. Nuthakki<sup>2</sup> <sup>1</sup>Baylor College Of Medicine, Pediatric Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Pediatrics, Houston, TX, USA

#### 83.03. Skeletal Survey and its Role in Identifying a Non-Accidental Mechanism in Pediatric Trauma Patients.

J. Green<sup>3</sup>, R. N. Damle<sup>3</sup>, M. Hazeltine<sup>2</sup>, G. Keefe<sup>2</sup>, J. Brady<sup>2</sup>, P. P. Nazarey<sup>4</sup>, M. P. Hirsh<sup>4</sup>, J. T. Aidlen<sup>4</sup> <sup>2</sup>University Of Massachusetts Medical School, School Of Medicine, Worcester, MA, USA <sup>3</sup>University Of Massachusetts Medical School, General Surgery, Worcester, MA, USA <sup>4</sup>University Of Massachusetts Medical School, Pediatric Surgery, Worcester, MA, USA

#### 83.04. An Analysis of the Online Reputations of New England Pediatric Surgeons.

K. Ashok<sup>1</sup>, P. Chang<sup>2,3</sup> <sup>1</sup>New York University, New York, NY, USA <sup>2</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA <sup>3</sup>Shriners Hospitals For Children-Cincinnati, Cincinnati, OH, USA

#### 83.05. A Review of the Treatment of Splenic Cysts at Children's Medical Center.

J. Hassoun<sup>1,2</sup>, O. Gezzer<sup>3</sup>, F. Qureshi<sup>1,2</sup> <sup>3</sup>Howard University College Of Medicine, Washington, DC, USA <sup>1</sup>Children's Medical Center, Dallas, TX, USA <sup>2</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA

#### 83.06. Appropriateness and Attitudes Regarding Frozen Section Utilization in a Tertiary Children's Hospital.

F. Hebal<sup>1</sup>, M. Browne<sup>2</sup>, P. Chou<sup>1,3</sup>, N. Wadhwani<sup>1,3</sup>, M. Reynolds<sup>1,3</sup> <sup>1</sup>Ann & Robert H Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA <sup>2</sup>Lehigh Valley Children's Hospital, Pediatric Surgery, Allentown, PA, USA <sup>3</sup>Northwestern University, Feinberg School Of Medicine, Chicago, IL, USA

#### 83.07. Pressure Ulcer Formation in Pediatric Patients on Extracorporeal Membranous Oxygenation.

S. Tam<sup>1</sup>, A. Mobargha<sup>2</sup>, J. Tobias<sup>3</sup>, C. Schad<sup>4</sup>, S. Okochi<sup>1</sup>, A. Shakoor<sup>1</sup>, W. Middlesworth<sup>1</sup>, V. Duron<sup>1</sup> <sup>1</sup>New York Presbyterian Hospital, New York, NY, USA <sup>2</sup>Copenhagen University Hospital, Copenhagen, Denmark <sup>3</sup>Columbia University College Of Physicians And Surgeons, New York, NY, USA <sup>4</sup>Morgan Stanley Children's Hospital of New York, New York, NY, USA

#### 83.08. Outcomes following Gastroschisis Repair: Associations with Gestational Age..

J. E. Sola<sup>1</sup>, E. A. Perez<sup>1</sup>, J. Parreco<sup>1</sup>, J. Tashiro<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA

#### 83.09. With Age Comes Wisdom: Is Mother's Age Predictive of Non-Accidental Trauma in Children?.

J. Green<sup>1</sup>, R. N. Damle<sup>1</sup>, G. Keefe<sup>3</sup>, J. Brady<sup>3</sup>, M. Hazeltine<sup>3</sup>, P. P. Nazarey<sup>2</sup>, M. P. Hirsh<sup>2</sup>, J. T. Aidlen<sup>2</sup> <sup>1</sup>University Of Massachusetts Medical School, General Surgery, Worcester, MA, USA <sup>2</sup>University Of Massachusetts Medical School, Pediatric Surgery, Worcester, MA, USA <sup>3</sup>University Of Massachusetts Medical School, Medical School, Worcester, MA, USA

#### 83.10. Retained Foreign Bodies and Associated Surgical Procedures in Pediatric Patients.

A. L. Schwartz<sup>1</sup>, M. M. Nourian<sup>1</sup>, B. T. Bucher<sup>1</sup> <sup>1</sup>University Of Utah, Division Of Pediatric Surgery, Salt Lake City, UT, USA

#### 83.11. Optimal Timing of Surgical Intervention for Patients with Gastroschisis and Atresia .

H. E. Arnold<sup>1</sup>, H. Short<sup>1</sup>, K. Baxter<sup>1</sup>, C. D. Travers<sup>2</sup>, A. M. Bhatia<sup>1</sup>, M. M. Durham<sup>1</sup>, M. V. Raval<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Division Of Pediatric Surgery, Department Of Surgery, Atlanta, GA, USA <sup>2</sup>Emory University School Of Medicine, Department Of Pediatrics, Atlanta, GA, USA <sup>3</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA <sup>4</sup>Emory University School Of Medicine, Department Of Pediatrics, Atlanta, GA, USA

#### 83.12. Are Foley Catheters Needed in the Postoperative Care of Children with Perforated Appendicitis?.

S. Mohammed<sup>1</sup>, Y. R. Yu<sup>1,2</sup>, R. Sola<sup>3</sup>, J. T. Lackey<sup>1</sup>, S. John<sup>4</sup>, E. Rosenfeld<sup>1,2</sup>, W. Zhang<sup>2</sup>, S. D. St. Peter<sup>3</sup>, S. R. Shah<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Division Of General Surgery, Houston, TX, USA <sup>2</sup>Texas Children's Hospital, Division Of Pediatric Surgery, Houston, TX, USA <sup>3</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Division Of Pediatric Surgery, Kansas City, MO, USA <sup>4</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA

#### 83.13. Readmission and Imaging Outcomes in Pediatric Complicated Appendicitis: a Matched Case-Control Study.

K. L. Murphy<sup>1</sup>, R. P. Foglia<sup>1</sup>, S. E. Wolf<sup>1</sup>, A. C. Alder<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA

#### 83.14. Efficacy of Oral Antibiotics in Children with Post-Operative Abscess from Perforated Appendicitis.

K. L. Weaver<sup>1</sup>, A. S. Poola<sup>1</sup>, K. W. Gonzalez<sup>1</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital, Department Of Pediatric General Surgery, Kansas City, MISSOURI, USA

#### 83.15. Use of Ultrasound for Distinguishing Non-Perforated from Perforated Appendicitis in Children.

B. C. Weber<sup>3</sup>, K. G. Gill<sup>2</sup>, E. L. Riedesel<sup>2</sup>, R. S. Cartmill<sup>4</sup>, C. M. Leys<sup>1</sup>, J. E. Kohler<sup>1</sup> <sup>1</sup>University Of Wisconsin, Pediatric Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Pediatric Radiology, Madison, WI, USA <sup>3</sup>University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA <sup>4</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Madison, WI, USA

#### 83.16. Use of Prophylactic Radiation Therapy to Prevent Keloid Formation after Thyroid Surgeries.

M. A. Anwar<sup>2</sup>, R. Kholmatov<sup>1</sup>, F. Murad<sup>1</sup>, D. Bu Ali<sup>1</sup>, E. Kandil<sup>1</sup> <sup>1</sup>Tulane University School Of Medicine, New Orleans, LA, USA <sup>2</sup>Wayne State University, Detroit, MI, USA

#### 83.17. Racial and Ethnic Disparities in Survival of Pediatric Sarcoma.

A. J. Jacobs<sup>1</sup>, E. Lindholm<sup>2</sup>, C. Fein Levy<sup>3</sup>, J. D. Fish<sup>3</sup>, R. D. Glick<sup>2</sup> <sup>1</sup>Hofstra Northwell School Of Medicine, Hempstead, NY, USA <sup>2</sup>Cohen Children's Medical Center, Pediatric Surgery, New Hyde Park, NY, USA <sup>3</sup>Cohen Children's Medical Center, Pediatric Hematology/Oncology, New Hyde Park, NY, USA

#### 83.18. DNR Orders and High Risk Pediatric Surgery: Professional Nuisance or Medical Necessity?.

L. M. Baumann<sup>1,2</sup>, K. Williams<sup>1,2</sup>, F. Abdullah<sup>1,2</sup>, R. J. Hendrickson<sup>3</sup>, T. A. Oyetunji<sup>1,2</sup> <sup>3</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA <sup>1</sup>Feinberg School Of Medicine - Northwestern University, Chicago, IL, USA <sup>2</sup>Ann & Robert H Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA

#### 83.19. Using Adenoma Weight and Volume to Predict Multigland Disease in Primary Hyperparathyroidism.

J. Lee<sup>1</sup>, M. B. Albuja-Cruz<sup>1</sup>, C. Burton<sup>1</sup>, C. D. Raeburn<sup>1</sup>, R. McIntyre<sup>1</sup> <sup>1</sup>University Of Colorado School Of Medicine, GI, Tumor And Endocrine Surgery, Denver, CO, USA

#### 83.20. Impact of fresh frozen plasma transfusion on long-term outcomes in colorectal liver metastases.

Y. Nakaseko<sup>1</sup>, K. Haruki<sup>1</sup>, H. Shiba<sup>1</sup>, Y. Takano<sup>1</sup>, S. Onda<sup>1</sup>, F. Suzuki<sup>1</sup>, M. Matsumoto<sup>1</sup>, T. Sakamoto<sup>1</sup>, T. Gocho<sup>1</sup>, Y. Ishida<sup>1</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School Of Medicine, Department Of Surgery, Nishi-Shinbashi, MINATO-KU, TOKYO, Japan

1:30 PM - 3:30 PM

## Integrated Quick Shot Presentation Sessions III

## 84. CLINICAL/OUTCOMES: PLASTICS QUICKSHOT

CHOPIN 1

MODERATOR: Bernard T. Lee, MD MBA &amp; Dhruv Singhal, MD

- 84.01. Umbilical Necrosis Rates After Abdominal Based Microsurgical Breast Reconstruction.** J. A. Ricci<sup>1</sup>, P. Kamali<sup>1</sup>, B. Becherer<sup>1</sup>, D. Curial<sup>1</sup>, W. Wu<sup>1</sup>, B. T. Lee<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Plastic And Reconstructive Surgery, Boston, MA, USA
- 84.02. Patient Satisfaction with Bilateral Breast Reconstruction in Risk-Reducing and Therapeutic Mastectomy.** F. Kazzazi<sup>1</sup>, R. Haggie<sup>1</sup>, P. Forouhi<sup>2</sup>, N. Kazzazi<sup>3</sup>, L. Wyld<sup>3,6</sup>, C. Malata<sup>2,4</sup> <sup>1</sup>University Of Cambridge, Clinical School, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>2</sup>Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge Breast Unit, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>3</sup>Doncaster Royal Infirmary, Jasmine Breast Centre, Doncaster, SOUTH YORKSHIRE, United Kingdom <sup>4</sup>Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust, Department Of Plastic And Reconstructive Surgery, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>5</sup>Anglia Ruskin University, Postgraduate Medical Institute, Faculty Of Medical Sciences, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>6</sup>University Of Sheffield, Sheffield, SOUTH YORKSHIRE, United Kingdom
- 84.04. Trends in Reconstructive Breast Surgery at a UK Tertiary Centre Pre & Post Acellular Dermal Matrices.** H. K. Kankam<sup>1</sup>, G. J. Hourston<sup>1</sup>, L. J. Fopp<sup>2</sup>, A. A. Agrawal<sup>3</sup>, S. L. Benyon<sup>2</sup>, M. S. Irwin<sup>2</sup>, P. Forouhi<sup>3</sup>, J. R. Benson<sup>3,4</sup>, C. M. Malata<sup>2,3,4</sup> <sup>1</sup>University Of Cambridge, School Of Clinical Medicine, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>2</sup>Cambridge University Hospitals NHS Trust, Department Of Plastic Surgery, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>3</sup>Cambridge University Hospitals NHS Trust, Cambridge Breast Unit, Cambridge, CAMBRIDGESHIRE, United Kingdom <sup>4</sup>Anglia Ruskin University, Cambridge And Chelmsford, Postgraduate Medical Institute, Faculty Of Health Sciences, Cambridge, CAMBRIDGESHIRE, United Kingdom
- 84.05. Early Results in Preventing Lymphedema: A Potential Paradigm Shift in Lymphatic Surgery.** D. Singhal<sup>1</sup>, M. Hahamoff<sup>2</sup>, N. Gupta<sup>2</sup>, D. Munoz<sup>2</sup>, C. Shaw<sup>2</sup>, L. Spiguel<sup>2</sup>, D. Singhal<sup>1</sup> <sup>1</sup>BIDMC, Plastic & Reconstructive Surgery/ Surgery, Boston, MA, USA <sup>2</sup>University Of Florida School Of Medicine, Plastic & Reconstructive Surgery, Gainesville, FL, USA
- 84.06. Disparities in the Treatment of Facial Fractures: A Single Center Study.** K. E. Leibl<sup>1</sup>, E. K. Awad<sup>3</sup>, C. Kerby<sup>2</sup>, T. A. Swain<sup>2</sup>, R. L. Griffin<sup>2</sup>, T. W. King<sup>2</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA <sup>2</sup>University Of Alabama At Birmingham, Birmingham, Alabama, USA <sup>3</sup>University Of South Alabama, Mobile, AL, USA
- 84.07. Disparities in Management of Lower Extremity Injuries at a Single, Level 1 Trauma Center.** E. K. Awad<sup>3</sup>, K. Leibl<sup>1</sup>, C. Kerby<sup>2</sup>, T. A. Swain<sup>2</sup>, R. L. Griffin<sup>2</sup>, T. W. King<sup>2</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA <sup>2</sup>University Of Alabama At Birmingham, Birmingham, Alabama, USA <sup>3</sup>University Of South Alabama, Mobile, AL, USA
- 84.08. Readability, Complexity, and Suitability Analysis of Online Lymphedema Resources.** B. N. Tran<sup>1</sup>, M. Singh<sup>1</sup>, B. T. Lee<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Plastic And Reconstructive Surgery/Surgery, Boston, MA, USA
- 84.09. Prealbumin and C-reactive Protein Levels Predict Clinical Outcomes in Burn Patients.** S. J. Day<sup>1</sup>, D. E. Bell<sup>1</sup> <sup>1</sup>University Of Rochester, School Of Medicine And Dentistry, Rochester, NY, USA
- 84.10. The Impact of the Timing of Radiation in Implant Based Breast Reconstruction: A Systematic Review.** J. A. Ricci<sup>1</sup>, B. T. Lee<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Plastic And Reconstructive Surgery, Boston, MA, USA
- 84.11. Usage of Skin Graft Procedures during the Past Two Decades in the United States.** J. Buckley<sup>1</sup>, R. S. Elliott<sup>1</sup>, A. Seifi<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At San Antonio, San Antonio, TX, USA
- 84.12. Superomedial Pedicle Reduction Mammoplasty: Increased Resection Weight Does Not Increase Nipple Necrosis.** P. Brownlee<sup>1</sup>, D. Chesire<sup>1</sup>, M. Crandall<sup>1</sup>, J. Murray<sup>1</sup> <sup>1</sup>University Of Florida, Jacksonville, FL, USA
- 84.13. DIEP Flap Breast Reconstruction: Predictive Factors for Perioperative Blood Loss and Transfusion.** E. Conci<sup>1</sup>, M. Khatib<sup>2</sup>, F. Barakat<sup>3</sup>, P. Forouhi<sup>4</sup>, C. M. Malata<sup>2,5</sup> <sup>1</sup>Cambridge University Medical School, Cambridge, United Kingdom <sup>2</sup>Cambridge University Hospitals NHS Trust, Plastic Surgery, Cambridge, United Kingdom <sup>3</sup>Barnet General Hospital, London, United Kingdom <sup>4</sup>Cambridge University Hospitals NHS Trust, Cambridge Breast Unit, Cambridge, United Kingdom <sup>5</sup>Anglia Ruskin University, Faculty Of Health Sciences, Cambridge, United Kingdom
- 84.14. Disparities in Management of Below Elbow Injuries at a Single, Level 1 Trauma Center.** C. Kerby<sup>1</sup>, K. E. Leibl<sup>3</sup>, E. K. Awad<sup>2</sup>, T. A. Swain<sup>1</sup>, R. L. Griffin<sup>1</sup>, T. W. King<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Birmingham, Alabama, USA <sup>2</sup>University Of South Alabama, Mobile, AL, USA <sup>3</sup>University Of Wisconsin, Madison, WI, USA
- 84.15. Cleft Care in the Medically Complex Patient.** F. Fallahian<sup>1</sup>, M. Tracy<sup>1</sup>, A. Kaye<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Department Of Plastic Surgery, Kansas City, MO, USA
- 84.16. Evolution of Abdominal Wall Reconstruction for Incisional Hernia Repair.** J. Zakhary<sup>1,2</sup>, B. D. Denny<sup>1</sup>, A. Kilic<sup>1</sup>, J. I. De La Torre<sup>1,2</sup> <sup>1</sup>University Of Alabama At Birmingham, Plastic Surgery, Birmingham, AL, USA <sup>2</sup>Birmingham V.A. Medical Center, Plastic Surgery, Birmingham, AL, USA
- 84.17. Long Term Results In Abdominal Wall Reconstruction.** J. Zakhary<sup>1,2</sup>, C. A. Sedano<sup>1</sup>, C. D. Killingsworth<sup>1</sup>, L. O. Vasconez<sup>2</sup>, J. I. De La Torre<sup>1,2</sup> <sup>1</sup>University Of Alabama At Birmingham, Plastic Surgery, Birmingham, AL, USA <sup>2</sup>Birmingham V.A. Medical Center, Plastic Surgery, Birmingham, AL, USA
- 84.18. Frailty as a Predictor of Complications in Plastics.** O. Trofymenko<sup>1</sup>, H. Aziz<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, General Surgery, Tucson, AZ, USA
- 84.19. Trends in CIRP Levels and Wound Healing.** A. Baig<sup>1</sup>, A. Jacob<sup>1,3</sup>, S. Kaplan<sup>1</sup>, M. Akerman<sup>3</sup>, P. Wang<sup>1,2,3</sup>, A. Oropallo<sup>1,2</sup> <sup>1</sup>Northwell Health, Surgery, Manhasset, NY, USA <sup>2</sup>Hofstra Northwell School Of Medicine, Hempstead, NY, USA <sup>3</sup>The Feinstein Institute For Medical Research, Manhasset, NY, USA <sup>4</sup>Hofstra Northwell School Of Medicine, Hempstead, NY, USA
- 84.20. Ventral hernia repair and mesh infection survey.** L. Knaapen<sup>1</sup>, O. Buynse<sup>1</sup>, S. Feaman<sup>4</sup>, P. Frisella<sup>4</sup>, N. Slater<sup>2</sup>, B. Matthews<sup>3</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboud University Medical Center, Department Of Surgery, Nijmegen, GELDERLAND, Netherlands <sup>2</sup>Radboud University Medical Center, Department Of Plastic And Reconstructive Surgery, Nijmegen, Netherlands <sup>3</sup>Carolinas Hernia Institute, Charlotte, SOUTH CAROLINA, USA <sup>4</sup>Washington University, Department Of Surgery, Section Of Minimally Invasive Surgery, St. Louis, MISSOURI, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 85. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - PATIENT CENTERED OUTCOMES 4 QUICKSHOT

CHOPIN 2

**MODERATORS: George Kasotakis, MD & David A. Machado-Aranda, MD**

TUESDAY

WEDNESDAY

THURSDAY

#### 85.01. The Impact of Trauma Centers on Statewide Organ

**Donation Rate.** C. Santino<sup>1</sup>, K. Ibraheem<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, A. Azim<sup>1</sup>, G. Vercruyse<sup>1</sup>, A. Tang<sup>1</sup>, R. Friese<sup>1</sup>, L. Gries<sup>1</sup>, T. O'Keeffe<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Division Of Trauma, Critical Care, Burns & Emergency Surgery, Tucson, AZ, USA

#### 85.02. Cirrhosis and Splenic Trauma: Case Series and Systematic Review.

R. A. Rasheed<sup>1</sup>, E. A. Rogers-Delmas<sup>1</sup>, A. H. Tyroch<sup>1</sup>, B. R. Davis<sup>1</sup> <sup>1</sup>Texas Tech University Health Sciences Center In El Paso, Department Of Surgery, El Paso, TX, USA

#### 85.03. The Utilization of Continuous Renal Replacement Therapy

**for Malignant Hypervolemia.** M. Choi<sup>1</sup>, N. K. Dhillon<sup>1</sup>, E. J. Smith<sup>1</sup>, J. M. Tatum<sup>1</sup>, G. Barmparas<sup>1</sup>, H. Rodriguez<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA

#### 85.04. A Very Unhappy Birthday.

P. P. Patel<sup>1</sup>, E. Clark<sup>1</sup>, K. Cerasoli<sup>1</sup>, C. F. McNicoll<sup>1</sup>, C. W. Katona<sup>1</sup>, P. R. McGrew<sup>1</sup>, P. J. Chestovich<sup>1</sup> <sup>1</sup>University Of Nevada, School Of Medicine, Las Vegas, NV, USA

#### 85.05. Hip Fracture Patients Exhibit Improved Outcomes

**Compared To Uninjured Patients After A Fall.** R. Lindborg<sup>1</sup>, A. Jambhekar<sup>1</sup>, V. Chan<sup>1</sup>, B. Fahoum<sup>1</sup>, J. Rucinski<sup>1</sup> <sup>1</sup>New York Methodist Hospital, Brooklyn, NY, USA

#### 85.07. Repeat CT Scan Improves Accuracy in Evaluating for

**Delayed Exploration after Blunt Abdominal Trauma.** M. A. Brooke<sup>1</sup>, G. P. Victorino<sup>1</sup> <sup>1</sup>University Of California - San Francisco, General Surgery, San Francisco, CA, USA

#### 85.08. Evaluation and Management of Metacarpal and Phalanx

**Fractures at a Community Hospital.** D. S. Urias<sup>1</sup>, E. Lotton<sup>1</sup>, K. Shayesteh<sup>1</sup> <sup>1</sup>Conemaugh Memorial Medical Center, Surgery, Johnstown, PA, USA

#### 85.10. Deadliest Catch: The Epidemiology of Fishing Related

**Injuries Presenting to US Emergency Departments.** A. Talukder<sup>1</sup>, C. J. Mentzer<sup>3</sup>, P. Martinez-Quinones<sup>1</sup>, S. B. Holsten<sup>1</sup>, J. R. Yon<sup>2</sup> <sup>1</sup>Augusta University, Department Of General Surgery, Medical College Of Georgia, Augusta, GA, USA <sup>2</sup>Swedish Medical Center, Acute Care Surgery, Englewood, CO, USA <sup>3</sup>University Of Miami, Trauma And Critical Care, Surgery, Miami, FL, USA

#### 85.11. Worsening head bleeds in the anticoagulated elderly:

**delayed CT head fails to change management.** D. Scantling<sup>1</sup>, R. Gruner<sup>1</sup>, R. Kucejko<sup>1</sup>, S. Reid<sup>1</sup>, B. McCracken<sup>1</sup> <sup>1</sup>Hahnemann University Hospital, Surgery, Philadelphia, PA, USA

#### 85.12. Assessment of Hemodynamic Response to Fluid Resuscitation

**Of Patients With Intra-abdominal Sepsis in LMICS..** E. ABAHUJE<sup>1</sup>, R. RIVIELLO<sup>2</sup>, F. NTIRENGANYA<sup>1</sup> <sup>1</sup>National University Of Rwanda, SURGERY, Butare, Rwanda <sup>2</sup>Brigham And Women's Hospital, Boston, MA, USA

#### 85.13. Personalized Massive Transfusions: A Primer for Rural

**and Critical Access Hospitals.** J. Tung<sup>1</sup>, K. A. Hollenbach<sup>1</sup>, S. Desjardins<sup>1</sup>, B. S. Prato<sup>1</sup>, T. E. Hayes<sup>1</sup>, R. S. Kramer<sup>1</sup>, J. F. Rappold<sup>1</sup> <sup>1</sup>Maine Medical Center, Acute Care Surgery, Portland, ME, USA

#### 85.14. A Comparison of Low Tidal Volume Ventilation to Airway

**Pressure Release Ventilation in ARDS Patients.** K. L. Haines<sup>1</sup>, H. S. Jung<sup>1</sup>, S. K. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA

#### 85.16. Outcomes of Cholecystectomy in Patients with End

**Stage Renal Disease.** I. Olorundare<sup>1</sup>, S. DiBrito<sup>1</sup>, C. Holscher<sup>1</sup>, C. Haugen<sup>1</sup>, D. Segev<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

#### 85.17. Primary Non-Hodgkin Lymphoma of the Gallbladder:

**Characteristics and Outcomes of 106 Patients.** A. Ayub<sup>1</sup>, S. Rehmani<sup>1</sup>, A. Al Ayoubi<sup>1</sup>, W. Raad<sup>1</sup>, J. McGinty<sup>2</sup>, G. Kim<sup>2</sup>, F. Y. Bhora<sup>1</sup> <sup>1</sup>Mount Sinai School Of Medicine, Division Of Thoracic Surgery / Department Of Surgery / Mount Sinai West, New York, NY, USA <sup>2</sup>Mount Sinai School Of Medicine, Department Of Surgery / Mount Sinai West, New York, NY, USA

#### 85.18. Reversal of Antiplatelet Therapy in Traumatic Intracranial

**Hemorrhage: Does Timing Matter?.** A. Malik<sup>2</sup>, M. Messina<sup>3</sup>, U. Pandya<sup>1</sup> <sup>1</sup>Grant Medical Center, Trauma Services, Columbus, OH, USA <sup>2</sup>Northeastern Ohio Medical University, Rootstown, OH, USA <sup>3</sup>Ohio University, Heritage College Of Medicine, Athens, OH, USA

#### 85.19. Emergency Abdominal Surgery: Is it Time to Move to

**Laparoscopic Approach?** A. Siletz<sup>1</sup>, A. Cheaito<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, General Surgery, Los Angeles, CA, USA

#### 85.20. Nationwide Evaluation of Pediatric Non-Cardiac Thoracic

**Trauma.** I. I. Maizlin<sup>1</sup>, R. T. Russell<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

1:30 PM - 3:30 PM

## Integrated Quick Shot Presentation Sessions III

### 86. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT

CHOPIN 3

**MODERATORS: Weidun A. Guo, MD, PhD & Stanislaw P. Stawicki, MD**

**86.01. Laproscopic Cholecystectomy In The Acute Care Surgery Model: Risk Factors And Complications.** E. Sweet<sup>1</sup>, E. Seabold<sup>1</sup>, K. Herzing<sup>1</sup>, R. Markert<sup>1</sup>, A. Gans<sup>1</sup>, A. Ekeh<sup>1</sup> <sup>1</sup>Wright State University, Surgery, Dayton, OH, USA

**86.02. Do Traffic Law Violators Have Differing Attitudes About Their Driving Behaviors?.** J. A. Vosswinkel<sup>1</sup>, K. L. Ladowski<sup>1</sup>, J. E. McCormack<sup>1</sup>, R. S. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Stony Brook, NY, USA

**86.03. Laboratory versus clinically-evident coagulopathy: results from PROHS.** R. Chang<sup>1</sup>, E. Fox<sup>1</sup>, T. Greene<sup>1</sup>, M. Swartz<sup>1</sup>, S. DeSantis<sup>1</sup>, D. Stein<sup>6</sup>, E. Bulger<sup>4</sup>, S. Melton<sup>8</sup>, M. Goodman<sup>2</sup>, M. Schreiber<sup>5</sup>, M. Zielinski<sup>3</sup>, T. O'Keeffe<sup>9</sup>, K. Inaba<sup>7</sup>, J. Tomasek<sup>1</sup>, J. Podbielski<sup>1</sup>, C. Wade<sup>1</sup>, J. Holcomb<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA <sup>2</sup>University Of Cincinnati, Cincinnati, OH, USA <sup>3</sup>Mayo Clinic, Rochester, MN, USA <sup>4</sup>University Of Washington, Seattle, WA, USA <sup>5</sup>Oregon Health And Science University, Portland, OR, USA <sup>6</sup>University Of Maryland, Baltimore, MD, USA <sup>7</sup>University Of Southern California, Los Angeles, CA, USA <sup>8</sup>University Of Alabama At Birmingham, Birmingham, AL, USA <sup>9</sup>University Of Arizona Medical Center, Tucson, AZ, USA

**86.04. Time to Surgical Source Control in Intra-Abdominal Infections.** R. Chang<sup>1</sup>, M. Scerbo<sup>1</sup>, L. Moore<sup>1</sup>, A. Macaluso<sup>1</sup>, C. Wade<sup>1</sup>, J. Holcomb<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Surgery, Houston, TX, USA

**86.05. Race and Insurance Status as Predictors of Outcomes and Care in Severe Thoracic Trauma.** R. A. Rauh<sup>1</sup>, T. J. Zens<sup>1</sup>, G. Levenson<sup>1</sup>, M. V. Beems<sup>1</sup>, S. K. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin, Trauma And Acute Care Surgery, Madison, WI, USA

**86.06. Current Practice Patterns and Burnout of Trauma and Acute Care Surgeons.** N. Droz<sup>2</sup>, P. Parikh<sup>2</sup>, M. Whitmill<sup>2</sup>, K. M. Hendershot<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA <sup>2</sup>Wright State University, Trauma And Acute Care Surgery, Dayton, OH, USA

**86.07. BURDEN AND CHARACTERISTICS OF GLASS TABLE INJURIES.** D. Chauhan<sup>1</sup>, C. Villegas<sup>1</sup>, R. Bueser<sup>1</sup>, S. Bonne<sup>1</sup>, D. Livingston<sup>1</sup> <sup>1</sup>Rutgers - New Jersey Medical School, Department Of Trauma/critical Care, Newark, NJ, USA

**86.08. Characterizing the Relationship Between Age and Venous Thromboembolism in Adult Trauma Patients.** A. J. Nastasi<sup>1,2</sup>, J. K. Canner<sup>1</sup>, B. D. Lau<sup>1</sup>, M. B. Streiff<sup>3</sup>, J. K. Aboagye<sup>1</sup>, K. J. Van Arendonk<sup>1</sup>, P. S. Kraus<sup>6</sup>, D. B. Hobson<sup>5</sup>, D. Shaffer<sup>5</sup>, E. R. Haut<sup>1,4</sup> <sup>1</sup>Johns Hopkins University, Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins University, Epidemiology, Baltimore, MD, USA <sup>3</sup>Johns Hopkins University, Hematology, Baltimore, MD, USA <sup>4</sup>Johns Hopkins University, Health Policy And Management, Baltimore, MD, USA <sup>5</sup>Johns Hopkins University, Nursing, Baltimore, MD, USA <sup>6</sup>Johns Hopkins University, Pharmacy, Baltimore, MD, USA

**86.09. Characterization of Vascular Anatomy for REBOA and Endovascular Procedures.** N. C. Wang<sup>1</sup>, P. E. Rabban<sup>1</sup>, X. Yan<sup>2</sup>, R. L. Goulson<sup>1</sup>, B. A. Derstine<sup>1</sup>, G. L. Su<sup>1</sup>, H. Lee<sup>2</sup>, J. L. Eliason<sup>1</sup>, S. C. Wang<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Electrical Engineering & Computer Science, Ann Arbor, MI, USA

**86.10. CPR after Brain Injury caused Traumatic Cardiac Arrest is a Futile Endeavor.** L. D. Raff<sup>1</sup>, P. Hu<sup>1</sup>, R. Uhlich<sup>1</sup>, J. D. Kerby<sup>1</sup>, P. L. Bosarge<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Acute Care Surgery/ Surgery/Medicine, Birmingham, Alabama, USA

**86.11. Ethnic Disparities in Traumatic Brain Injury Care Referral in a Hispanic-Majority Population.** H. C. Budnick<sup>1</sup>, A. Tyroch<sup>1</sup>, S. Milan<sup>1</sup> <sup>1</sup>Texas Tech University Health Sciences Center In El Paso Paul L. Foster School Of Medicine, Department Of Surgery, El Paso, TX, USA

**86.13. Quality Improvement Process Lowers Effective Radiation Dosage in Pediatric Trauma Imaging.** H. Naseem<sup>2</sup>, P. Montgomery<sup>3</sup>, K. D. Bass<sup>1,2</sup> <sup>1</sup>State University Of New York At Buffalo, Department Of Surgery, Jacobs School Of Medicine And Biomedical Sciences, Buffalo, NY, USA <sup>2</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA <sup>3</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Radiology, Buffalo, NY, USA

**86.14. Pulmonary Contusions In Elderly Blunt Trauma Are Infrequently Seen On CXR And Are Highly Morbid.** A. Bader<sup>1</sup>, M. Morris<sup>1</sup>, J. A. Vosswinkel<sup>1</sup>, J. E. McCormack<sup>1</sup>, E. C. Huang<sup>1</sup>, R. S. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Stony Brook, NY, USA

**86.15. Is Routine Echocardiography Useful in Evaluating Blunt Cardiac Injuries?.** R. Uhlich<sup>1</sup>, P. Hu<sup>1</sup>, L. D. Raff<sup>1</sup>, J. D. Kerby<sup>1</sup>, P. L. Bosarge<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Acute Care Surgery/Surgery/Medicine, Birmingham, Alabama, USA

**86.16. Fecal Diversion in Traumatic Intraperitoneal Rectal Injuries: How much is too much?.** P. S. Prakash<sup>1</sup>, D. Jafari<sup>2</sup>, R. N. Smith<sup>1</sup>, C. A. Sims<sup>1</sup> <sup>1</sup>The Hospital Of The University Of Pennsylvania, Division Of Trauma, Surgical Critical Care, And Emergency Surgery, Philadelphia, PA, USA <sup>2</sup>The Hospital Of The University Of Pennsylvania, Department Of Emergency Medicine, Philadelphia, PA, USA

**86.17. Variation of Packed Red Blood Cell Unit Age in a Massively Transfused Trauma Patient Population.** A. R. Jones<sup>1</sup>, R. L. Griffin<sup>2</sup>, R. Patel<sup>3</sup>, H. E. Wang<sup>6</sup>, M. B. Marques<sup>6</sup>, J. Pittet<sup>4</sup>, J. Kerby<sup>3</sup> <sup>6</sup>University Of Alabama at Birmingham, Department Of Pathology, Birmingham, Alabama, USA <sup>1</sup>University Of Alabama at Birmingham, School Of Nursing, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama at Birmingham, School Of Public Health, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA <sup>4</sup>University Of Alabama at Birmingham, Anesthesiology & Perioperative Medicine, Birmingham, Alabama, USA <sup>5</sup>University Of Alabama at Birmingham, Emergency Medicine, Birmingham, Alabama, USA

**86.18. The Effect of Presence of a State Trauma System on Intentional Firearm-Related Mortality Rate.** C. K. Cantrell<sup>1</sup>, R. Griffin<sup>1</sup>, T. Swain<sup>1</sup>, K. Hendershot<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Birmingham, Alabama, USA

**86.19. Variability in the Practice of Resuscitative Thoracotomy for Trauma Patients.** E. E. Lee<sup>1,2</sup>, J. K. Canner<sup>2</sup>, L. Lam<sup>1</sup>, E. R. Haut<sup>2</sup> <sup>2</sup>Johns Hopkins Bloomberg School Of Public Health, Center For Surgical Trials And Outcomes Research, Baltimore, MD, USA <sup>1</sup>University Southern California, General Surgery, Los Angeles, CALIFORNIA, USA

**86.20. Penetrating Gastric Trauma - Significance of Acid Suppression and Decompression.** D. G. Davila<sup>1</sup>, A. Goldin<sup>1</sup>, B. Appel<sup>1</sup>, N. Kugler<sup>1</sup>, T. Neideen<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Trauma/Critical Care, Milwaukee, WI, USA

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 87. TRAUMA/CRITICAL CARE/VASCULAR/GLOBAL SURGERY QUICKSHOT

CHOPIN 4

**MODERATORS: J. Bracken Burns, BA, MS, DO & Kazuhide Matsushima, MD**

**87.01. The Impact of a National Sporting Event on The Epidemiology of Injury at a Regional Trauma Center.** N. J. Walsh<sup>1</sup>, R. L. Lassiter<sup>1</sup>, A. Schlafstein<sup>1</sup>, P. B. Ham<sup>1</sup>, J. R. Yon<sup>2</sup>, A. Talukder<sup>1</sup>, K. F. O'Malley<sup>1</sup>, S. B. Holsten<sup>1</sup>, C. J. Mentzer<sup>1,3</sup> <sup>1</sup>Medical College Of Georgia, Trauma/Critical Care, Department Of Surgery, Augusta, GA, USA <sup>2</sup>Swedish Medical Center, Englewood, CO, USA <sup>3</sup>University Of Miami, Trauma/Critical Care, Department Of Surgery, Miami, FL, USA

**87.02. Pulse Waveform Analysis vs. Pulmonary Artery Catheterization in Orthotopic Liver Transplantation.** J. M. Yee<sup>1</sup>, A. M. Strumwasser<sup>1</sup>, R. Hogen<sup>1</sup>, K. Dhanireddy<sup>2</sup>, S. Biswas<sup>1</sup>, P. J. Cobb<sup>1</sup>, D. H. Clark<sup>1</sup> <sup>1</sup>University Of Southern California, Trauma, Acute Care Surgery, And Surgical Critical Care, Los Angeles, CA, USA <sup>2</sup>University Of Southern California, Solid Organ Transplantation, Los Angeles, CA, USA

**87.03. Eye-Tracking Devices: A Novel Communication Method for Mechanically Ventilated ICU Patients.** E. Duffy<sup>1</sup>, J. Garry<sup>1</sup>, J. Vosswinkel<sup>1</sup>, D. Fitzgerald<sup>1</sup>, K. Grant<sup>1</sup>, C. Minardi<sup>1</sup>, M. Dookram<sup>1</sup>, R. S. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Stony Brook, NY, USA

**87.04. The Hospital Agent-based Model: Modular process modeling approach to the design of a trauma center.** G. An<sup>1</sup>, G. An<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA

**87.05. Intrahepatic Balloon Tamponade for Penetrating Liver Injury: Rarely Needed but Effective.** L. M. Kodadek<sup>1</sup>, W. R. Leeper<sup>2</sup>, K. A. Stevens<sup>1</sup>, A. H. Haider<sup>3</sup>, D. T. Efron<sup>1</sup>, E. R. Haut<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA <sup>2</sup>Schulich School Of Medicine And Dentistry, Surgery, London, ONTARIO, Canada <sup>3</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA

**87.06. The Expedited Discharge Of Patients With Multiple Traumatic Rib Fractures Is Cost Effective.** N. Fox<sup>1</sup>, M. Minarich<sup>1</sup>, M. Dalton<sup>1</sup>, K. Twaddell<sup>1</sup>, J. Hazelton<sup>1</sup> <sup>1</sup>Cooper University Hospital, Camden, NJ, USA

**87.07. Upper Extremity DVT Following Port Insertion: What Are The Risk Factors?** O. Tabatabaie<sup>1</sup>, G. G. Kasumova<sup>1</sup>, T. S. Kent<sup>2</sup>, M. F. Eskander<sup>1</sup>, A. Fadayomi<sup>1</sup>, S. Ng<sup>1</sup>, J. F. Critchlow<sup>2</sup>, N. E. Tawa<sup>3</sup>, J. F. Tseng<sup>1</sup> <sup>1</sup>Beth Israel Deconess Medical Center, Surgical Outcomes Analysis & Research (SOAR), Boston, MA, USA <sup>2</sup>Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA <sup>3</sup>Beth Israel Deaconess Medical Center, Division Of Surgical Oncology, Boston, MA, USA

**87.08. Uniform Grading Of Hemorrhagic Emergency General Surgery Diseases.** G. Tominaga<sup>2</sup>, J. Schulz<sup>3</sup>, R. Barbosa<sup>4,5</sup>, S. Agarwal<sup>6</sup>, G. Utter<sup>6</sup>, N. McQuay<sup>7</sup>, C. Brown<sup>8</sup>, M. Crandall<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Jacksonville, FL, USA <sup>2</sup>Scripps Memorial Hospital, Surgery, La Jolla, CA, USA <sup>3</sup>Massachusetts General Hospital, Boston, MA, USA <sup>4</sup>Pacific Surgical P.C., Portland, OR, USA <sup>5</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>6</sup>University Of California - Davis, Surgery, Sacramento, CA, USA <sup>7</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA <sup>8</sup>University Medical Center Brackenridge, Surgery, Austin, TX, USA

**87.09. Burn Injury in Diabetics Leads to Significant Increases in Hospital-Acquired Infection and Mortality.** F. N. Williams<sup>1</sup>, P. Strassle<sup>2</sup>, S. Jones<sup>1</sup>, B. Cairns<sup>1</sup> <sup>1</sup>UNC, Surgery/Burns, Chapel Hill, NC, USA <sup>2</sup>UNC, Surgery, Chapel Hill, NC, USA

**87.10. IS CT ALONE SUFFICIENT TO EXCLUDE CLINICALLY RELEVANT CERVICAL SPINE INJURY?** J. S. Hanna<sup>2</sup>, V. Sim<sup>2</sup>, C. King<sup>1</sup>, A. Rayner<sup>3</sup>, R. Gupta<sup>2</sup> <sup>1</sup>Rutgers Robert Wood Johnson Medical School, Department Of Radiology, New Brunswick, NJ, USA <sup>2</sup>Rutgers Robert Wood Johnson Medical School, Division Of Acute Care Surgery, New Brunswick, NJ, USA <sup>3</sup>Rutgers Robert Wood Johnson Medical School, Department Of Surgery, New Brunswick, NJ, USA

**87.11. Epidural Anaesthesia For Traumatic Rib Fractures Is Associated With Worse Outcome: A Matched Analysis.** K. M. McKendy<sup>1</sup>, K. Boulva<sup>1</sup>, L. Lee<sup>1</sup>, A. N. Beckett<sup>1</sup>, D. L. Deckelbaum<sup>1</sup>, P. Fata<sup>1</sup>, K. A. Khwaja<sup>1</sup>, D. S. Mulder<sup>2</sup>, T. S. Razeq<sup>1</sup>, J. R. Grushka<sup>1</sup> <sup>1</sup>McGill University, General And Trauma Surgery, Montreal, QC, Canada <sup>2</sup>McGill University, Cardiothoracic Surgery, Montreal, QC, Canada

**87.12. Survival After Massive Transfusion for Trauma: The Type of Injury Matters..** D. R. Fraser<sup>1</sup>, A. Snow<sup>1</sup>, C. F. McNicoll<sup>1</sup>, P. J. Chestovich<sup>1</sup>, A. J. Chapman<sup>1</sup>, J. J. Fildes<sup>1</sup> <sup>1</sup>University Of Nevada, Acute Care Surgery, Las Vegas, NV, USA

**87.13. Sarcopenia Predicts Mortality of Trauma Patients Requiring Intensive Care.** N. A. Lee<sup>1</sup>, A. Khetarpal<sup>3</sup>, L. Wolfe<sup>1</sup>, S. Demasi<sup>2</sup>, A. Stiles<sup>2</sup>, M. Aboutanos<sup>1</sup>, P. Ferrada<sup>1</sup> <sup>1</sup>Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA <sup>2</sup>Virginia Commonwealth University, School Of Medicine, Richmond, VA, USA <sup>3</sup>Virginia Commonwealth University, Department Of Radiology, Richmond, VA, USA

**87.15. Intraoperative Perfusion Assessment of High-Risk Amputation Stumps Predict Area of Necrotic Eschar .** G. S. De Silva<sup>1</sup>, K. Saffa<sup>1</sup>, L. A. Sanchez<sup>1</sup>, M. A. Zayed<sup>1,2</sup> <sup>1</sup>Washington University In St. Louis, Department Of General Surgery/Division Of Vascular Surgery, St. Louis, MISSOURI, USA <sup>2</sup>Veterans Affairs St. Louis Health Care System, St. Louis, MISSOURI, USA

**87.16. Effect of Bariatric Surgery on Cardiovascular Risk Factors: Single Institution Retrospective Study.** M. A. Al Suhaibani<sup>1</sup>, A. Al Harbi<sup>1</sup>, A. Alshehri<sup>2</sup>, E. Alghamdi<sup>2</sup>, R. Aljohani<sup>2</sup>, S. Elmorsy<sup>3</sup>, J. Alshehri<sup>3</sup>, A. Almontashery<sup>3</sup> <sup>1</sup>Qassim University, Medicine, Qassim, Saudi Arabia <sup>2</sup>Umm-alqura University, Makkah, Saudi Arabia <sup>3</sup>King Abdullah Medical City, Makkah, Saudi Arabia

**87.17. Neonatal Surgical Outcomes In A Tertiary Care Center In India.** A. Ranjit<sup>2</sup>, R. Shrestha<sup>1</sup>, A. Prasad<sup>3</sup>, K. P. Devkota<sup>1</sup>, R. Kulshrestha<sup>3</sup> <sup>1</sup>Nepal Medical College And Teaching Hospital, Surgery, Kathmandu, BAGMATI, Nepal <sup>2</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>3</sup>Sir Ganga Ram Hospital, Pediatric Surgery, Delhi, NEW DELHI, India

**87.18. Upper Gastrointestinal Endoscopy: Indications and Findings in Kumasi, Ghana.** C. Dally<sup>1</sup>, J. Valenzuela<sup>2</sup>, A. Merchant<sup>2</sup>, O. Gunter<sup>3</sup> <sup>1</sup>Komfo Anokye Teaching Hospital, Surgery, Kumasi, ASHANTI, Ghana <sup>2</sup>University Of Cincinnati, Surgery, Cincinnati, OHIO, USA <sup>3</sup>Vanderbilt University Medical Center, Surgery, Nashville, TN, USA

**87.19. Social Indices as Potential Measures of Patient's Health-Related Quality of Life.** S. Yi<sup>1,3</sup>, S. Mukhopadhyay<sup>2,3</sup> <sup>1</sup>George Washington University, Washington, DC, USA <sup>2</sup>University Of Connecticut, General Surgery, Storrs, CT, USA <sup>3</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Brookline, MA, USA

**87.20. Case- Based Learning in Critical Care: An Appraisal of Current Literature.** S. F. McLean<sup>1</sup>, A. H. Tyroch<sup>1</sup>, C. Ricci<sup>1</sup>, A. H. Tyroch<sup>1</sup> <sup>1</sup>Texas Tech University Health Sciences Center At El Paso, Surge, El Paso, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

## Integrated Quick Shot Presentation Sessions III

### 88. CLINICAL/OUTCOMES: VASCULAR QUICKSHOT

DEBUSSY 1

**MODERATORS: Sarah Aitken, MBBS (Hons) & Emily Spangler, MD, MS**

#### 88.01. Human Adiponectin Correlates with Severe Carotid

**Plaque Calcification.** V. T. Hurst<sup>1,2</sup>, S. E. Deery<sup>1</sup>, G. Sharma<sup>2</sup>, M. D. Coll<sup>1,2</sup>, M. Tao<sup>2</sup>, K. Trocha<sup>2</sup>, A. Longchamp<sup>2</sup>, C. K. Ozaki<sup>2</sup>, R. J. Guzman<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Vascular And Endovascular Surgery, Boston, MA, USA <sup>2</sup>Brigham And Women's Hospital, Vascular And Endovascular Surgery, Boston, MA, USA

#### 88.02. Bundling Of Reimbursement For Inferior Vena Cava

**Filter Placement Decreased Procedural Utilization.** M. J. TerBush<sup>1</sup>, E. L. Hill<sup>1</sup>, J. Guido<sup>1</sup>, A. Doyle<sup>1</sup>, J. Ellis<sup>1</sup>, G. R. Morrow<sup>1</sup>, M. Stoner<sup>1</sup>, K. Raman<sup>1</sup>, R. J. Glocker<sup>1</sup> <sup>1</sup>University Of Rochester, Surgery, Rochester, NY, USA

#### 88.03. Natural History of Dialysis Interventions Based Upon Initial

**Dialysis Access Type.** E. S. Lee<sup>1,2</sup>, K. C. Chun<sup>1</sup>, T. Yenumula<sup>1</sup>, A. S. Schmidt<sup>1</sup>, K. M. Samadzadeh<sup>1</sup>, A. Rona<sup>1</sup>, A. Gonzales<sup>1</sup>, M. D. Wilson<sup>3</sup>, R. E. Noll<sup>1,2</sup>, E. S. Lee<sup>1,2</sup> <sup>1</sup>VA Northern California Health Care System, Surgery, Mather, CA, USA <sup>2</sup>University Of California, Davis, Surgery, Sacramento, CA, USA <sup>3</sup>University Of California, Davis, Department Of Public Health Sciences, Division Of Biostatistics, Sacramento, CA, USA

#### 88.04. Experience with Tibial/Peroneal Polytetrafluoroethylene

**Bypasses for Critical Limb Ischemia (CLI)?** N. J. Gargiulo<sup>4</sup>, E. C. Lipsitz<sup>2</sup>, N. Cayne<sup>1</sup>, G. Landis<sup>3</sup>, F. J. Veith<sup>1</sup> <sup>1</sup>New York University School Of Medicine, New York, NY, USA <sup>2</sup>Albert Einstein College Of Medicine, Bronx, NY, USA <sup>3</sup>North Shore University And Long Island Jewish Medical Center, Manhasset, NY, USA <sup>4</sup>Clinch Valley Medical Center, Vascular Surgery, Richlands, VIRGINIA, USA

#### 88.05. Lower Extremity Bypass: Are We Meeting Guidelines?

S. S. Adkar<sup>1</sup>, R. S. Turley<sup>1</sup>, L. Youngwirth<sup>1</sup>, E. Benrashed<sup>1</sup>, C. K. Shortell<sup>1</sup>, L. Mureebe<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA

#### 88.07. Mortality following Endovascular versus Open Repair of

**Abdominal Aortic Aneurysm in the Elderly..** S. Locham<sup>1</sup>, R. Lee<sup>1</sup>, B. Nejmi<sup>1</sup>, H. Aridi<sup>1</sup>, M. Faateh<sup>1</sup>, H. Alshaikh<sup>1</sup>, M. Rizwan<sup>1</sup>, J. Dhaliwal<sup>1</sup>, M. Malas<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

#### 88.09. Race, Socioeconomic Factors and Leg Amputations

**among Patients with P.A.D. in Texas.** N. R. Barshes<sup>1</sup>, K. D. Smith<sup>3</sup>, H. Serag<sup>3</sup>, B. J. Carter<sup>2</sup>, S. O. Rogers<sup>2</sup> <sup>1</sup>Baylor College Of Medicine, Division Of Vascular And Endovascular Surgery, DeBakey Department Of Surgery, Houston, TX, USA <sup>2</sup>University Of Texas Medical Branch, Galveston, TX, USA <sup>3</sup>University Of Texas Medical Branch, Center To Eliminate Health Disparities, Galveston, TX, USA

#### 88.10. Open & Endovascular Ruptured AAA Repair Have Equiva-

**lent Outcome When Performed Weekdays vs Weekends.** G. Gilot<sup>1</sup>, E. Abotsi<sup>1</sup>, G. Ortega<sup>1</sup>, C. Zogg<sup>2</sup>, D. Taghipour<sup>1</sup>, D. Tran<sup>1</sup>, E. Cornwell<sup>1</sup>, K. Hughes<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA <sup>2</sup>Yale University School Of Medicine, New Haven, CT, USA

#### 88.11. Analysis of Short-term Outcomes After Endovascular and

**Open Infrapopliteal Revascularization.** H. J. Leraas<sup>1</sup>, S. S. Adkar<sup>1</sup>, Z. Sun<sup>1</sup>, B. F. Gilmore<sup>1</sup>, U. P. Nag<sup>1</sup>, C. A. Long<sup>1</sup>, W. S. Jones<sup>1</sup>, C. K. Shortell<sup>1</sup>, R. S. Turley<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA

#### 88.12. The Role of Inferior Vena Cava (IVC) Filters in Robotic

**Gastric Bypass Procedures.** N. J. Gargiulo<sup>1</sup>, N. Cayne<sup>2</sup>, E. Lipsitz<sup>3</sup>, G. Landis<sup>4</sup>, F. J. Veith<sup>2</sup> <sup>1</sup>Cinch Valley Medical Center, Vascular Surgery, Richlands, VIRGINIA, USA <sup>2</sup>New York University School Of Medicine, New York, NY, USA <sup>3</sup>Albert Einstein College Of Medicine, Bronx, NY, USA <sup>4</sup>North Shore University And Long Island Jewish Medical Center, Manhasset, NY, USA

#### 88.13. Human Immunodeficiency Virus effect on Hemodialysis

**Arteriovenous Fistulas Remodeling Outcomes.** A. Dejman<sup>1</sup>, J. C. Duque<sup>2</sup>, L. Martinez<sup>3</sup>, L. Salman<sup>4</sup>, R. Vazquez-Padron<sup>3</sup>, M. Tabbara<sup>3</sup> <sup>1</sup>University Of Miami, Nephrology, Miami, FL, USA <sup>2</sup>University Of Miami, Medicine, Miami, FL, USA <sup>3</sup>University Of Miami, Surgery, Miami, FL, USA <sup>4</sup>University Of Miami, Interventional Nephrology, Miami, FL, USA

#### 88.15. Assessment of Ventricular Mass Changes after Arterio-

**venous Fistula Banding in Hemodialysis Patients .** J. C. Duque<sup>1</sup>, C. Cortesi<sup>1</sup>, A. Dejman<sup>3</sup>, L. Martinez<sup>2</sup>, r. vazquez-padron<sup>2</sup>, L. salman<sup>4</sup>, m. tabbara<sup>2</sup> <sup>1</sup>University Of Miami, Medicine, Miami, FL, USA <sup>2</sup>University Of Miami, surgery, Miami, FL, USA <sup>3</sup>University Of Miami, Nephrology, Miami, FL, USA <sup>4</sup>University Of Miami, Interventional Nephrology, Miami, FL, USA

#### 88.16. Brachial Vein Arteriovenous Graft: Approach From

**Small Outflow Vein To A Large Diameter Vein.** P. Sanchez<sup>1</sup>, J. C. Duque<sup>1</sup>, g. klimovich<sup>2</sup>, H. Labove<sup>4</sup>, L. Martinez<sup>2</sup>, R. Vazquez-padron<sup>2</sup>, L. Salman<sup>3</sup>, M. Tabbara<sup>2</sup> <sup>1</sup>University Of Miami, Medicine, Miami, FL, USA <sup>2</sup>University Of Miami, Surgery, Miami, FL, USA <sup>3</sup>University Of Miami, Interventional Nephrology, Miami, FL, USA <sup>4</sup>University Of Miami, Miller School Of Medicine, Miami, FL, USA

#### 88.17. Examining the Impact of Hospital Transfer in Patients with

**Isolated Lower Extremity Vascular Trauma.** C. McDaniel<sup>1</sup>, N. Samra<sup>1</sup>, B. Hu<sup>2</sup>, W. Zhang<sup>1</sup>, T. Tan<sup>1</sup> <sup>1</sup>Louisiana State University Health Sciences Center, Shreveport, Vascular And Endovascular Surgery, Shreveport, LA, USA <sup>2</sup>Cleveland Clinic, Cleveland, OHIO, USA

#### 88.19. Feasibility of an Image-Based Mobile Health Protocol for

**Postoperative Wound Monitoring.** R. Gunter<sup>1</sup>, S. Fernandes-Taylor<sup>1</sup>, S. Rahman<sup>1</sup>, L. Awoyinka<sup>1</sup>, K. Bennett<sup>1</sup>, C. Greenberg<sup>1</sup>, K. C. Kent<sup>2</sup> <sup>1</sup>University Of Wisconsin, Wisconsin Institute Of Surgical Outcomes Research, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA

#### 88.20. Depression Increases Amputation and Mortality Risk in

**Patients with Peripheral Arterial Disease.** S. Lee<sup>1</sup>, A. Khakharia<sup>1</sup>, Z. O. Binney<sup>1</sup>, G. Zahner<sup>2</sup>, M. S. Grenon<sup>2</sup>, S. Arya<sup>1,3</sup> <sup>1</sup>Emory University School Of Medicine, Vascular Surgery, Atlanta, GA, USA <sup>2</sup>University Of California - San Francisco, Vascular Surgery, San Francisco, CA, USA <sup>3</sup>Atlanta VA Medical Center, Surgery Service, Decatur, GA, USA

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 89. CLINICAL/OUTCOMES: GENERAL SURGERY - PATIENT CENTERED OUTCOMES 5 QUICKSHOT

DEBUSSY 2

**MODERATORS: Richard Hanney, MB BS, FRA & Amir A. Ghaferi, MD**

**89.01. Where You Live Matters: Regional Differences in Outcomes After Percutaneous Cholecystostomy.** A. E. Hozain<sup>1,2</sup>, P. J. Chung<sup>1,2</sup>, M. C. Smith<sup>1,2</sup>, V. Roudnitsky<sup>2</sup>, A. E. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>State University Of New York Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA <sup>2</sup>Kings County Hospital Center, Department Of Surgery, Brooklyn, NY, USA

**89.02. Can Local Anesthetics Decrease the Use of Postoperative Narcotics in Outpatient Hernioplasty?** T. DiNitto<sup>1</sup>, D. Hill<sup>1</sup>, K. Khariton<sup>1</sup>, M. Castellano<sup>1</sup> <sup>1</sup>Staten Island University Hospital, Northwell Health, Staten Island, NY, USA

**89.03. Outcomes of Surgical Repair for Perforated Peptic Ulcer Disease among the Elderly: A NSQIP Analysis.** V. T. Daniel<sup>1</sup>, J. T. Wiseman<sup>1</sup>, J. Flahive<sup>1</sup>, H. P. Santry<sup>1</sup> <sup>1</sup>University Of Massachusetts Medical School, Department Of Surgery, Worcester, MA, USA

**89.04. Characterizing Early Postoperative Hospital Readmissions Following Bariatric Surgery.** K. Levene<sup>1</sup>, M. Bai<sup>2</sup>, A. Suza<sup>1</sup>, R. Dettorre<sup>1</sup>, B. Needleman<sup>1</sup>, S. Noria<sup>1</sup> <sup>1</sup>Ohio State University, Division Of General And Gastrointestinal Surgery, Columbus, OH, USA <sup>2</sup>Ohio State University, College Of Medicine, Columbus, OH, USA

**89.05. Is Screening for Hypercalcemia worthwhile? An Analysis of 1,302,802 Patients.** S. J. Baker<sup>1</sup>, C. Baletine<sup>1</sup>, R. Xie<sup>1</sup>, H. Edenfield<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Alabama, Surgery, Birmingham, AL, USA

**89.06. "Second-Look" Laparotomy: Warranted, or Contributor to Excessive Open Abdomens?** N. Z. Hansraj<sup>1</sup>, A. Pasley<sup>1,2</sup>, D. G. Harris<sup>1</sup>, J. J. Diaz<sup>1,2</sup>, B. Bruns<sup>1,2</sup> <sup>1</sup>University Of Maryland, Acute Care Surgery, Baltimore, MD, USA <sup>2</sup>University Of Maryland, Trauma, Baltimore, MD, USA

**89.07. Incidental Carcinoma in Multinodular Goiter is Associated with Lower Rates of Recurrence.** N. Zern<sup>1</sup>, A. Glover<sup>3</sup>, A. Aniss<sup>2</sup>, M. Sywak<sup>2</sup>, L. Delbridge<sup>2</sup>, S. Sidhu<sup>2</sup> <sup>1</sup>University Of Washington, Department Of General Surgery, Seattle, WA, USA <sup>2</sup>University Of Sydney, Endocrine Surgical Unit, Sydney, NSW, Australia <sup>3</sup>Memorial Sloan-Kettering Cancer Center, New York, NY, USA

**89.08. Preoperative platelet-to-albumin ratio predicts outcome of patients with bile duct carcinoma.** N. SAITO<sup>1</sup>, Y. Shirai<sup>1</sup>, T. Horiuchi<sup>1</sup>, H. Sugano<sup>1</sup>, R. Iwase<sup>1</sup>, K. Haruki<sup>1</sup>, Y. Fujiwara<sup>1</sup>, K. Furukawa<sup>1</sup>, H. Shiba<sup>1</sup>, T. Uwagawa<sup>1</sup>, T. Ohashi<sup>2</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>The Jikei University School of Medicine, Department of Surgery, Minato-ku, TOKYO, Japan <sup>2</sup>The Jikei University School of Medicine, Division Of Gene Therapy, Research Center For Medical Sciences, Minato-ku, TOKYO, Japan

**89.09. NaMELD and Peri-operative Outcomes in Emergency Surgery.** E. L. Godfrey<sup>2</sup>, M. L. Kueht<sup>1</sup>, A. Rana<sup>1</sup>, S. Awad<sup>3,4</sup> <sup>1</sup>Baylor College Of Medicine, Department Of Surgery, Division Of Abdominal Transplantation And Hepatobiliary Surgery, Houston, TX, USA <sup>2</sup>Rice University, Department Of Bioengineering, Houston, TX, USA <sup>3</sup>Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA <sup>4</sup>Michael E. DeBakey Veterans Affairs Medical Center, Department Of Surgery/Critical Care, Houston, TX, USA

**89.10. Quadrant Localization Of Parathyroid Adenoma; Performance Of 4D-MRI Neck Parathyroid Protocol.** K. O. Memeh<sup>1</sup>, J. Palacios<sup>1</sup>, M. Guerrero<sup>1</sup> <sup>1</sup>Banner- University Of Arizona Medical Center, Surgery, Tucson, AZ, USA

**89.11. Modified dome down laparoscopic cholecystectomy using only three trocars in the left abdomen.** H. Bonatti<sup>1</sup>, N. Kubicki<sup>2</sup>, S. Kavic<sup>2</sup> <sup>1</sup>Shore Regional, Surgical Care, Easton, MD, USA <sup>2</sup>Medical Center, General Surgery, Baltimore, MD, USA

**89.12. Temporal Trends in the Management of Small Bowel Obstruction.** M. Khalil<sup>1</sup>, T. Orouji Jokar<sup>1</sup>, H. Nerkar<sup>1</sup> <sup>1</sup>New York Medical College, General Surgery, Brooklyn, NY, USA <sup>2</sup>New York Medical College, General Surgery, Brooklyn, NY, USA

**89.13. Factors Predispose Conversion: Laparoscopic to Open Cholecystectomy Mexican-American Population.** F. A. Yamin<sup>1</sup>, L. Puckett<sup>1</sup>, A. Rios-Tovar<sup>2</sup>, B. R. Davis<sup>1</sup> <sup>1</sup>Texas Tech University Health Sciences Center El Paso, Surgery, El Paso, TX, USA <sup>2</sup>Methodist Hospital Dallas, Surgery, Dallas, TX, USA

**89.14. Racial Disparities Among Patients Undergoing Pancreaticoduodenectomy: A Nationwide Analysis.** K. L. Anderson, Jr.<sup>1</sup>, S. Thomas<sup>2,3</sup>, M. A. Adam<sup>4</sup>, R. P. Scheri<sup>4</sup>, M. T. Stang<sup>4</sup>, S. A. Roman<sup>4</sup>, J. A. Sosa<sup>3,4,5,6</sup> <sup>1</sup>Duke University Medical Center, School Of Medicine, Durham, NC, USA <sup>2</sup>Duke University Medical Center, Department Of Biostatistics, Durham, NC, USA <sup>3</sup>Duke Cancer Institute, Durham, NC, USA <sup>4</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA <sup>5</sup>Duke University Medical Center, Department Of Medicine, Durham, NC, USA <sup>6</sup>Duke Clinical Research Institute, Durham, NC, USA

**89.15. Endoscopic Retrograde Cholangiopancreatography Performed by Surgeons. A Single Center Experience.** M. Al-Mansour<sup>1</sup>, J. Hazey<sup>1</sup> <sup>1</sup>Ohio State University, Surgery, Columbus, OH, USA

**89.16. Is Colonoscopy Necessary Prior to Giving Neostigmine for Treatment of Colonic Pseudo-obstruction?** M. Nguyen<sup>1</sup>, D. Strosberg<sup>1</sup>, A. Brown<sup>1</sup>, E. Abel<sup>1</sup>, D. Eiferman<sup>1</sup> <sup>1</sup>Ohio State University, Surgery, Columbus, OH, USA

**89.18. Pre-operative Tylenol and Neurontin Reduces PACU Narcotic Requirements.** T. Bernaiche<sup>1</sup>, G. Hafner<sup>1</sup> <sup>1</sup>Inova Fairfax Hospital, Falls Church, VA, USA

**89.19. Utilizing Game Theory to Model Patient Engagement in Self Care Following Surgery: A Pilot Study..** S. A. Castellanos<sup>1</sup>, G. Buentello<sup>1</sup>, J. W. Suliburk<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Houston, TX, USA

**89.20. Does Sarcopenia Predict Worse Perioperative Outcomes for Ulcerative Colitis Patients?** C. Cadiz<sup>1</sup>, E. H. Wood<sup>1</sup>, M. Shah<sup>1</sup>, J. M. Eberhardt<sup>1</sup>, T. L. Saclarides<sup>1</sup>, D. Hayden<sup>1</sup> <sup>1</sup>Loyola University Medical Center, Surgery, Maywood, ILLINOIS, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

## Integrated Quick Shot Presentation Sessions III

## 90. CLINICAL/OUTCOMES: GENERAL SURGERY - QUALITY OF CARE QUICKSHOT

ENCORE BALLROOM 1

## MODERATORS: Haytham M.A. Kaafarani, MD &amp; Purvi Y. Parikh, MD

## 90.01. Survival Following Discharge to Post-Acute Care After

**Complex Surgery.** J. T. Killian<sup>1</sup>, M. C. Mason<sup>2</sup>, P. J. Richardson<sup>3</sup>, P. Kougiass<sup>2,3</sup>, F. Bakaeen<sup>4</sup>, A. D. Naik<sup>3,5</sup>, D. H. Berger<sup>2,3</sup>, C. Balentine<sup>1,6</sup>, D. A. Anaya<sup>7</sup> <sup>1</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA <sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA <sup>3</sup>Houston Veterans Affairs Health Services Research And Development Center For Innovations In Quality, Effectiveness And Safety (IQUEST), Houston, TX, USA <sup>4</sup>Cleveland Clinic, Department Of Thoracic And Cardiovascular Surgery, Cleveland, OH, USA <sup>5</sup>Baylor College Of Medicine, Alkek Department Of Medicine, Houston, TX, USA <sup>6</sup>University Of Alabama at Birmingham, Institute For Cancer Outcomes & Survivorship, Birmingham, Alabama, USA <sup>7</sup>Moffitt Cancer Center And Research Institute, Department Of Gastrointestinal Oncology, Tampa, FL, USA

## 90.02. Management of Complications by Acute Care Surgeons:

**Who Do We Fail to Rescue?** M. Dasari<sup>1</sup>, A. B. Peitzman<sup>1</sup>, J. W. Marsh<sup>1</sup>, D. Mohan<sup>1</sup>, M. R. Rosengart<sup>1</sup>, R. M. Forsythe<sup>1</sup>, J. L. Sperry<sup>1</sup>, M. E. Kutcher<sup>2</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Pittsburgh, PA, USA <sup>2</sup>University Of Mississippi Medical Center, Jackson, MS, USA

## 90.03. Severity of Diverticulitis in Patients with Polycystic

**Kidney Disease.** M. Parker<sup>1</sup>, S. Kelley<sup>1</sup>, K. Mathis<sup>1</sup> <sup>1</sup>Mayo Clinic, Surgery, Rochester, MN, USA

## 90.04. Weight-based Perioperative Antibiotics Dosing and

**Surgical Site Infection After Colectomy.** J. J. Cedarbaum<sup>1</sup>, L. Ly<sup>1</sup>, R. Anand<sup>1</sup>, A. Hjelmaas<sup>1</sup>, Y. Chen<sup>1</sup>, S. Collins<sup>1</sup>, S. Regenbogen<sup>1</sup> <sup>1</sup>University Of Michigan, University Of Michigan Health System, Ann Arbor, MI, USA

## 90.05. A Site-Specific Approach to Reducing ED Visits Following

**Bariatric Surgery.** H. Abdel Khalik<sup>1</sup>, H. Stevens<sup>1</sup>, A. M. Carlin<sup>2</sup>, A. Stricklen<sup>1</sup>, R. Ross<sup>1</sup>, C. Pesta<sup>3</sup>, A. Ghaferi<sup>1</sup> <sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA <sup>2</sup>Wayne State University, Detroit, MI, USA <sup>3</sup>McLaren Macomb Hospital, Mt. Clemens, MI, USA

## 90.06. Prolonged Stay After Colectomy: Does Reason Differ

**Between a County and University Hospital?** D. F. Butler<sup>1</sup>, J. Anandam<sup>1</sup>, B. Williams<sup>1</sup>, S. C. Olmann<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Colorectal Surgery, Dallas, TX, USA

## 90.07. Adaptation of a Transitional Care Protocol to Reduce

**Readmissions after Complex Abdominal Surgery.** A. V. Fisher<sup>5</sup>, S. A. Campbell-Flohr<sup>5</sup>, L. Sell<sup>4</sup>, E. Osterhaus<sup>4</sup>, A. W. Acher<sup>5</sup>, K. Leahy-Gross<sup>4</sup>, M. Brenny-Fitzpatrick<sup>4</sup>, A. J. Kind<sup>6</sup>, P. Carayon<sup>7</sup>, D. E. Abbott<sup>5</sup>, E. R. Winslow<sup>5</sup>, C. C. Greenberg<sup>5</sup>, S. W. Weber<sup>5</sup> <sup>4</sup>University Of Wisconsin Hospital And Clinics, Madison, WI, USA <sup>5</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA <sup>6</sup>University Of Wisconsin, Department Of Medicine, Madison, WI, USA <sup>7</sup>University Of Wisconsin, College Of Engineering, Madison, WI, USA

## 90.08. Spontaneous Enterocutaneous Fistula Closure Rates

**Improve with Standardization of Treatment.** S. Boateng<sup>1</sup>, N. Kugler<sup>1</sup>, C. Trevino<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgery - Division Of Trauma & Critical Care, Milwaukee, WI, USA

## 90.09. Risk Factors Associated with Post Hemi - Closed

**Hemorrhoidectomy Secondary Hemorrhage.** E. Inoue<sup>1,2</sup>, Y. Shimojima<sup>1</sup>, M. Matsushima<sup>1</sup> <sup>1</sup>Matsushima Hospital, Coloproctology Center, Tobe Honcho, YOKOHAMA, Japan <sup>2</sup>Yokohama City University Medical Center, Inflammatory Bowel Disease Center, Urafune, YOKOHAMA, Japan

## 90.10. Can clinical evaluation determine the need for pelvic

**x-ray in awake and stable blunt trauma patients?** M. Moosa<sup>1</sup>, I. Jangda<sup>1</sup>, H. Zafar<sup>1</sup> <sup>1</sup>Aga Khan University Hospital Karachi, Department Of Surgery, Karachi, SINDH, Pakistan

## 90.11. Preoperative Esophageal Disease Increases Morbidity in

**Patients Undergoing Abdominal Surgery.** A. Ramirez<sup>1</sup>, A. Tilak<sup>1</sup>, M. Sohn<sup>1</sup>, F. Turrentine<sup>1</sup>, R. S. Jones<sup>1</sup> <sup>1</sup>University Of Virginia, School Of Medicine, Charlottesville, VA, USA <sup>2</sup>University Of Virginia, School Of Medicine, Charlottesville, VA, USA

## 90.12. Optimizing Follow-up in Post-operative Parathyroidectomy

**Patients.** S. R. Brown<sup>1</sup>, N. Bhutiani<sup>1</sup>, A. R. Quillo<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Division Of Surgical Oncology, Louisville, KY, USA

## 90.13. Outcomes of Inguinal Hernia Repair with Local Anesthesia

**vs General Anesthesia: Case Series.** M. S. Sultany<sup>1</sup>, V. Jain<sup>1</sup>, J. Imran<sup>1</sup>, S. Huerta<sup>1,2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA <sup>2</sup>VA North Texas Health Care System, Department Of Surgery, Dallas, TX, USA

## 90.14. Short-term Outcomes of Patients with Benign Colon Polyps

**Managed by Combined Endo-Laparoscopic Surgery (CELS).** M. Qi<sup>1</sup>, M. Kiely<sup>1</sup>, L. Chen<sup>1</sup>, J. Yoo<sup>1</sup> <sup>1</sup>Tufts Medical Center, Colon And Rectal Surgery, Boston, MA, USA

## 90.15. Evolution of Laparoscopic Appendectomy: A 12 Year

**Experience of a Tertiary Care Hospital.** M. H. Siddiqui<sup>1</sup>, R. Sultan<sup>1</sup>, F. Shaukat<sup>2</sup>, H. Zafar<sup>1</sup> <sup>1</sup>Aga Khan University Hospital, Surgery/General Surgery, Karachi, Sindh, Pakistan <sup>2</sup>Aga Khan University Hospital, Oncology/Radiation Oncology, Karachi, Sindh, Pakistan

## 90.16. Attitudes and Practice Patterns in Management of

**Adhesive Small Bowel Obstruction Among Surgeons.** L. W. Thornblade<sup>1</sup>, A. R. Truitt<sup>1</sup>, D. R. Flum<sup>1</sup>, D. C. Lavalley<sup>1</sup> <sup>1</sup>University Of Washington, Department Of Surgery, Seattle, WA, USA

## 90.17. Routine Type and Screen is Unnecessary for Patients

**undergoing Thyroid and Parathyroid procedures.** L. Anwenah<sup>1</sup>, M. Asif<sup>1</sup>, M. Rasouli<sup>1</sup>, O. Domingo<sup>1</sup> <sup>1</sup>Mercy Catholic Medical Center, Department Of General Surgery, Darby, PENNSYLVANIA, USA

## 90.18. Geographic Proximity of High and Low Quality Bariatric

**Centers; An Opportunity for Regionalization?** A. M. Ibrahim<sup>1</sup>, A. A. Ghaferi<sup>1</sup>, J. Thumma<sup>1</sup>, J. Dimick<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

## 90.19. Physiologic Drivers Of Intraoperative Transfusion

**During Major Gastrointestinal Surgery?** M. Cerullo<sup>2</sup>, F. Gani<sup>2</sup>, S. Y. Chen<sup>2</sup>, J. K. Canner<sup>2</sup>, W. W. Yang<sup>3</sup>, S. M. Frank<sup>3</sup>, T. M. Pawlik<sup>1</sup> <sup>1</sup>Ohio State University, Wexner Medical Center, Columbus, OH, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>3</sup>Johns Hopkins University School Of Medicine, Department Of Anesthesiology And Critical Care Medicine, Baltimore, MD, USA

## 90.20. Unaccounted Readmissions Following Bariatric Surgery. J.

K. Canner<sup>1</sup>, S. Pourzal<sup>1</sup>, H. AlSulaim<sup>1</sup>, K. E. Steele<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 91. CLINICAL/OUTCOMES: DISPARITIES AND ACCESS TO CARE QUICKSHOT

ENCORE BALLROOM 3

**MODERATORS: Katherine T. Morris, MD & Heena P. Santry, MD, MS**

**91.01. The Accessibility, Readability, and Quality of Online Resources for Gender Affirming Surgery.** C. R. Vargas<sup>1</sup>, J. A. Ricci<sup>3</sup>, M. Lee<sup>3</sup>, A. M. Tobias<sup>3</sup>, D. A. Medallie<sup>2</sup>, B. T. Lee<sup>3</sup> <sup>1</sup>Case Western Reserve University School Of Medicine, Plastic Surgery, Cleveland, OH, USA <sup>2</sup>MetroHealth Medical Center, Plastic And Reconstructive Surgery, Cleveland, OH, USA <sup>3</sup>Beth Israel Deaconess Medical Center, Plastic And Reconstructive Surgery, Boston, MA, USA

**91.02. Scaling-up Surgical Care in Rural Haiti.** L. Ward<sup>1,4</sup>, D. L. Eisensohn<sup>2</sup>, A. Bowder<sup>1,3,4</sup>, M. Jean Louis<sup>1</sup>, M. Raymonville<sup>1</sup>, T. Payou<sup>4</sup>, M. L. Steer<sup>4,9</sup>, P. E. Farmer<sup>4,8</sup>, J. G. Meara<sup>4,7</sup>, S. R. Sullivan<sup>2,4,5,6</sup> <sup>1</sup>Hopital Universitaire De Mirebalais, Surgery, Mirebalais, Central Plateau, Haiti <sup>2</sup>Brown University School Of Medicine, Providence, RI, USA <sup>3</sup>Medical College Of Wisconsin, Milwaukee, WI, USA <sup>4</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Brookline, MA, USA <sup>5</sup>Rhode Island Hospital, Plastic Surgery, Providence, RI, USA <sup>6</sup>Mount Auburn Hospital, Plastic Surgery, Cambridge, MA, USA <sup>7</sup>Children's Hospital Boston, Boston, MA, USA <sup>8</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>9</sup>Tufts Medical Center, Boston, MA, USA

**91.03. Comparative Analysis of Open vs. Laparoscopic Cholecystectomies in El Peten, Guatemala.** J. Imran<sup>1</sup>, A. Ochoa-Hernandez<sup>2</sup>, J. Herrejon<sup>1</sup>, S. Huerta<sup>1,2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA <sup>2</sup>VA North Texas Health Care System, Surgery, Dallas, TX, USA <sup>3</sup>Hospital Nacional De San Benito, Surgery, San Benito, EL PETEN, Guatemala

**91.04. Defining Congenital Anomalies in Mongolia.** L. F. Goodman<sup>1,4</sup>, G. Jensen<sup>1</sup>, T. Nomindelger<sup>3</sup>, R. Nurjanar<sup>2</sup>, T. Gantuya<sup>3</sup>, D. Farmer<sup>1</sup> <sup>1</sup>University Of California - Davis, Surgery, Sacramento, CA, USA <sup>2</sup>National Center For Maternal And Child Health, Pediatric General Surgery, Ulaanbaatar, Mongolia <sup>3</sup>National Center For Maternal And Child Health, Surveillance Department, Ulaanbaatar, Mongolia <sup>4</sup>Harvard School Of Public Health, Epidemiology, Boston, MA, USA

**91.05. Burden of Sports Injuries among African Adolescents: A Modeling Study.** D. G. LeBrun<sup>1,2</sup>, J. D. Kelly<sup>10</sup>, S. Wren<sup>8,9</sup>, D. A. Spiegel<sup>3</sup>, N. Mkandawire<sup>7</sup>, R. A. Gosselin<sup>11</sup>, A. L. Kushner<sup>4,5,6</sup> <sup>10</sup>University Of Pennsylvania, Sports Medicine, Orthopaedic Surgery, Philadelphia, PA, USA <sup>11</sup>University Of California - San Francisco, Orthopaedic Surgery, San Francisco, CA, USA <sup>1</sup>Harvard School Of Public Health, Epidemiology, Boston, MA, USA <sup>2</sup>University Of Pennsylvania, Perelman School Of Medicine, Philadelphia, PA, USA <sup>3</sup>Children's Hospital Of Philadelphia, Orthopaedic Surgery, Philadelphia, PA, USA <sup>4</sup>Columbia University College Of Physicians And Surgeons, Surgery, New York, NY, USA <sup>5</sup>Johns Hopkins Bloomberg School Of Public Health, International Health, Baltimore, MD, USA <sup>6</sup>Surgeons OverSeas, New York, NY, USA <sup>7</sup>University Of Malawi, Orthopaedic Surgery, Blantyre, Malawi <sup>8</sup>VA Palo Alto Healthcare Systems, General Surgery, Palo Alto, CA, USA <sup>9</sup>Stanford University, Surgery, Palo Alto, CA, USA

**91.06. Anatomic Location of High-Grade Dysplasia from Adenomatous Polyp of the Colon among Black Patients.** P. H. Lam<sup>1</sup>, I. D. Nwokeabia<sup>2</sup>, A. C. Obirize<sup>3</sup>, S. C. Onyewu<sup>3</sup>, B. S. Li<sup>3</sup>, N. Enwerem<sup>3</sup>, G. Ortega<sup>3</sup>, T. M. Fullum<sup>3</sup>, W. A. Frederick<sup>3</sup>, L. L. Wilson<sup>3</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA <sup>2</sup>Washington University, St. Louis, MO, USA <sup>3</sup>Howard University College of Medicine, Washington, DC, USA

**91.07. Insurance status and choice of surgical therapy in newly diagnosed breast cancer patients.** E. C. Feliberti<sup>1</sup>, R. R. Perry<sup>1</sup>, R. C. Britt<sup>1</sup>, J. C. Collins<sup>1</sup>, E. Feliberti<sup>1</sup> <sup>1</sup>Eastern Virginia Medical School, Surgery Norfolk, VA, USA

**91.08. Characteristics of Patients Presenting to the Emergency Department for Diagnosis of Colon Cancer.** D. Weithorn<sup>1</sup>, G. Umadat<sup>1</sup>, P. Friedmann<sup>1</sup>, R. Narang<sup>1</sup>, R. Huang<sup>1</sup>, R. Levine<sup>1</sup>, H. In<sup>1</sup> <sup>1</sup>Albert Einstein College Of Medicine, Surgery, Bronx, NY, USA

**91.09. Hospital Assessment: Examining the Surgical System in Amazonas, Brazil.** J. E. Dos Santos Souza<sup>1</sup>, S. Saluja<sup>2,4</sup>, J. Amundson<sup>2,3</sup>, R. V. Ferreira<sup>1</sup>, I. Citron<sup>2</sup>, P. H. Gomes<sup>1</sup>, J. Correia<sup>1</sup>, C. Costa<sup>1</sup>, N. Alonso<sup>5,6</sup>, M. Shrimel<sup>2,7</sup> <sup>1</sup>Universidade Estadual Do Amazonas, Faculdade De Medicina, Manaus, Amazonas, Brazil <sup>2</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Boston, MA, USA <sup>3</sup>University Of Miami, Miller School Of Medicine, Miami, FL, USA <sup>4</sup>Weill Cornell Medical College, Department Of Surgery, New York, NY, USA <sup>5</sup>Universidade De São Paulo, Craniofacial Surgery Unit, Department Of Plastic Surgery, Department Of Surgery, São Paulo, São Paulo, Brazil <sup>6</sup>Massachusetts Eye And Ear Infirmary, Department Of Otolaryngology And Office Of Global Surgery, Boston, MA, USA

**91.10. Disparities in Incidence of CRC between Hispanics and Whites: a 10-year SEER database study.** J. E. Koblinski<sup>1</sup>, J. Jandova<sup>1</sup>, V. Nfonsoam<sup>1</sup> <sup>1</sup>University Of Arizona, Department Of Surgery, Tucson, AZ, USA

**91.11. Surgical Deliveries in Sub-Saharan Africa: Two Methodologies to Estimate Need.** K. Garber<sup>1,2</sup>, R. Groen<sup>4,5</sup>, O. Ogedengbe<sup>3</sup>, D. DeUgarte<sup>1</sup>, A. Kushner<sup>2,5</sup> <sup>5</sup>Surgeons OverSeas (SOS), NEW YORK, NY, USA <sup>1</sup>University Of California, Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA <sup>3</sup>University Of Lagos, Department Of Obstetrics And Gynecology, Lagos, Nigeria <sup>4</sup>Johns Hopkins Hospital, Department Of Obstetrics And Gynecology, Baltimore, MD, USA

**91.12. Trends and Disparities in Thyroid Cancer within a Health System.** O. Moaven<sup>1</sup>, R. Xie<sup>1</sup>, J. Richman<sup>1</sup>, D. Naftel<sup>1</sup>, J. K. Kirkin<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA

**91.13. Undiagnosed Malignancy in Patients Receiving a Surgical Evaluation at an Urban Tertiary Care Center.** M. R. Egyud<sup>1</sup>, M. Plocienniczak<sup>2</sup>, C. James<sup>2</sup>, T. Sachs<sup>1,2</sup>, T. Dechert<sup>1,2</sup> <sup>1</sup>Boston Medical Center, Department Of Surgery, Boston, MA, USA <sup>2</sup>Boston University School Of Medicine, Boston, MA, USA

**91.14. Pancreatic Adenocarcinoma in Southwest Native Americans: Disparities in Treatment and Survival.** A. Greenbaum<sup>1</sup>, E. Alkhalili<sup>1</sup>, R. Rodriguez<sup>1</sup>, J. O'Neill<sup>1</sup>, O. Estrada Munoz<sup>1</sup>, F. Qeadan<sup>2</sup>, O. Myers<sup>3</sup>, I. Nir<sup>1</sup>, K. Morris<sup>1</sup> <sup>1</sup>University Of New Mexico HSC, Surgery, Albuquerque, NM, USA <sup>2</sup>University Of New Mexico HSC, Internal Medicine, Albuquerque, NM, USA <sup>3</sup>University Of New Mexico HSC, Pathology, Albuquerque, NM, USA

**91.15. A Stitch in Time: Prevalence and Predictors of Opioid Receipt at Discharge after Traumatic Injury.** M. A. Chaudhary<sup>1</sup>, A. J. Schoenfeld<sup>1</sup>, A. Ranjit<sup>1</sup>, R. Scully<sup>1</sup>, R. Chowdhury<sup>1</sup>, S. Nitzschke<sup>1,3</sup>, T. Koehlmoos<sup>2</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>2</sup>Uniformed Services University Of The Health Sciences, Bethesda, MD, USA <sup>3</sup>Brigham And Women's Hospital, Trauma, Burn And Surgical Critical Care, Boston, MA, USA

**91.16. Influence of Sociodemographic Factors on Rate of Surgical Treatment in Patients with Graves' Disease.** G. A. Rubio<sup>1</sup>, T. M. Vaghaiwalla<sup>1</sup>, P. P. Parikh<sup>1</sup>, J. C. Farra<sup>1</sup>, A. R. Marcadis<sup>1</sup>, Z. F. Khan<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Leonard M. Miller School Of Medicine, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA

**91.17. Emergency Department Admission and Mortality for Inpatient Inguinal Hernia Repairs, 2009-2013.** A. Mehta<sup>1</sup>, S. Hutfless<sup>2</sup>, A. B. Blair<sup>3</sup>, A. Dwarakanath<sup>4</sup>, H. T. Nguyen<sup>5</sup> <sup>1</sup>Johns Hopkins University, School Of Medicine, Baltimore, MD, USA <sup>2</sup>Johns Hopkins Hospital, Department Of Gastroenterology And Hepatology, Baltimore, MD, USA <sup>3</sup>Johns Hopkins Hospital, Department Of Surgery, Baltimore, MD, USA <sup>4</sup>Johns Hopkins Bayview Medical Center, Department Of Surgery, Baltimore, MD, USA <sup>5</sup>Johns Hopkins Bayview Medical Center, Comprehensive Hernia Center, Baltimore, MD, USA

**91.18. Patient Factors Predict Length of Stay and Readmission after Laparoscopic Fundoplication.** Y. Vigneswaran<sup>1,2</sup>, K. Kuchta<sup>1</sup>, J. G. Linn<sup>1,2</sup>, S. P. Haggerty<sup>1,2</sup>, R. Joeh<sup>2</sup>, E. W. Denham<sup>1,2</sup>, M. B. Ujiki<sup>1,2</sup> <sup>2</sup>NorthShore University HealthSystem, Surgery, Evanston, IL, USA <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA

**91.19. Bending the Cost Curve for Colon Cancer Surgery: An Analysis of Nationwide Trends from 2002 to 2011.** R. H. Hollis<sup>1</sup>, L. N. Wood<sup>1</sup>, M. S. Morris<sup>1</sup>, D. I. Chu<sup>1</sup>, J. S. Richman<sup>1</sup>, M. Kilgore<sup>3</sup>, M. T. Hawn<sup>2</sup> <sup>1</sup>University Of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA <sup>2</sup>Stanford University, Surgery, Palo Alto, CA, USA <sup>3</sup>University Of Alabama at Birmingham, Health Care Organization And Policy, Birmingham, Alabama, USA

**91.20. Inguinal Hernia Repair In Octogenarians And Beyond.** V. Jain<sup>1</sup>, M. S. Sultany<sup>1</sup>, T. Madni<sup>1</sup>, S. Huerta<sup>1,2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, General Surgery, Dallas, TX, USA <sup>2</sup>VA North Texas Health Care System, General Surgery, Dallas, TX, USA

1:30 PM - 3:30 PM

**Integrated Quick Shot Presentation Sessions III****92. CLINICAL/OUTCOMES: HEALTH INFORMATICS/PATIENT CENTERED OUTCOMES QUICKSHOT**

HANDEL

**MODERATORS: Subarna Biswas, MD & Brandyn D. Lau, MPH, CHP****92.01. Vena Cava-sparing Piggyback Hepatectomy in Liver**

**Transplant Patients with Hepatocellular Carcinoma.** W. J. Bush<sup>1</sup>, C. A. Kubal<sup>1</sup>, J. A. Fridell<sup>1</sup>, B. Ekser<sup>1</sup>, R. C. Graham<sup>1</sup>, K. A. Thatch<sup>1</sup>, R. S. Mangus<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Transplant, Indianapolis, IN, USA

**92.02. The Utility of Twitter in Generating High-Quality Conversations about Surgical Care.**

N. NAGARAJAN<sup>1,2</sup>, H. Alshaikh<sup>1</sup>, A. Nastasi<sup>1</sup>, B. Smart<sup>3</sup>, Z. Berger<sup>6</sup>, E. B. Schneider<sup>4</sup>, M. Dredze<sup>5</sup>, J. K. Canner<sup>1</sup>, N. Ahuja<sup>1</sup> <sup>6</sup>Johns Hopkins University School Of Medicine, General Internal Medicine, Baltimore, MD, USA <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA <sup>2</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>3</sup>University Of Southern California, Surgery, Los Angeles, CA, USA <sup>4</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>5</sup>Johns Hopkins University, Computer Science, Baltimore, MD, USA

**92.03. Use of Mobile Health Technologies to Monitor Postoperative Recovery: Barriers and Advantages.**

J. S. Abelson<sup>1</sup>, E. J. Kaufman<sup>1</sup>, M. E. Charlson<sup>2</sup>, H. Yeo<sup>1,3</sup> <sup>1</sup>Weill Cornell Medical College, Surgery, New York, NY, USA <sup>2</sup>Weill Cornell Medical College, Integrative Medicine, New York, NY, USA <sup>3</sup>Weill Cornell Medical College, Healthcare Policy And Research, New York, NY, USA

**92.04. Predictors of ED Visits and Readmissions Within One Year of Bariatric Surgery: A Statewide Analysis.**

M. C. Mora Pinzon<sup>1</sup>, D. Henkel<sup>6</sup>, R. E. Miller<sup>2</sup>, P. L. Remington<sup>1</sup>, S. N. Kothari<sup>4</sup>, J. Gould<sup>3</sup>, L. M. Funk<sup>5,6</sup> <sup>1</sup>University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA <sup>2</sup>Wisconsin Department Of Health Services, Madison, WI, USA <sup>3</sup>Medical College Of Wisconsin, Department Of Surgery, Milwaukee, WI, USA <sup>4</sup>Gundersen Health System, Department Of Surgery, Milwaukee, WI, USA <sup>5</sup>William S. Middleton VA Hospital, Madison, WI, USA <sup>6</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA

**92.05. Limitations of Comparing NSQIP Outcomes Over Time.**

E. M. Gleeson<sup>1</sup>, A. P. Johnson<sup>2</sup>, M. E. Kilbane<sup>3</sup>, H. A. Pitt<sup>4</sup> <sup>1</sup>Drexel University College Of Medicine, Philadelphia, PA, USA <sup>2</sup>Thomas Jefferson University, Philadelphia, PA, USA <sup>3</sup>Indiana University School Of Medicine, Indianapolis, IN, USA <sup>4</sup>Temple University, Philadelphia, PA, USA

**92.06. Machine Learning to Identify Multigland Disease in Primary Hyperparathyroidism.**

J. Imbus<sup>1</sup>, R. W. Randle<sup>1</sup>, S. C. Pitt<sup>1</sup>, R. S. Sippel<sup>1</sup>, D. F. Schneider<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA

**92.07. Mobile Application Design and Human Factors for**

**Global Health Innovation.** T. Schwab<sup>1,2</sup>, J. Langell<sup>1,2</sup> <sup>1</sup>University Of Utah, Center for Medical Innovation, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA

**92.08. Impact of Hospital Volume on Outcomes for Laparoscopic Lysis of Adhesions for Small Bowel Obstruction.**

R. A. Jean<sup>1</sup>, K. M. O'Neill<sup>1</sup>, K. Pei<sup>2</sup>, K. A. Davis<sup>2</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA <sup>2</sup>Yale University School Of Medicine, Department Of Surgery, Division Of General Surgery, Trauma And Surgical Critical Care, New Haven, CT, USA

**92.09. Laparotomy Trends Observed in 9,950,759 Patients Using**

**2009-2013 National Inpatient Sample (NIS).** M. J. Carney<sup>1</sup>, J. P. Fox<sup>1</sup>, J. M. Weissler<sup>1</sup>, J. P. Fischer<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Division Of Plastic Surgery, Philadelphia, PA, USA

**92.10. Wound Selfie: an App to Reduce Surgical Site Complications and Improve Patient-Provider Communication.**

G. M. Taylor<sup>1</sup>, A. L. Guzman<sup>4</sup>, J. Wilder<sup>6</sup>, A. Nakhmani<sup>5</sup>, R. T. Russell<sup>2</sup>, J. A. White<sup>3</sup>, J. H. Willig<sup>4</sup> <sup>1</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama at Birmingham, Div. Of Pediatric Surgery, Birmingham, Alabama, USA <sup>3</sup>University Of Alabama at Birmingham, Div. Of Transplantation, Birmingham, Alabama, USA <sup>4</sup>University Of Alabama at Birmingham, Div. Of Infectious Disease, Birmingham, Alabama, USA <sup>5</sup>University Of Alabama at Birmingham, Department Of Electrical And Computer Engineering, Birmingham, Alabama, USA <sup>6</sup>Datascription, New York, NY, USA

**92.11. Genitourinary Paraganglioma: An Analysis of the SEER Database (2000-2012).**

S. Purnell<sup>1</sup>, A. Sidana<sup>1</sup>, M. Maruf<sup>1</sup>, C. Grant<sup>2</sup>, S. Brancato<sup>1</sup>, P. Agarwal<sup>1</sup> <sup>1</sup>National Cancer Institute, Urologic Oncology Branch, Bethesda, MD, USA <sup>2</sup>George Washington University Hospital, Urology, Washington, DC, USA

**92.12. Trends in Parastomal Hernia Repair in the United States.**

T. Gavigan<sup>1</sup>, B. Matthews<sup>1</sup>, N. Rozario<sup>1</sup>, C. E. Reinke<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Department Of Surgery, Charlotte, NC, USA <sup>2</sup>Carolinas Medical Center, Dickson Advanced Analytics, Charlotte, NC, USA

**92.13. In-Hospital Text-Paging Communication as a Surgical Quality Improvement Initiative.**

M. Janko<sup>1</sup>, M. G. Noujaim<sup>2</sup>, K. F. Angell<sup>1</sup>, J. Hill<sup>1</sup>, J. Kalil<sup>1</sup>, S. Steele<sup>3</sup> <sup>3</sup>Case Western Reserve University School Of Medicine, Colorectal Surgery, Cleveland, OH, USA <sup>1</sup>Case Western Reserve University School Of Medicine, Vascular Surgery, Cleveland, OH, USA <sup>2</sup>University Of Massachusetts Medical School, School Of Medicine, Worcester, MA, USA

**92.14. Feasibility of Using Real-time Location Systems in**

**Monitoring Recovery after Major Abdominal Surgery.** R. Dorrell<sup>3</sup>, F. Hsu<sup>1</sup>, S. Vermillion<sup>3</sup>, C. Clark<sup>2</sup> <sup>1</sup>Wake Forest University School Of Medicine, Public Health Sciences, Winston Salem, NC, USA <sup>2</sup>Wake Forest University School Of Medicine, Department Of Surgery, Winston Salem, NC, USA <sup>3</sup>Wake Forest University School Of Medicine, Winston Salem, NC, USA

**92.15. Laparoscopic vs. Open Inguinal Hernia Repair: A Single-Center Analysis of Long Term Quality of Life.**

N. J. Mier<sup>1</sup>, M. C. Helm<sup>1</sup>, Z. Helmen<sup>1</sup>, M. E. Bosler<sup>1</sup>, A. Nielsen<sup>1</sup>, A. Kastenmeier<sup>1</sup>, J. C. Gould<sup>1</sup>, M. I. Goldblatt<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA

**92.16. Lack of Association Between Lymph Node Metastasis**

**and Nodule Size in Differentiated Thyroid Cancer.** D. Bu Ali<sup>1</sup>, K. Mohsin<sup>1</sup>, D. Monlezun<sup>1</sup>, E. Kandil<sup>1</sup> <sup>1</sup>Tulane University School Of Medicine, Surgery, New Orleans, LA, USA

**92.17. Outcomes of Inguinal Herniorrhaphy with Concomitant**

**Robotic Prostatectomy.** M. H. Zeb<sup>1</sup>, N. D. Naik<sup>1</sup>, T. K. Pandian<sup>1</sup>, A. Jyot<sup>1</sup>, H. Y. Saleem<sup>1</sup>, E. F. Abbott<sup>1</sup>, M. Monali<sup>1</sup>, E. H. Buckarma<sup>1</sup>, D. R. Farley<sup>1</sup> <sup>1</sup>Mayo Clinic, Dept Of Surgery, Rochester, MN, USA

**92.18. Laparoscopic vs Robotic Transversus Abdominus Release Learning Curve: Is There a Difference?**

A. S. Weltz<sup>1</sup>, N. Wu<sup>1</sup>, U. Sibia<sup>1</sup>, J. Chamu<sup>1</sup>, H. R. Zahiri<sup>1</sup>, I. Belyansky<sup>1</sup> <sup>1</sup>Anne Arundel Medical Center, Minimally Invasive Surgery, Annapolis, MD, USA

**92.19. The Optical Trocar Access in Laparoscopic Gastro-**

**intestinal Surgery.** C. Tanaka<sup>1</sup>, M. Fujiwara<sup>1</sup>, M. Kanda<sup>1</sup>, M. Hayashi<sup>1</sup>, D. Kobayashi<sup>1</sup>, S. Yamada<sup>1</sup>, H. Sugimoto<sup>1</sup>, T. Fujii<sup>1</sup>, Y. Kodera<sup>1</sup> <sup>1</sup>Nagoya University Graduate School Of Medicine, Dept. Of Gastroenterological Surgery, Nagoya, Aichi, Japan

**92.20. Early Outcomes of Fluorescence Angiography in the Setting of Endorectal Mucosa Advancement Flaps.**

A. Okonkwo<sup>1</sup>, J. Turner<sup>1</sup>, A. Chase<sup>1</sup>, C. E. Clark<sup>1</sup> <sup>1</sup>Morehouse School Of Medicine, Division Of Colon And Rectal Surgery/Department Of Surgery, Atlanta, GEORGIA, USA

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 93. CLINICAL/OUTCOMES: PATIENT SAFETY QUICKSHOT

SCHUBERT

**MODERATORS: Alex B. Haynes, MD, MPH & Thomas K. Varghese, MD**

**93.01. Daily Enoxaparin Provides Inadequate VTE Prophylaxis For Most VATS Patients Based On Anti-Xa Levels.** C. J. Pannucci<sup>1</sup>, K. I. Fleming<sup>1</sup>, L. Moulton<sup>2</sup>, A. Prazak<sup>3</sup>, T. K. Varghese<sup>2</sup> <sup>1</sup>University Of Utah, Division Of Plastic Surgery, Salt Lake City, Utah, USA <sup>2</sup>University Of Utah, Division Of Cardiothoracic Surgery, Salt Lake City, Utah, USA <sup>3</sup>University Of Utah, Department Of Pharmacy, Salt Lake City, Utah, USA

**93.02. Teamwork in the Pediatric Operating Room – A New Target for Improving Patient Safety.** C. K. Shoraka<sup>1,2,3</sup>, J. Wang<sup>1,2,3</sup>, J. E. Abraham<sup>1,2,3</sup>, K. M. Masada<sup>1,2,3</sup>, A. N. Minzenmayer<sup>1,2,3</sup>, K. T. Anderson<sup>1,2,3</sup>, K. P. Tsao<sup>1,2,3</sup>, K. P. Lally<sup>1,2,3</sup>, A. L. Kawaguchi<sup>1,2,3</sup> <sup>1</sup>The University Of Texas Health Science Center At Houston, McGovern Medical School, Houston, TX, USA <sup>2</sup>Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA <sup>3</sup>Center For Surgical Trials And Evidence-based Practices (C-STEP), Houston, TX, USA

**93.03. Risk factors of postoperative pneumonia in patients who underwent transthoracic esophagectomy.** M. Hayashi<sup>1</sup>, H. Takeuchi<sup>1</sup>, F. Kazumasa<sup>1</sup>, R. Nakamura<sup>1</sup>, K. Suda<sup>1</sup>, H. Kawakubo<sup>1</sup>, N. Wada<sup>1</sup>, Y. Kitagawa<sup>1</sup> <sup>1</sup>Keio University School Of Medicine, Department Of Surgery, Shinjyuku, TOKYO, Japan

**93.04. Opioid Prescribing and Education Following Uncomplicated Outpatient Laparoscopic Cholecystectomy.** R. Howard<sup>1</sup>, J. Lee<sup>1</sup>, C. Brummett<sup>1</sup>, J. Waljee<sup>1</sup>, M. Englesbe<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA

**93.05. Laparoscopic Cholecystectomy Conversion: Risk Factors and Trends at a Single Institution.** J. N. Byrd<sup>1</sup>, I. Nassour<sup>2</sup>, H. Zhu<sup>4</sup>, D. Xiang<sup>1</sup>, S. Luk<sup>2</sup>, J. Minei<sup>2</sup>, M. Choti<sup>1</sup> <sup>2</sup>University Of Texas Southwestern Medical Center, Division Of Burn/Trauma/Critical Care, Department Of Surgery, Dallas, TX, USA <sup>3</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA <sup>4</sup>University Of Texas Southwestern Medical Center, Department Of Clinical Science, Dallas, TX, USA <sup>1</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA

**93.06. The "Quality Minute:" A Brief, Structured Technique for QI Education During the M&M Conference.** R. L. Hoffman<sup>1</sup>, E. Bailey<sup>1</sup>, J. B. Morris<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA

**93.07. Association between Hospital Safety Attitudes and Failure to Rescue Rates.** S. T. Ward<sup>1</sup>, D. A. Campbell<sup>1</sup>, C. Friese<sup>2</sup>, J. B. Dimick<sup>1</sup>, A. A. Ghaferi<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, School Of Nursing, Ann Arbor, MI, USA

**93.08. The Cost of Increasing Adherence to VTE Prophylaxis Guidelines: Our QI Experience.** S. J. Layne<sup>2</sup>, E. A. Bailey<sup>1</sup>, R. R. Kelz<sup>1</sup>, C. M. Vollmer<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Center For Surgery And Health Economics, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Perelman School Of Medicine At The University Of Pennsylvania, Philadelphia, PA, USA

**93.09. Are NSAIDs associated with postoperative complications in gastrointestinal surgery?** M. N. Mavros<sup>1</sup>, D. K. Kalaitzoglou<sup>2</sup>, E. N. Gatsoulis<sup>2</sup>, K. P. Economopoulos<sup>2,3</sup> <sup>1</sup>MedStar Washington Hospital Center, Surgery, Washington, DC, USA <sup>2</sup>Society Of Junior Doctors, Surgery, Athens, ATTIKI, Greece <sup>3</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA

**93.10. A Sequential Implementation Pathway for Surgical Safety Checklist Introduction in Ambulatory Surgery Centers.** J. Lagoo<sup>2,3,6</sup>, R. Singal<sup>3,6</sup>, E. George<sup>3,6</sup>, J. Durney<sup>3,6</sup>, S. Lipsitz<sup>3,6</sup>, B. Neville<sup>3,6</sup>, B. Neal<sup>3,6</sup>, D. Schaps<sup>6</sup>, M. Miller<sup>4</sup>, M. Cook<sup>5</sup>, W. Berry<sup>2,3,6</sup>, A. Haynes<sup>1,3,6</sup> <sup>1</sup>Massachusetts General Hospital, General Surgery, Boston, MA, USA <sup>2</sup>Brigham And Women's Hospital, General Surgery, Boston, MA, USA <sup>3</sup>Harvard T.H. Chan School Of Public Health, Boston, MA, USA <sup>4</sup>Ariadne Labs, Boston, MA, USA <sup>5</sup>Agency For Healthcare Research And Quality, Rockville, MARYLAND, USA <sup>6</sup>American Hospital Association, Chicago, ILLINOIS, USA

**93.11. Can We Do That Here? Setting the Scope of Surgical Practice at a New Safety Net Community Hospital.** S. K. Frencher<sup>2,6</sup>, A. Sharma<sup>7</sup>, S. Seresinghe<sup>5</sup>, S. M. O'Neill<sup>1,3</sup> <sup>1</sup>University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA <sup>2</sup>University Of California - Los Angeles, Department Of Urology, Los Angeles, CA, USA <sup>3</sup>VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA <sup>4</sup>University Of California - San Diego, San Diego, CA, USA <sup>5</sup>University Of California - Santa Barbara, Santa Barbara, CA, USA <sup>6</sup>Martin Luther King, Jr. Community Hospital, Los Angeles, CA, USA <sup>7</sup>University Of California - Los Angeles, Los Angeles, CA, USA

**93.12. Evaluation of the Use of Preoperative Venous Thromboembolism (VTE) Prophylaxis in Surgical Oncology Patients.** L. S. Anwenah<sup>1</sup>, A. Nadler<sup>1</sup>, K. Krauss<sup>1</sup>, R. Uzzo<sup>1</sup>, E. Sigurdson<sup>1</sup>, J. Farma<sup>1</sup> <sup>1</sup>Fox Chase Cancer Center, Department Of Surgical Oncology, Philadelphia, PA, USA

**93.13. Assessing Anastomotic Perfusion in Colorectal Surgery with Indocyanine Green Fluorescence Angiography.** A. Dinallo<sup>1</sup>, W. Boyan<sup>1</sup>, B. Protyniak<sup>1</sup>, A. James<sup>1</sup>, R. Dressner<sup>1</sup>, M. Arvanitis<sup>1</sup> <sup>1</sup>Monmouth Medical Center, Surgery, Long Branch, New Jersey, USA

**93.14. Assessing Documentation Provided For Interhospital Transfers of Emergency General Surgery Patients.** F. Harl<sup>1</sup>, M. Saucke<sup>1</sup>, C. Greenberg<sup>1</sup>, A. Ingraham<sup>1</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA

**93.15. Reducing Intra-operative Delays with Fidelity to the Surgical Safety Checklist.** K. M. Masada<sup>1,2,3</sup>, K. T. Anderson<sup>1,2,3</sup>, M. Bartz-Kurycki<sup>1,2,3</sup>, J. E. Abraham<sup>1,2,3</sup>, J. Wang<sup>1,2,3</sup>, C. Shoraka<sup>1,2,3</sup>, M. T. Austin<sup>1,2,3</sup>, A. L. Kawaguchi<sup>1,2,3</sup>, K. P. Lally<sup>1,2,3</sup>, K. Tsao<sup>1,2,3</sup> <sup>1</sup>McGovern Medical School, The University Of Texas Health Sciences Center At Houston, Houston, TX, USA <sup>2</sup>Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA <sup>3</sup>Center For Surgical Trials And Evidence-based Practices (C-STEP), Houston, TX, USA

**93.16. Is Umbilical Hernia or Diastasis Recti Associated with Increased Risk of Ventral Incisional Hernia?** M. L. Moses<sup>1</sup>, C. Hannon<sup>1</sup>, D. V. Cherla<sup>1</sup>, K. Mueck<sup>1</sup>, J. L. Holihan<sup>1</sup>, S. Millas<sup>1</sup>, C. J. Wray<sup>1</sup>, L. S. Kao<sup>1</sup>, T. C. Ko<sup>1</sup>, M. K. Liang<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA

**93.18. The Readmission After Heart Failure (RAHF) Scale: Determining 30-Day Readmission Risk.** B. L. Siracuse<sup>1</sup>, J. Sond<sup>1</sup>, K. Mahendraraj<sup>1</sup>, C. S. Lau<sup>1,2</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA <sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada <sup>3</sup>Rutgers University, Surgery, Newark, NJ, USA

**93.19. Emergency General Surgery Transfers have Increased Mortality Risk.** C. E. Reinke<sup>1</sup>, M. Thomason<sup>1</sup>, N. Rozario<sup>1</sup>, B. D. Matthews<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Department Of Surgery, Charlotte, NC, USA <sup>2</sup>Carolinas Medical Center, Dickson Advanced Analytics, Charlotte, NC, USA

**93.20. Growth in Robotic Hernia Repair due to Reduction of Laparoscopic Approach, not from Open Surgeries.** P. R. Armijo<sup>1</sup>, D. Lomelin<sup>2</sup>, D. Oleynikov<sup>1</sup> <sup>1</sup>University Of Nebraska College Of Medicine, Surgery, Omaha, NE, USA <sup>2</sup>University Of Nebraska College Of Medicine, College Of Medicine, Omaha, NE, USA

**93.21. Tube Labeling as a Means to Eliminate Tubing Misconnections.** S. I. Hill<sup>2,3</sup>, K. R. Dumon<sup>2</sup>, N. J. Hoke<sup>4</sup>, G. J. Bordini<sup>2,5</sup>, L. Owei<sup>1</sup>, D. T. Dempsey<sup>2</sup> <sup>1</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Hospital Of University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA <sup>3</sup>University Of San Diego, College Of Arts And Sciences, San Diego, CA, USA <sup>4</sup>Hospital Of University Of Pennsylvania, Nursing Department, Perioperative Services, Philadelphia, PA, USA <sup>5</sup>Hospital University Of Pennsylvania, Department Of Nursing, Philadelphia, PA, USA

1:30 PM - 3:30 PM

## Integrated Quick Shot Presentation Sessions III

### 94. EDUCATION: SIMULATION TRAINING QUICKSHOT

STRAUSS

**MODERATORS: Chandrakanth Are, MBBS, FRCS & Marcie Feinman, MD**

**94.01. An Argument for Simulation-based Mastery Learning Education Courses for Practicing Surgeons.** L. M. Baumann<sup>1,2</sup>, K. A. Barsness<sup>1,2</sup> <sup>1</sup>Feinberg School Of Medicine - Northwestern University, Chicago, IL, USA <sup>2</sup>Ann & Robert H Lurie Children's Hospital, Pediatric Surgery, Chicago, IL, USA

**94.02. Teaching Surgical Skills In A Resource Limited Setting: Massed Vs Distributed Practice, An RCT.** R. Munyaneza<sup>1</sup>, R. Rivielo<sup>2</sup>, F. Ntiringanya<sup>1</sup> <sup>1</sup>National University Of Rwanda, Surgery, Butare, SOUTHERN, Rwanda <sup>2</sup>Brigham And Women's Hospital, Boston, MA, USA

**94.03. Astronauts' non-technical skills during management of trauma on deep space missions to Mars.** S. Yule<sup>1,3,4</sup>, J. Robertson<sup>3</sup>, A. Gupta<sup>4</sup>, R. Dias<sup>3</sup>, T. Doyle<sup>5</sup>, S. Lipsitz<sup>4</sup>, C. Pozner<sup>3</sup>, D. Musson<sup>2</sup>, D. S. Smink<sup>1,3,4</sup> <sup>1</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA <sup>2</sup>Northern Ontario School Of Medicine, Thunder Bay, ON, Canada <sup>3</sup>Brigham And Women's Hospital, STRATUS Center For Medical Simulation, Boston, MA, USA <sup>4</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA <sup>5</sup>McMaster University, Electrical And Computer Engineering, Hamilton, ON, Canada

**94.04. How the West was Won: West Texas as a Proving Ground for Prehospital Trauma Care Education..** N. Tully<sup>1</sup>, T. Dang<sup>1</sup>, M. Bhatia<sup>1</sup>, M. Aranke<sup>1</sup>, D. Vyas<sup>1</sup> <sup>1</sup>Texas Tech University Health Sciences Center, Department Of Surgery, Lubbock, TX, USA

**94.05. Maximizing Resident Acceptance of Surgical Simulation: An Institutional Experience.** U. P. Nag<sup>1</sup>, S. R. Sprinkle<sup>1</sup>, M. L. Cox<sup>1</sup>, M. C. Turner<sup>1</sup>, R. Sudan<sup>1</sup> <sup>1</sup>Duke University Medical Center, General Surgery, Durham, NC, USA

**94.06. A Cost Savings Approach to Suture Training Utilizing Self-Made Synthetic Multi-Layer Skin Models.** H. Buettner<sup>2</sup>, K. Patel<sup>1</sup>, J. Yoo<sup>1,2</sup>, A. Chatterjee<sup>1,2</sup>, L. Chen<sup>1,2</sup> <sup>1</sup>Tufts Medical Center, Department Of Surgery, Boston, MA, USA <sup>2</sup>Tufts University School Of Medicine, Boston, MA, USA

**94.07. \*JSS ABSTRACT Novel development of navigation surgery by augmented reality using a tablet PC.** J. Yasuda<sup>1</sup>, T. Okamoto<sup>2</sup>, S. Onda<sup>1</sup>, A. Hattori<sup>3</sup>, N. Suzuki<sup>3</sup>, K. Yanaga<sup>1</sup> <sup>1</sup>Jikei University School Of Medicine, Department Of Surgery, Tokyo, Japan <sup>2</sup>Jikei Daisan Hospital, Department Of Surgery, Tokyo, Japan <sup>3</sup>Jake University School Of Medicine, Institute For High Dimensional Medical Imaging, Tokyo, Japan

**94.08. Dr. Google: The Readability and Accuracy of Patient Education Websites for Graves' Disease Treatment.** A. Purdy<sup>1</sup>, A. Idriss<sup>1</sup>, S. Ahern<sup>1</sup>, B. Van Blarigan<sup>1</sup>, J. Bulter<sup>1</sup>, D. Elfenbein<sup>1</sup> <sup>1</sup>University Of California, Irvine, Orange, CA, USA

**94.09. Informed, Informed Consent.** K. C. Cates<sup>1</sup>, T. Miner<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, General Surgery, Providence, RI, USA

**94.10. Does Teaching the FAST Exam to High School Students Enhance Learning Among Medical Students?.** B. L. Gas<sup>1</sup>, E. Buckarma<sup>1</sup>, M. Mohan<sup>1</sup>, T. Pandian<sup>1</sup>, N. Naik<sup>1</sup>, W. Thompson<sup>1</sup>, E. Abbott<sup>1</sup>, A. Jyot<sup>1</sup>, M. Zeb<sup>1</sup>, S. Allen<sup>1</sup>, D. R. Farley<sup>1</sup> <sup>1</sup>Mayo Clinic, General Surgery, Rochester, MN, USA

**94.11. Social Media and Visual Abstracts to Disseminate Surgical Science.** A. M. Ibrahim<sup>1</sup>, K. D. Lillemoe<sup>2</sup>, M. E. Klingensmith<sup>3</sup>, J. Dimick<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA <sup>2</sup>Massachusetts General Hospital, Boston, MA, USA <sup>3</sup>Washington University, St. Louis, MO, USA

**94.12. Maturation of Effect Size During Enrollment of Prospective Randomized Trials.** A. S. Poola<sup>1</sup>, T. Oyetunji<sup>2</sup>, G. W. Holcomb<sup>1</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Department Of Surgery, Kansas City, MO, USA <sup>2</sup>Lurie Children's Hospital-Northwestern University, Department Of Surgery, Chicago, IL, USA

**94.13. Surgeons, engineers, & haptics: Designing a better robot training model for central line insertion.** K. A. Mirkin<sup>1</sup>, D. Pepley<sup>3</sup>, M. Yovanoff<sup>2,4</sup>, S. Miller<sup>2,4</sup>, J. Moore<sup>3</sup>, D. C. Han<sup>1</sup> <sup>1</sup>Penn State University College Of Medicine, Department Of Surgery, Hershey, PA, USA <sup>2</sup>The Pennsylvania State University, Department Of Industrial Engineering, State College, PA, USA <sup>3</sup>The Pennsylvania State University, Department Of Mechanical And Nuclear Engineering, State College, PA, USA <sup>4</sup>The Pennsylvania State University, School Of Engineering Design, State College, PA, USA

**94.14. Is Video Observation as Effective as Live Observation for Improving Operating Room Teamwork?.** A. H. Bui<sup>1</sup>, S. Guerrier<sup>1</sup>, D. L. Feldman<sup>1,2</sup>, P. Kischak<sup>2</sup>, S. Mudiraj<sup>2</sup>, D. Somerville<sup>2</sup>, M. Shebeen<sup>1</sup>, C. Girdusky<sup>1</sup>, I. Leitman<sup>1</sup> <sup>2</sup>Hospitals Insurance Company, New York, NY, USA <sup>1</sup>Mount Sinai School Of Medicine, Surgery, New York, NY, USA

**94.15. Evaluation of an Intensive Surgical Immersion Experience Curriculum for Pre-Clinical Medical Students.** E. S. Shipper<sup>1</sup>, S. Miller<sup>1</sup>, B. Hasty<sup>1</sup>, S. Merrell<sup>1</sup>, D. Lin<sup>1</sup>, J. Lau<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA

**94.16. Cognitive Simulation In Surgical Critical Care: A 'Booster Shot' Is Needed To Limit Knowledge Decline.** M. Sivarajah<sup>1,2</sup>, I. Staff<sup>1,2</sup>, K. Butler<sup>1,2</sup> <sup>1</sup>Hartford Hospital, Surgical Critical Care, Hartford, CT, USA <sup>2</sup>University Of Connecticut, Surgery, Hartford, CT, USA

**94.18. Single Incision Laparoscopic Proficiency Correlates with Residency Training Level.** M. C. Mora<sup>1</sup>, K. E. Wong<sup>1</sup>, G. L. Fernandez<sup>1</sup>, M. V. Tirabassi<sup>2</sup> <sup>1</sup>Baystate Medical Center, Surgery, Springfield, MA, USA <sup>2</sup>Baystate Children's Hospital, Pediatric Surgery, Springfield, MA, USA

**94.19. Glove and Instrument Handling in Cancer Surgery: A Survey of Surgeons' Beliefs and Practices.** D. Berger-Richardson<sup>1</sup>, A. Govindarajan<sup>1</sup>, R. S. Xu<sup>1</sup>, R. A. Gladly<sup>1</sup>, A. McCart<sup>1</sup>, C. J. Swallow<sup>1</sup> <sup>1</sup>University of Toronto, Department Of Surgery, Toronto, Ontario, Canada

**94.20. Preoperative Bowel Preparation Does Not Influence the Management of Colorectal Anastomotic Leaks.** K. Zorbas<sup>1</sup>, A. Choudhry<sup>2</sup>, H. Ross<sup>1</sup>, D. Yu<sup>2</sup>, M. Philp<sup>1</sup> <sup>1</sup>Temple University, Department Of Surgery/Lewis Katz School Of Medicine, Philadelphia, PA, USA <sup>2</sup>Temple University, Lewis Katz School Of Medicine, Philadelphia, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

### Integrated Quick Shot Presentation Sessions III

#### 95. EDUCATION 2 QUICKSHOT

ENCORE BALLROOM 4-8

**MODERATORS: Kimberly M. Brown, MD & Kelli M. Bullard Dunn, MD**

#### 95.01. Contemporary Trends in Scholarly Productivity and

**Funding in Integrated Subspecialty Residencies.** F. M. Davis<sup>1</sup>, N. Matusko<sup>2</sup>, P. K. Henke<sup>1</sup> <sup>1</sup>University Of Michigan, Section Of Vascular Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Department Of General Surgery, Ann Arbor, MI, USA

#### 95.02. Beyond Clinical Knowledge: How to Objectively Assess Resident Signout Communication.

S. Liu<sup>1</sup>, J. Unkart<sup>1</sup>, D. Hemming<sup>1</sup>, S. Horgan<sup>1</sup>, G. R. Jacobsen<sup>1</sup>, J. Baumgartner<sup>1</sup>, B. J. Sandler<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA

#### 95.03. Quantification of Resident Work in Colorectal Surgery . E.

A. Bailey<sup>1</sup>, A. Johnson<sup>2</sup>, I. Leeds<sup>3</sup>, E. C. Wick<sup>4</sup>, M. Rachel<sup>5</sup>, S. W. Cowan<sup>2</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Center For Surgery And Health Economics, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>Thomas Jefferson University, Department Of Surgery, Philadelphia, PA, USA <sup>3</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA <sup>4</sup>University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA <sup>5</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA

#### 95.04. Block Conference in Vascular Surgery Residency Improves

**Trainee Satisfaction with Education.** R. B. Robbins<sup>1</sup>, S. Sullivan<sup>2</sup>, B. Smith<sup>2</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Wisconsin-Madison, Department Of Surgery, Madison, WI, USA

#### 95.05. Have We Come as Far as We Had Hoped? Discrimination

**in the Residency Interview..** K. M. Hessel<sup>1</sup>, L. Kilgore<sup>1</sup>, C. Shelley<sup>1</sup>, A. Perry<sup>1</sup>, J. Wagner<sup>1</sup>, P. DiPasco<sup>1</sup> <sup>1</sup>University Of Kansas Medical Center, General Surgery, Kansas City, KS, USA

#### 95.06. Using Implementation Science to Adapt a Program to

**Assist Surgeons with High-Stakes Communication.** L. J. Taylor<sup>1</sup>, S. K. Johnson<sup>2</sup>, T. C. Campbell<sup>2</sup>, A. Zelenski<sup>2</sup>, J. Tucholka<sup>1</sup>, M. Nabozny<sup>1</sup>, M. Schwarze<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA <sup>2</sup>University Of Wisconsin, Medicine, Madison, WI, USA

#### 95.07. Resident Attitudes Toward Competency-Based Training: A

**Single-Institution Survey.** M. L. Cox<sup>1</sup>, S. R. Sprinkle<sup>1</sup>, U. Nag<sup>1</sup>, M. C. Turner<sup>1</sup>, R. Sudan<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA

#### 95.08. The Importance of Design Validation in Global Health

**Surgical Innovation.** T. Schwab<sup>1,3</sup>, B. Fassl<sup>2</sup>, R. Patel<sup>2</sup>, J. Langell<sup>1,3</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA <sup>2</sup>University Of Utah, Pediatrics, Salt Lake City, UT, USA <sup>3</sup>University Of Utah, Center For Medical Innovation, Salt Lake City, UT, USA

#### 95.09. Application of Student Research Objectives in an Interna-

**tional Elective: Circumcision in Swaziland.** A. R. Oddo<sup>1</sup>, A. Bales<sup>1</sup>, R. Siska<sup>1</sup>, D. J. Dennis<sup>1</sup>, E. VanderWal<sup>2</sup>, H. VanderWal<sup>2</sup>, R. Markert<sup>1</sup>, M. McCarthy<sup>1</sup> <sup>1</sup>Wright State University Boonshoft School Of Medicine, Department Of Surgery, Dayton, OH, USA <sup>2</sup>The Luke Commission, Sidvokodvo, MANZINI, Swaziland

#### 95.10. Faculty and Resident Perspectives on the Usage of a

**Web-based Operative Assessment Platform .** B. Hasty<sup>1</sup>, E. Shipper<sup>1</sup>, J. Lau<sup>1</sup>, D. Lin<sup>1</sup> <sup>1</sup>Stanford University, General Surgery, Palo Alto, CA, USA

#### 95.11. Development And Implementation of a Minimally-Invasive

**Surgery Curricula in Ghana: Lessons Learned.** G. E. Hsiung<sup>1,2</sup>, G. Ortega<sup>4</sup>, F. Abdullah<sup>1,2</sup>, D. Rhee<sup>5</sup>, K. A. Barsness<sup>1,2</sup> <sup>1</sup>Northwestern University, Department Of Surgery, Chicago, IL, USA <sup>2</sup>Ann And Robert H. Lurie Children's Hospital Of Chicago, Division Of Pediatric Surgery, Chicago, IL, USA <sup>3</sup>Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA <sup>4</sup>Howard University College Of Medicine, Outcomes Research Center, Department Of Surgery, Washington, DC, USA <sup>5</sup>Memorial Sloan-Kettering Cancer Center, Division Of Pediatric Surgery, New York, NY, USA

#### 95.12. Opportunity for Milestone Progress: a Novel Metric to

**Assess Feasibility of CGSO Milestones.** B. K. Bednarski<sup>1</sup>, T. A. Aloia<sup>1</sup>, J. E. Lee<sup>1</sup>, E. G. Grubbs<sup>1</sup> <sup>1</sup>University Of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA

#### 95.13. Outcomes of a Pediatric Surgical Oncology Fellowship in a

**Pediatric Cancer Institution.** I. Fernandez-Pineda<sup>1</sup>, D. Sanders<sup>1</sup>, B. N. Rao<sup>1</sup>, S. J. Shochat<sup>1</sup>, A. M. Davidoff<sup>1</sup> <sup>1</sup>St. Jude Children's Research Hospital, Surgery, Memphis, TN, USA

#### 95.14. Global Collaborative Healthcare: Assessing resource

**requirements at a leading academic medical center.** N. Rosson<sup>1</sup>, H. Hassoun<sup>1</sup> <sup>1</sup>Johns Hopkins Medicine International, Department Of Surgery, Baltimore, MD, USA

#### 95.15. Career Trajectories after Complex General Surgical

**Oncology Fellowship Training.** F. S. Dahdaleh<sup>1</sup>, J. Tseng<sup>1</sup>, K. Roggin<sup>1</sup>, M. Posner<sup>1</sup>, K. Turaga<sup>1</sup> <sup>1</sup>The University Of Chicago Medicine, Section Of General Surgery/Surgical Oncology, Chicago, IL, USA

#### 95.16. #ILookLikeASurgeon: A Global Social Media Movement

**Advocating Diversity and Surgical Culture Change.** H. J. Logghe<sup>1</sup>, M. A. Boeck<sup>2</sup>, K. A. Hughes<sup>4</sup>, T. K. Varghese<sup>5</sup>, N. J. Gusani<sup>6</sup>, C. D. Jones<sup>3</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA <sup>2</sup>University Of North Carolina At Chapel Hill, Department Of Surgery, Chapel Hill, NC, USA <sup>3</sup>New York Presbyterian Hospital, Columbia, Department Of Surgery, New York, NY, USA <sup>4</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Division Of Acute Care Surgery, Baltimore, MD, USA <sup>5</sup>Falmouth Hospital, Department Of Surgery, Falmouth, MA, USA <sup>6</sup>University Of Utah, Department Of Surgery, Division Of Cardiothoracic Surgery, Salt Lake City, UT, USA <sup>6</sup>Penn State Hershey Medical Center, Department Of Surgery, Division Of Surgical Oncology, York, PA, USA

#### 95.17. Evaluating Cancer Knowledge and Practice of Physicians

**and Medical Students at a Hospital in Nigeria.** P. N. Eneh<sup>1</sup>, D. Hogan<sup>3</sup>, S. Theiler<sup>1</sup>, J. O'Donnell<sup>1</sup>, C. Nwogu<sup>2,4</sup> <sup>1</sup>Dartmouth Medical School, Lebanon, NH, USA <sup>2</sup>Roswell Park Cancer Institute, University At Buffalo SUNY, Departments Of Thoracic Surgery And Cancer Prevention, Buffalo, NY, USA <sup>3</sup>Havana Specialist Hospital, Lagos, LAGOS, Nigeria <sup>4</sup>Lakeshore Cancer Center, Lagos, LAGOS, Nigeria

#### 95.18. Global Collaborative Healthcare: Resource requirements

**for surgical specialties at a leading AMC.** N. ROSSON<sup>1</sup>, H. HASSOUN<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA

#### 95.20. An Imperfect Effort at Week #1 Education for Surgical

**Trainees: Have Them Drink From the FIRE Hose.** Y. N. AlJama<sup>1</sup>, B. Gas<sup>1</sup>, S. Heller<sup>1</sup>, D. Farley<sup>1</sup> <sup>1</sup>Mayo Clinic, General Surgery, Rochester, MN, USA

# FACULTY LISTING

\*\*For most up to date faculty listing, please visit the meeting app.



- Daniel Abbott, MD**, University of Wisconsin, Madison, WI, USA
- Suresh Agarwal, MD**, University of Wisconsin, Madison, WI, USA
- Vanita Ahuja, MD**, Sinai Hospital, Baltimore, MD, USA
- Sarah Aitken, MBBS (Hons)**, University of Sydney, Sydney, Australia
- Thomas Aloia, MD**, MD Anderson Cancer Center, Houston, TX, USA
- Waddah Al-Refaie, MD**, Georgetown University Hospital and Lombardi Comprehensive Cancer Center, Washington, DC, USA
- Rahul Anand, MD**, Virginia Commonwealth University School of Medicine, Richmond, VA, USA
- Daniel Anaya, MD**, Moffitt Cancer Center, Houston, TX, USA
- Chandranth Are, MBBS, FRCS**, University of Nebraska Medical Center, Omaha, NE, USA
- Shipra Arya, MD, SM**, Emory University School of Medicine, Atlanta, GA, USA
- Juan Asensio, MD**, Creighton University, Omaha, NE, USA
- Stanley Ashley, MD**, Brigham and Women's Hospital, Boston, MA, USA
- Reza Askari, MD**, Brigham and Women's Hospital, Boston, MA, USA
- Omar Awais, DO**, University of Pittsburgh Physicians, Pittsburgh, PA, USA
- Reto Baertschiger, MD, PhD**, Children's Hospital at Dartmouth, Dartmouth Hitchcock, Lebanon, NH, USA
- Christina Bailey, MD, MSCI**, Vanderbilt University Medical Center, Nashville, TN, USA
- Courtney Balentine, MD**, University of Alabama at Birmingham, Birmingham, AL, USA
- Carlton Barnett, MD**, University of Colorado, Denver, CO, USA
- Kevin Behrns, MD**, Saint Louis University, St Louis, MO, USA
- Peyman Benharash, MD**, University of California, Los Angeles, Los Angeles, CA, USA
- Ramon Berguer, MD, PhD**, University of Michigan, Ann Arbor, MI, USA
- Ankit Bharat, MD**, Northwestern University, Chicago, IL, USA
- Karl Bilimoria, MD**, Northwestern University, Chicago, IL, USA
- Subarna Biswas, MD**, University of Southern California, Los Angeles, CA, USA
- Sarah Blair, MD**, University of California, San Diego, San Diego, CA, USA
- Tony Boccanfuso, President**, University Industry Demonstration Partnership, Washington, DC, USA
- Marissa Boeck, BA**, New York Presbyterian Hospital - Columbia, New York, NY, USA
- Cherif Boutros, MD, MSc**, University of Maryland School of Medicine, Baltimore, MD, USA
- Todd Brennan, MD, MS**, Duke University, Durham, NC, USA
- Kimberly Brown, MD**, UTMB, Galveston, TX, USA
- F. Charles Brunicaudi, MD**, University of Toledo College of Medicine and Life Sciences, ProMedica Health System, Toledo, OH, USA
- Ines Buccimazza, MD**, Nelson R. Mandela School of Medicine, University of KwaZulu-Natal, Durban, South Africa
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- Jacob Greenberg, MD, EdM**, University of Wisconsin, Madison, WI, USA
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- Imran Hassan, MD**, University of Iowa, Iowa City, IA, USA

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**Christian Jones, MD**, Johns Hopkins School of Medicine, Baltimore, MD, USA

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**Catherine Juillard, MD MPH**, University of California, San Francisco, San Francisco, CA, USA

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**Lillian Kao, MD, MS**, McGovern Medical School at UTHealth, Houston, TX, USA

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## FACULTY LISTING (continued)

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**Alexander Parikh, MD**, Vanderbilt University, Nashville, TN, USA

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|                    | TYPLIT                                              | OWNERSHIP INTEREST                                                                           | ADVISORY COMMITTEE                                                                                                                                                                                 |                              |
| SCOTT LEMAIRE      | GLAXO SMITH KLINE                                   | RESEARCH                                                                                     | CO-INVESTIGATOR, CLINICAL STUDY                                                                                                                                                                    | FACULTY                      |
|                    | MEDTRONIC                                           | RESEARCH                                                                                     | CO-INVESTIGATOR, CLINICAL STUDY                                                                                                                                                                    |                              |
|                    | W.L. GORE & ASSOCIATES                              | RESEARCH                                                                                     | CO-INVESTIGATOR, CLINICAL STUDY                                                                                                                                                                    |                              |
|                    | VASCUTEK TERUMO                                     | RESEARCH                                                                                     | PRINCIPAL AND CO-INVESTIGATOR, CLINICAL STUDIES                                                                                                                                                    |                              |
|                    | CYOTSORBANTS                                        | RESEARCH                                                                                     | CO-INVESTIGATOR, CLINICAL STUDY                                                                                                                                                                    |                              |
|                    | BAXTER HEALTHCARE                                   | RESEARCH                                                                                     | PRINCIPAL INVESTIGATOR, CLINICAL STUDY                                                                                                                                                             |                              |
| DILEEP LOBO        | BAXTER                                              | CONSULTING FEE                                                                               | ADVISORY COMMITTEE                                                                                                                                                                                 | MODERATOR                    |
|                    | BBRAUN                                              | RESEARCH                                                                                     | SPEAKING/TEACHING                                                                                                                                                                                  |                              |
| JAYME LOCKE        | SANOFI                                              | HONORARIA                                                                                    | ADVISORY COMMITTEE                                                                                                                                                                                 | MODERATOR, PROGRAM COMMITTEE |
|                    | INFUSION PHARMA                                     | HONORARIA                                                                                    | CONSULTANT                                                                                                                                                                                         |                              |
| ANDREW MACCORMICK  | MEDTRONIC                                           | RECIPIENT OF GRANT                                                                           | EDUCATIONAL GRANT                                                                                                                                                                                  | ABSTRACT PRESENTER           |
| KEITH MILLIKAN     | DAVOL INC                                           | CONSULTANT/ADVISOR                                                                           | SPEAKER HONORARIUM                                                                                                                                                                                 | ABSTRACT PRESENTER           |
| CHET MORRISON      | BAXTER                                              | NOTHING RECEIVED. NO CONTRACTUAL RELATIONSHIP WITH THEM CURRENTLY AND NO OWNERSHIP INTERESTS | SPOUSE IS A MEDICAL LIASON WITH BAXTER CURRENTLY                                                                                                                                                   | MODERATOR                    |
| MATTHEW NEAL       | CSL BEHRING                                         | CONSULTING FEE                                                                               | ADVISORY COMMITTEE                                                                                                                                                                                 | MODERATOR                    |
|                    | JANSSEN PHARMACEUTICALS                             | RESEARCH                                                                                     | ADVISORY COMMITTEE                                                                                                                                                                                 |                              |
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|                    | BRISTOL-MYERS SQUIBB                                | INVESTIGATOR                                                                                 | RESEARCH GRANT                                                                                                                                                                                     |                              |
| AMELIE PEISL       | SHIRE PLC                                           | PROVISION OF INVESTIGATIONAL DRUG IN QUESTION                                                | RESEARCH SUPPORT                                                                                                                                                                                   | ABSTRACT PRESENTER           |

## Planner, Faculty, and Presenter Disclosures

| Name                 | Company                                             | Received                                                                                                                                                      | Role                                                                                                                                                                                      | Role                         |
|----------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| BENJAMIN POULOSE     | PFIZER MEDICAL                                      | CONSULTING FEE                                                                                                                                                | CONSULTANT                                                                                                                                                                                | MODERATOR                    |
|                      | BARD-DAVOL                                          | RESEARCH                                                                                                                                                      | CO-PRINCIPAL INVESTIGATOR                                                                                                                                                                 |                              |
| MARK PUDEP           | FRESENIUS KABI                                      | CONSULTANT/ADVISOR;<br>LICENSE AGREEMENT                                                                                                                      | LICENSING AGREEMENT OR<br>ROYALTY; CONSULTING FEE                                                                                                                                         | ABSTRACT PRESENTER           |
| TAYLOR RIALI         | ABOTT LABORATORIES                                  | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               | CORE COMMITTEE,<br>FACULTY   |
|                      | JOHNSON AND JOHNSON                                 | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               |                              |
|                      | MEDTRONICS                                          | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               |                              |
|                      | MERCK                                               | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               |                              |
|                      | PFIZER                                              | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               |                              |
|                      | ST. JUDE MEDICAL                                    | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               |                              |
|                      | UNITED HEALTH                                       | OWNERSHIP INTEREST                                                                                                                                            | STOCKHOLDER                                                                                                                                                                               |                              |
| THOMAS ROBINSON      | KARL STORZ ENDOSCOPY                                | RECIPIENT OF EDUCATIONAL<br>GRANT                                                                                                                             | EDUCATIONAL GRANT                                                                                                                                                                         | ABSTRACT PRESENTER           |
| ASHOK SALUJA         | MINNEAMRITA THERAPEUTICS                            | CONSULTANT/ADVISOR;<br>CO-FOUNDER                                                                                                                             | CONSULTING FEE                                                                                                                                                                            | ABSTRACT PRESENTER           |
| ASHOK SALUJA         | MINNEAMRITA THERAPEUTICS LLC                        | CONSULTANT/ADVISOR                                                                                                                                            | CONSULTING FEE                                                                                                                                                                            | ABSTRACT PRESENTER           |
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| JASON SICKLICK       | NOVARTIS PHARMACEUTICALS                            | FUNDING                                                                                                                                                       | INVESTIGATOR-INITIATED<br>TRIAL                                                                                                                                                           | MODERATOR                    |
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| CARLOS TIMARAN       | COOK                                                | CONSULTANT/ADVISOR;<br>SCIENTIFIC STUDY/TRIAL                                                                                                                 | RESEARCH GRANT; SPEAKER<br>HONORARIUM; CONSULTING<br>FEE                                                                                                                                  | ABSTRACT PRESENTER           |
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| HEATHER YEO          | BIOSCRIPT                                           | SPOUSE SALARY                                                                                                                                                 | SPOUSE EMPLOYMENT                                                                                                                                                                         | MODERATOR                    |

# ASSOCIATION FOR ACADEMIC SURGERY ABOUT THE AAS



CELEBRATING *50 Years* OF MEETINGS

## 50<sup>th</sup> AAS Annual Meeting

February 7 - 9, 2017

Las Vegas, NV

### ABOUT THE ASSOCIATION FOR ACADEMIC SURGERY (AAS)

**AAS' mission is to inspire  
and develop young academic surgeons.**

#### Specific goals are:

- To provide a forum for senior surgical residents, fellows, and junior faculty members to present and discuss their current educational, clinical or basic science research.
- To promote the career development of young surgical faculty by providing workshops designed to enhance professional and personal growth.
- To encourage the interchange of ideas between senior surgical residents, fellows, junior faculty and established academic surgeons.
- To facilitate communication among academic surgeons in all surgical fields.

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| <b>Association of American Medical Colleges</b>                  |             |
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| F. Charles Brunicaudi, MD           | (2016 - 2018) |
| Kim I. De La Cruz, MD               | (2016 - 2018) |
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| Kamran Idrees, MD                         | (2016 - 2018) |
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# **The Society of University Surgeons Seventy-Eighth Annual Meeting**

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### **Scholarship:**

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**Back Row (l-r):** Allan Tsung, MD; Allan Goldstein, MD; Timothy Donahue, MD; Timothy Pritts, MD, PhD; Evan Nadler, MD; Thomas Aloia, MD; O. Joe Hines, MD; Dev Desai, MD, PhD; George Yang, MD, PhD; Sharon Weber, MD; Sunil Geevarghese, MD; Scott Steele, MD

**Not Pictured:** Dai Chung, MD; David Hackam, MD, PhD; Gregory Kennedy, MD, PhD; Gretchen Schwarze, MD; Frank Sellke, MD

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| David Bentram, MD        | 2014-2017 |
| Electron Kebebew, MD     | 2014-2017 |
| Bhuvanesh Singh, MD      | 2015-2017 |
| Eugene Kim, MD           | 2015-2017 |
| Rachel Kelz, MD          | 2016-2017 |
| Mark Cohen, MD           | 2015-2017 |
| Michael Morowitz, MD     | 2015-2017 |
| Nita Ahuja, MD           | 2015-2017 |
| Philip Efron, MD         | 2015-2017 |
| Yongqi Li, MD, PhD       | 2015-2017 |
| Carlton Barnett, MD      | 2016-2018 |
| Ernest Camp, MD          | 2016-2018 |
| Kazuaki Takabe, MD       | 2016-2018 |
| Tina Yen, MD             | 2016-2018 |

## SCHOLARSHIP COMMITTEE

|                            |                    |
|----------------------------|--------------------|
| Timothy Donahue, MD, Chair | 2015-2018          |
| Taylor Riall, MD, PhD      | President-Elect    |
| O. Joe Hines, MD           | Past President     |
| David Hackam, MD, PhD      | Past President     |
| Sharon Weber, MD           | Past President     |
| Thomas Aloia, MD           | Councilor-at-Large |
| Timothy King, MD, PhD      | 2016-2017          |
| Eric Liao, MD              | 2016-2017          |

## SOCIAL & LEGISLATIVE ISSUES COMMITTEE

|                         |                     |
|-------------------------|---------------------|
| Scott Steele, MD, Chair | 2014-2017           |
| Dev Desai, MD, PhD      | ABS Representative  |
| Frank Sellke, MD        | ACS Representative  |
| Kelli Bullard Dunn, MD  | ACS Representative  |
| Carmen Solorzano, MD    | AAMC Representative |
| Alan Dardik, MD, PhD    | 2015-2017           |
| Anneke Schroen, MD, MPH | 2015-2017           |
| Niraj Gusani, MD        | 2016-2018           |
| Jeffrey Farma, MD       | 2016-2018           |
| Peter Muscarella, MD    | 2016-2018           |
| Courtney Scaife, MD     | 2016-2018           |

## SURGICAL EDUCATION COMMITTEE

|                           |                     |
|---------------------------|---------------------|
| Adil Haider, MD, Chair    | 2014-2017           |
| Taylor Riall, MD, PhD     | President Elect     |
| Dai Chung, MD             | ABS Representative  |
| Frank Sellke, MD          | ACS Representative  |
| Kelli Bullard Dunn, MD    | ACS Representative  |
| Sunil Geevarghese, MD     | AAMC Representative |
| A. Scott Pearson, MD      | 2015-2017           |
| Saleem Islam, MD, MPH     | 2015-2017           |
| Martin McCarter, MD       | 2016-2018           |
| Michael Meyers, MD        | 2016-2018           |
| John Scarborough, MD, MPH | 2016-2018           |

## NOMINATING COMMITTEE

|                              |                    |
|------------------------------|--------------------|
| Taylor Riall, MD, PhD, Chair | President Elect    |
| Rebecca Minter, MD           | President          |
| O. Joe Hines, MD             | Past President     |
| David Hackam, MD, PhD        | Past President     |
| Sharon Weber, MD             | Past President     |
| Timothy Pritts, MD, PhD      | Councilor-at-Large |
| 2017 Superannuating Members  |                    |

## SUS FOUNDATION BOARD OF DIRECTORS

|                          |                    |
|--------------------------|--------------------|
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| Kelly Yamaichi           | At-Large Member    |
| Thomas Aloia, MD         | Councilor-At-Large |
| Timothy Donahue, MD      | Councilor-At-Large |

# SOCIETY OF UNIVERSITY SURGEONS (SUS)

## 2015-2016 SUS Resident Scholar Award Winners

The SUS Resident Scholar Awards, sponsored by unrestricted educational grants from Ethicon and Olympus, are intended for residents in any of the surgical disciplines who are doing research in biomedical sciences or surgical education.

**Kannan P. Samy, MD** 2015-2016

Mentor: Todd V. Brennan, MD

*Sponsored by an educational grant from Ethicon*

**Alejandro Torres-Hernandez, MD** 2015-2016

Mentor: George Miller, MD

*Sponsored by an educational grant from Ethicon*

**Timothy Sweeney, MD, PhD** 2015-2016

Mentor: Purvesh Khatri, MD

*Sponsored by an educational grant from Olympus*

The SUS Resident Scholar Award, sponsored by an unrestricted educational grant from KARL STORZ, is intended for residents in any of the surgical disciplines who are doing research focused on surgical innovation, bioengineering, or surgical education utilizing new technologies.

**Daniel Lodwick, MD, MS** 2015-2016

Mentor: Katherine Deans, MD

*Sponsored by an educational grant from KARL STORZ*

## 2016-2017 SUS Resident Scholar Award Winners

The SUS Resident Scholar Award, sponsored by an unrestricted educational grant from the SUS Foundation, is intended for residents in any of the surgical disciplines who are doing basic science or "outcomes" research, or research on surgical education.

**Alessandra Moore, MD** 2016-2017

Mentor: Michael Longaker, MD

*Sponsored by an educational grant from SUS Foundation*

The SUS Resident Scholar Award, sponsored by an unrestricted educational grant from KARL STORZ, is intended for residents in any of the surgical disciplines who are doing research focused on surgical innovation, bioengineering, information technology and data management, or surgical education utilizing new technologies.

**Dani Odette Gonzalez, MD** 2016-2017

Mentor: Katherine J. Deans, MD, MHSc

*Sponsored by an educational grant from KARL STORZ*

## Junior Faculty Award Winner

The SUS Junior Faculty Award is intended for surgical faculty members in the United States or Canada in any of the surgical disciplines who have completed a surgical residency or clinical fellowship post-graduate training program to support their research in the basic, clinical/outcomes, or translational surgical sciences.

**Christopher Gayer, MD, PhD** 2015-2016

Mentor: Mark Frey, MD

*Sponsored by an educational grant from the SUS Foundation*

**Ankit Bharat, MD** 2016-2017

Mentor: Scott Budinger, MD

*Sponsored by an educational grant from the SUS Foundation*

## 2016 SUS Travel Award Winners

The SUS sponsors two travel awards per year. Two of the presenters at the Plenary Session of the Academic Surgical Congress will be selected to receive Travel Awards. Selection is made by members of the Executive Council. The Publications Chair coordinates the selection process. The merits of the research, the quality of the presentation, and the skills demonstrated during the discussion will be considered in selecting award recipients. Each award recipient will attend either the SARS or ESSR meeting in the year following their selection where they will present their research. The SUS provides round trip coach airfare for the award recipient, while the sister societies provide accommodations and registration fees for the meeting. The award is intended for surgical resident trainees or surgical junior faculty.

**Carrie Thiessen, MD, PhD** 2015

Mentor: Kimberly Davis, MD

ESSR Meeting (2015 Winner)

**Shahab Shaffiey, MD** 2016

Mentor: David Hackam, MD, PhD

SARS Meeting (2015 Winner)

**Michael Wandling, MD** 2016

Mentor: Karl Bilimoria, MD, MS

ESSR Meeting (2016 Winner)

**Leisha Elmore, MD** 2017

Mentors: Isaiah Turnbull, MD, PhD and Michael Awad, MD, PhD

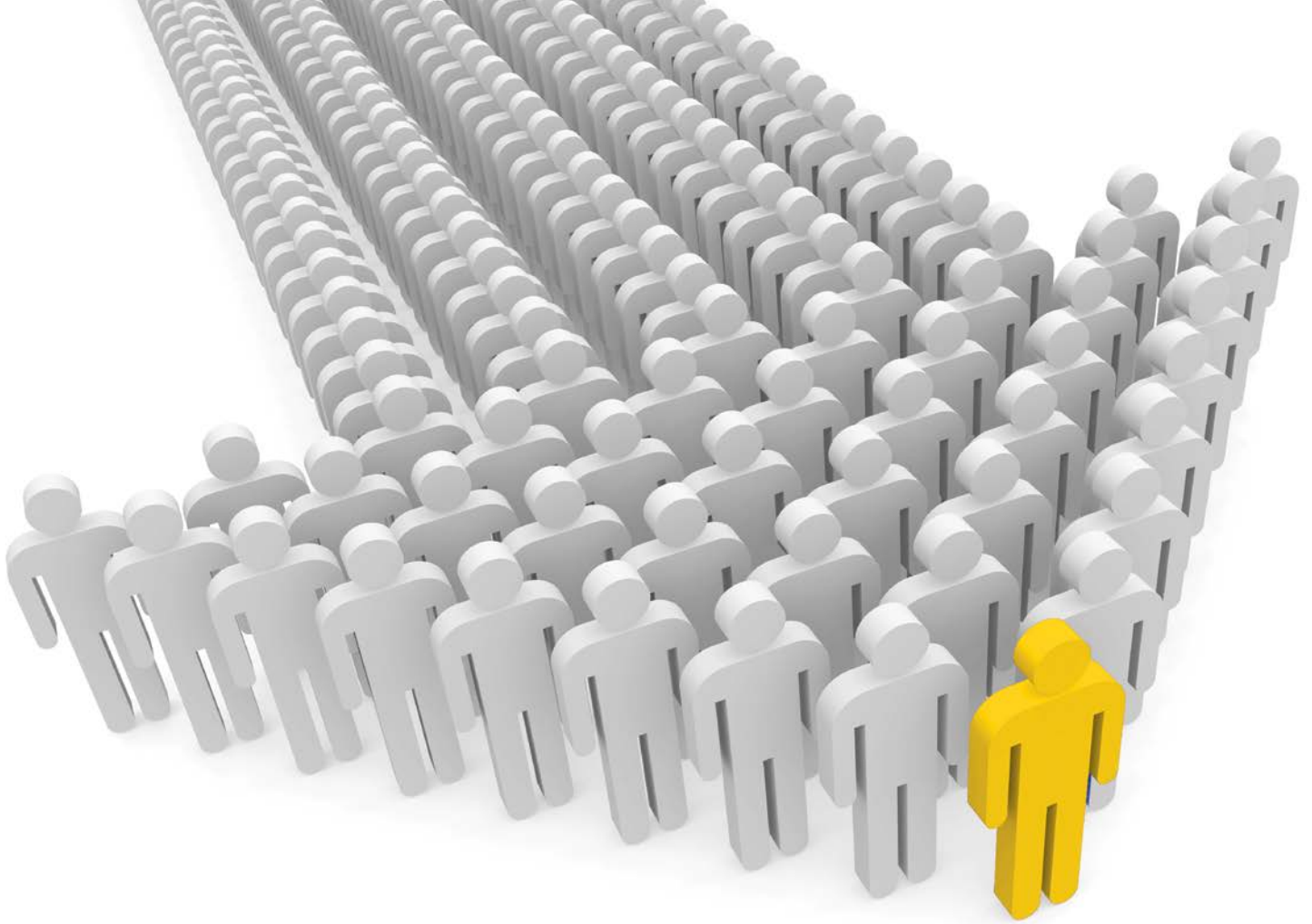
SARS Meeting (2016 Winner)

## INTERNATIONAL SISTER SOCIETY LEADERSHIP AWARDS

SUS leaders are chosen each year to represent the SUS at the annual meetings of its sister international surgical societies. In each case, they are expected to present some aspect of their scientific or clinical work and participate in important interchanges with the leaders and members of our partner sister societies.

## SUS LIFETIME ACHIEVEMENT AWARD WINNERS

|                              |      |
|------------------------------|------|
| John A. Mannick, MD          | 2004 |
| James C. Thompson, MD        | 2005 |
| Basil A. Pruitt, Jr., MD     | 2006 |
| Frank G. Moody, MD           | 2007 |
| Clyde F. Barker, MD          | 2008 |
| Richard L. Simmons, MD       | 2009 |
| Ben Eiseman, MD              | 2010 |
| Patricia K. Donahoe, MD      | 2011 |
| Alden H. Harken, MD          | 2012 |
| Hiram C. Polk, Jr., MD       | 2013 |
| Marshall J. Orloff, MD       | 2014 |
| Ernest "Gene" Moore, MD      | 2015 |
| Ronald Busuttil, MD, MS, PhD | 2016 |



Northwestern  
**Kellogg**  
School of Management

# SOCIETY OF UNIVERSITY SURGEONS LEADERSHIP AGILITY PROGRAM

**September 17-20, 2017**

*Kellogg School of Management, Northwestern University, Evanston, IL*

Visit [susweb.org](http://susweb.org) or contact the SUS Executive Office at [info@susweb.org](mailto:info@susweb.org) or (310) 986-6442 for additional information.

# FEEDBACK FROM 2016 LEADERSHIP AGILITY PROGRAM PARTICIPANTS

## BUSINESS BASICS

*"Very engaging professor – spoke at our level."*

*"The case study was good. Real-life, applicable tool to learn the information."*

*"Great overview of some key business concepts."*

## NEGOTIATION FUNDAMENTALS: ESSENTIAL KNOW-HOW FOR LEADERS

*"Great energy, very relevant, and clearly prepared specifically for surgery."*

*"Defined concepts, reinforced with examples and gave concrete do's and don'ts."*

*"All of it – skills, knowledge, opportunity to practice, ability to connect content to our daily lives. Concept of interest vs. issue vs. position."*

## HUMAN CAPITAL: STRATEGY AND LEADERSHIP

*"Fantastic session! The tools provided were fantastic and new to group. Very insightful regarding how to address your talent strategy to your business strategy and not vice versa."*

*"Pearls of useful information, targeted and relevant to needs of group and plenty of time for discussion, kept pace going, connected dots."*

*"Very engaging instructor. Brought in examples we could relate to. Showed how to apply concepts to our real practice."*

## TEAMING: THE ART OF EFFECTIVE COLLABORATION

*"Excellent presentation and great examples of how teams should work. Excellent hands-on exercises."*

*"Small and large group breakout sessions provided 'proof of principles' to support learning objectives."*

## HEALTH INDUSTRY CONSOLIDATION AND COLLABORATION: THE INTEGRATED HEALTH PROVIDER

*"Very useful to understand how economists study and evaluate health systems. Very good at bridging economic theory and models to a bunch of surgeons."*

*"Very experienced instructor. Real-life examples."*

*"Very knowledgeable instructor, passionate about topic. Overall informative about integration – good and bad."*

## HOSPITAL INDUSTRY CONSOLIDATION: THE CHANGING LANDSCAPE

*"Great overview of key concepts, very applicable to our current systems."*

*"Useful for global understanding of trends in consolidation."*

*"Hit key topics, broke down complex topics into simple/ logical thoughts."*





## **SOCIETY OF UNIVERSITY SURGEONS (SUS) FOUNDATION DONORS 2016**

***Thank you for your support!***

Please note that this list reflects gifts received in 2016.

### **Diamond Level \$10,000 and above**

KARL STORZ Endoscopy-America

### **Gold Level \$1,000 - \$9,999**

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Keith Lillemoe  
Ronald Maier  
Jeffrey Matthews  
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Susan Orloff  
Taylor Riall  
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Sharon Weber  
Sandra Wong

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Brian Daley  
Mark Evers  
Anne Fischer  
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Robert Rhodes  
Thomas Wang  
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John White  
Mihae Yu

### **Contributors under \$250**

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If you see any errors or do not see your name listed and you made a donation in 2016, please contact the SUS Foundation office at [info@susweb.org](mailto:info@susweb.org) or 310-986-6443 to have this corrected. Thank you.

## 2017 Exhibitor List



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### Alpha Innovation

Alpha Innovation is passionately committed to developing lifelong relationships and delivering the ultimate product through integrity and innovation.

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#### GIBLIB

3470 Wilshire Blvd. Suite 626  
Los Angeles, CA 90010  
Phone: 919-280-1378  
Website: [www.giblib.com](http://www.giblib.com)

We work with healthcare organizations to create and distribute impactful surgical content that empowers them to educate their doctors, engage their patients, and showcase their institutions. We use cutting edge technology, like 360°/Virtual Reality, to create highly educational content to market your hospital and train your surgeons and residents.

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#### Globo-sa, Inc.

Transcutaneous Electrical Nerve Stimulator- A TENS unit is designed to modulate pulse width, frequency, and intensity and is used by doctors, chiropractors, physical therapists, and sports rehabilitators. Its primary functions are pain relief and muscle relaxation but it can also be used for strengthening a muscle (abs, arms, hips), removing cellulites, and losing weight.

IQ Massager Pro 2 employs low electrical frequency with an intensity that produces motor contraction. It has six modes that simulate the most typical therapeutic massages such as deep tissue and pulsing. They can be used to get rid of muscle knots, stiff neck, cramps, soreness, tension, and headache. Another benefit is increased blood circulation that improves tonus and sleep. Furthermore, IQ Massager Pro 2 has an acupuncture mode that can be used effectively for pain relief.

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### GS Innovations

#### HCA

2 Maryland Farms, Suite 210  
Brentwood, TN, 37027  
Phone: 615-373-7600  
Website: [www.practicewithus.com](http://www.practicewithus.com)

HCA owns and operates over 160 hospitals across the United States, which makes us one of the nation's leading providers of healthcare services. We believe exceptional patient outcomes only come through a dedicated community of care, placing our physicians at the forefront.

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#### Teleflex

3015 Carrington Blvd.  
Morrisville, NC 27560  
Phone: 610-944-4600

Teleflex Surgical offers a wide portfolio of innovative minimally invasive surgery products proven to help improve patient outcomes. These products include our New Percutance® and MiniLap® Percutaneous Surgical Systems, Weck® Hem-o-lok® Polymer Locking Ligation System, and Weck EFX®Shield™ Fascial Closure System as examples. These products are offered alongside time-tested and trusted Pilling® Surgical Instruments and Lightsource solutions to provide a comprehensive set of solutions to meet the challenges of an evolving healthcare environment.

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### World Molecular Imaging Society (WMIS)

6162 Bristol Pkwy  
Culver City, CA 90230  
Phone: 310-215-9730  
Email: [wmis@wmis.org](mailto:wmis@wmis.org)  
Website: [www.wmis.org](http://www.wmis.org)

The World Molecular Imaging Society (WMIS) is dedicated to supporting, developing and promoting preclinical and clinical multi-modal molecular imaging in order to understand and treat neurological, cardiovascular, inflammatory, metabolic, oncological and infectious diseases. WMIS members and non-members meet annually at our World Molecular Imaging Congress (WMIC), an education and abstract-driven meeting, providing a platform for scientists and clinicians with diverse backgrounds to interact and present cutting-edge advances in molecular imaging.

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### Yota Enterprise

4495 W Hacienda Ave, #14  
Las Vegas, NV 89118  
Phone: 888-558-0933  
Website: <http://officewirelesslv.com/>

Yota Office Solutions can create a wireless design that's just right for your business. And we'll help you maintain it as your business grows and your needs change. In today's business, going wireless isn't so much a case of "if," but a case of "when." Your users are mobile. They're doing business on iPhones and iPads and Androids. They don't have the capability to plug into a wired network. Though the need to go wireless might be a no brainer, the technology behind it is anything but. There are operational and security issues that require a clear and insightful plan right from the start. So you're not dealing with spotty connections and gaps in your security down the road.