



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

**MEETING PROGRAM**

**February 3 - 5, 2015**

Encore Hotel  
**Las Vegas, Nevada**

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**Association for Academic Surgery (AAS)**

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

**Society of University Surgeons (SUS)**

11300 W. Olympic Blvd., Suite 600  
Los Angeles, CA 90064  
Phone: (310) 986-6442  
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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 2015 INSTITUTIONAL MEMBERS

### Platinum Members

- Johns Hopkins Medicine\*
- Stanford University School of Medicine, Department of Surgery\*
- University of Nebraska Medical Center
- University of Wisconsin\*
- University of Vermont Medical Center

### Gold Members

- Rutgers New Jersey Medical School, Department of Surgery
- UCLA Department of Surgery, David Geffen School of Medicine\*
- University of Michigan Health System, Department of Surgery\*
- University of Pittsburgh, Department of Surgery\*

### Silver Members

- Beth Israel Deaconess Medical Center
- Medical College of Wisconsin\*
- Northwestern University\*
- Penn State College of Medicine, Penn State Hershey Medical Center

### Bronze Members

- Massachusetts General Hospital, Department of Surgery\*
- The University of Texas, MD Anderson Cancer Center
- University of California at Davis
- University of Miami, Miller School of Medicine
- University of North Carolina Chapel Hill

\*ASC Founding Institutional Members

## ASC 2015 EXHIBITORS

**The American College of Surgeons, National Surgical Quality Improvement Program**

**Doctella**

**Expo Enterprises**

**Feel Good, Inc.**

**Hitachi Aloka**

**JAMA Network**

**Kyoui**

**University of Wisconsin**

# GENERAL INFORMATION



## EVENT NAME

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

## DATE

**February 3 - 5, 2015**

## LOCATION

### Encore Hotel

3131 Las Vegas Blvd  
Las Vegas, NV 89109

## RESERVATIONS

**702-770-7000, 888-320-7123**

**<https://resweb.passkey.com/go/AASURG2015>**

**GROUP RATE: 6ACS0215**

## CONTACT

### Association for Academic Surgery (AAS)

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Phone: (310) 437-1606  
Fax: (310) 437-0585  
[www.aasurg.org](http://www.aasurg.org)

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Phone: (310) 986-6442  
Fax: (310) 437-0585  
[www.susweb.org](http://www.susweb.org)

## ON-SITE REGISTRATION HOURS

### Location: Encore Foyer

Monday, February 2, 2015	2:00 PM - 6:00 PM
Tuesday, February 3, 2015	6:30 AM - 6:30 PM
Wednesday, February 4, 2015	6:30 AM - 6:30 PM
Thursday, February 5, 2015	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 at least TWO 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 2, 2015	2:00 PM - 6:00 PM
Tuesday, February 3, 2015	5:30 AM - 6:30 PM
Wednesday, February 4, 2015	6:00 AM - 6:00 PM
Thursday, February 5, 2015	6:00 AM - 3:30 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 3, 2015

9:30 am - 4:30 pm	Exhibits Open
6:30 pm - 7:30 pm	Exhibits Open (Reception)
9:30 am - 10:00 am	Morning Break in Exhibit Hall
3:30 pm - 4:30 pm	Afternoon Break in Exhibit Hall
4:30 pm - 6:30 pm	Exhibits Closed – Break For Exhibitors
6:30 pm - 7:30 pm	Reception in Exhibit Hall

### Wednesday, February 4, 2015

9:30 am - 4:30 pm	Exhibits Open
5:30 pm - 7:00 pm	Exhibits Open (Cocktail Hours)
9:30 am - 10:00 am	Morning Break in Exhibit Hall
3:30 pm - 4:30 pm	Afternoon Break in Exhibit Hall
4:30 pm - 5:30 pm	Exhibits Closed – Break for Exhibitors
5:30 pm - 7:00 pm	10th Anniversary Cocktail Hour

### Thursday, February 5, 2015

9:00 am - 1:30 pm	Exhibits Open
9:00 am - 9:30 am	Morning Break in Exhibit Hall
1:30 pm	Exhibit Hall Closes

## 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.

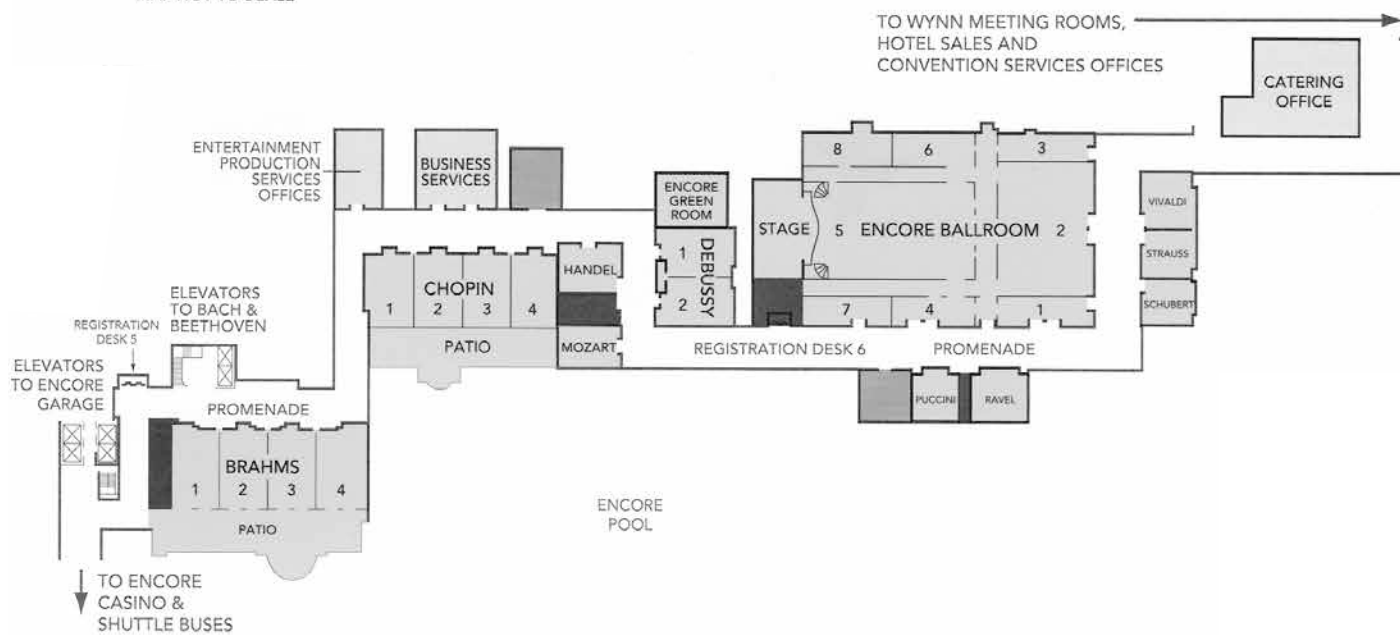
## ADA STATEMENT

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

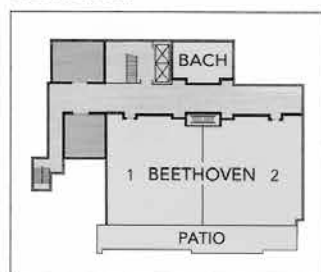
**The programs and talks presented at the 10<sup>th</sup> Annual Academic Surgical Congress are copyrighted products of the Academic Surgical Congress. Any reproduction or rebroadcasting without the express written consent of ASC is strictly prohibited.**

# FLOORPLAN

RESTROOMS  
REGISTRATION  
MAP NOT TO SCALE



## SECOND LEVEL



# MESSAGE FROM THE PRESIDENTS



Dear Guest,

On behalf of the Executive Councils of the Society of University Surgeons (SUS) and the Association for Academic Surgery (AAS), we are delighted to welcome you to the 10<sup>th</sup> annual Academic Surgical Congress (ASC) in exciting Las Vegas!

For those of you who may be unfamiliar with the history of our meeting, the ASC began 10 years ago as little more than an idea – an idea that the world of academic surgery needed a venue for the interchange of ideas and cutting edge research in a format that was collaborative and inclusive.

Prior to our joint meeting, each of our two sister societies met separately at different times in the academic year, and while the content of each of the individual meetings was first rate, the attendance at each meeting was variable. To address this threat to each of our societies, the SUS and the AAS formed a partnership in order to develop a joint meeting with a shared program committee and joint scientific sessions.

Ten years later, it is safe to assert that the results of this effort have been nothing less than spectacular. Attendance at the annual meeting has grown each year, and the quality of the presentations and richness of the content have led the Academic Surgical Congress to be considered as the premiere event for academic surgery in the country. We hope that you will agree with this assessment.

As we welcome you to this year's meeting, we warmly invite you to make the most of your time with us. The program committee – led by Kasper Wang, MD of the SUS and Caprice Greenberg, MD, MPH of the AAS – have developed an outstanding curriculum that covers the entire spectrum of the surgical sciences, from cutting edge bench research to quality outcomes and education based topics.

We also invite you to attend each of the Presidential Sessions, which include talks from icons in the surgical sciences and next generation genetic approaches to surgical care. Finally, and perhaps most importantly, we hope that you will develop new friendships and collaborations, and hope that these new relationships will enhance our shared goals of performing quality research and providing improved patient care.

Warm wishes,



**Timothy Pawlik, MD, MPH, PhD**  
**AAS President**

Professor of Surgery and Oncology  
John L. Cameron M.D. Professor of Alimentary  
Tract Disease  
Chief, Division of Surgical Oncology  
Program Director, Surgical Oncology Fellowship  
Director, Johns Hopkins Medicine Liver Tumor  
Center Multi-Disciplinary Clinic



**David J. Hackam, MD, PhD, FACS**  
**SUS President**

Chief of Pediatric Surgery,  
Johns Hopkins University  
Robert Garrett Professor of Pediatric Surgery,  
Surgeon-in-Chief, Bloomberg Children's Hospital-  
Johns Hopkins Hospital



## CME Worksheet

**CME Worksheet for Academic Surgical Congress 2015 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 3, 2015</b>	<b>Session Time</b>	<b>Credits Available</b>	<b>Hours Attended</b>
Integrated Quick Shot Session 1	7:30AM - 9:30AM	2	
SUS Presidential Address	10:45AM - 11:30AM	0.75	
HOT TOPIC SESSION: "When Do Quality Improvement (QI) Studies Transition Into Human Subjects Research (HSR)? What is the Role of IRB Approval for QI Work?"	11:30AM - 1:00PM	1.5	
ISSUES SESSION: "How to Manage Public Reporting of Outcomes Regarding Transparency and Buy-In on an Individual and Institutional Level"	11:30AM - 1:00PM	1.5	
SUS Presidential Session	1:00PM - 2:30PM	1.5	
SUS Joel J. Roslyn Lecture	2:30PM - 3:00PM	0.5	
British Journal of Surgery Lecture	3:00PM - 3:30PM	0.5	
Basic/Translational Science Plenary	4:00PM - 5:30PM	1.5	
Clinical/Outcomes Research Plenary	4:00PM - 5:30PM	1.5	
	<b>Total Credits Available:</b>	<b>8.25</b>	
<b>Wednesday, February 4, 2015</b>	<b>Session Time</b>	<b>Credits Available</b>	<b>Hours Attended</b>
Integrated Oral Presentation Sessions 1	7:30AM - 9:30AM	2	
AAS Founders Lecture	10:00AM - 10:30AM	0.5	
AAS Presidential Address	10:30AM - 11:30AM	1	
HOT TOPIC SESSION: "Exploring the ROI Outside of R01s"	11:30AM - 1:00PM	1.5	
AWS Luncheon - "How to Negotiate: Tips from Leaders in Surgery"	11:30AM - 1:00PM	1.5	
AAS Presidential Session	1:00PM - 2:30PM	1.5	
Integrated Oral Presentations Session II	2:30PM - 4:30PM	2	
	<b>Total Credits Available:</b>	<b>8.5</b>	
<b>Thursday, February 5, 2015</b>	<b>Session Time</b>	<b>Credits Available</b>	<b>Hours Attended</b>
OUTCOMES PANEL DISCUSSION: "Spectacular Failures and How to Rise from the Ashes"	7:30AM - 9:00AM	1.5	
ETHICS COMMITTEE SESSION: "Surgical Ethics in the Information Age"	7:30AM - 9:00AM	1.5	
GLOBAL SURGERY: "Launching of Disease Control Priorities Third Edition (DCP3)"	10:30AM - 12:00PM	1.5	
Education Plenary	11:00AM - 12:00PM	1	
HOT TOPIC SESSION: "Funding for GME in AMCs – A Proposed Model for the Evolving Health Care Environment"	12:00PM - 1:30PM	1.5	
EDUCATION COMMITTEE SESSION: "Educating the Surgeon in Practice: Coaching, Collaboratives, and Social Media"	12:00PM - 1:30PM	1.5	
Integrated Quick Shot Sessions II	1:30PM - 3:00PM	1.5	
	<b>Total Credits Available:</b>	<b>6</b>	

## CME ACCREDITATION

This activity has been 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.

PESI, Inc. designates this live activity for a maximum of **22.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## 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, 2015. 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



**Timothy Pawlik, MD, MPH, PhD**

Dr. Pawlik received his undergraduate degree from Georgetown University and his medical degree from Tufts University School of Medicine. Dr. Pawlik completed surgical training at the University of Michigan Hospital and spent two years at the Massachusetts General Hospital as a surgical oncology research fellow. He then went on for advanced training in surgical oncology at The University of Texas M. D. Anderson Cancer Center in Houston. Dr. Pawlik's main clinical interests include alimentary tract surgery, with a special interest in hepatic, pancreatic and biliary diseases. Dr. Pawlik also has an interest in medical ethics and completed a fellowship in medical ethics at the Harvard School of Public Health as well as a Masters in Theology from Harvard Divinity School in Boston. In addition, Dr. Pawlik has received a PhD from the Johns Hopkins Bloomberg School of Public Health in Clinical Investigations.

Dr. Pawlik took his first faculty appointment at Johns Hopkins in 2005, where he is currently Professor of Surgery and Oncology, as well as the Director of the Johns Hopkins Liver Tumor Clinic. Dr. Pawlik holds the John L. Cameron Chair of Alimentary Tract Diseases and is Chief of the Division of Surgical Oncology. Dr. Pawlik has given over 250 invited talks both nationally and internationally in over 20 different countries. Dr. Pawlik has published over 400 articles and 40 book chapters, in addition to editing two surgical textbooks. Dr. Pawlik serves on multiple editorial boards including *Annals of Surgery*, *Journal of American College of Surgeons*, and *Journal of Gastrointestinal Surgery*. Dr. Pawlik is an Associate Editor for *Annals of Surgical Oncology* and the *Journal of Surgical Research*, as well as being the editor-in-chief of the *World Journal of Gastroenterology*. Dr. Pawlik has served on the executive council of several of the premier surgical associations in the United States. Dr. Pawlik is a member of a number of professional societies including the Society of Surgical Oncology, the Americas Hepato-Pancreato-Biliary Association, American Surgical Association, Society of Clinical Surgery, as well as being the current President of the Association for Academic Surgery.

### SUS PRESIDENT



**David J. Hackam, MD, PhD, FACS**

Dr. Hackam received his medical degree from the University of Western Ontario in London, Canada, completed surgical training at the University of Toronto, and completed his pediatric fellowship at the University of Pittsburgh and the Children's Hospital of Pittsburgh of UPMC. During residency, Dr. Hackam entered graduate school, and completed a PhD in Cell Biology at the University of Toronto. After completing his training, Dr. Hackam joined the faculty at the University of Pittsburgh in 2002, where he was appointed attending pediatric surgeon and co-director of the Fetal Diagnosis and Treatment Center of UPMC. In 2010, Dr. Hackam was appointed Associate Dean for Medical Student Research at the University of Pittsburgh, and was appointed to the Watson Family Chair in Surgery at the University of Pittsburgh. In addition to membership in the SUS and the AAS, Dr. Hackam has been elected to the American Society of Clinical Investigation, the American Association of Physicians, and the American Surgical Association – the leading academic societies for clinician investigators in the country.

Dr. Hackam's laboratory is focused on understanding the mechanisms regulating injury and repair within the intestinal tract. He has worked extensively on understanding the pathogenesis of necrotizing enterocolitis, which is a major cause of death in premature infants, and has identified novel small molecules which hold promise as therapeutic agents for this disease. Dr. Hackam has also focused on the regulation of intestinal stem cells by the host microbiome, and has applied these findings towards the development of an artificial intestine. Studies on the newborn intestine have expanded towards understanding the interactions between the gut and other organs that are affected in children with this disease.

In September 2014, Dr. Hackam was appointed Garrett Professor of Pediatric Surgery, and Chief of the Division of Pediatric Surgery at Johns Hopkins University, and the Surgeon-in-Chief of the Bloomberg Children's Center of Johns Hopkins Hospital. His entire research team traveled with him to Hopkins, where, along with the Hopkins faculty and his new colleagues, they are focused together on advancing surgical research on behalf of our patients, and on training the next generation of surgical investigators.

# JOEL J. ROSLYN LECTURE



## SUS JOEL J. ROSLYN LECTURER



### **Barbara A. Gaines, MD**

Dr. Gaines has been with Children's Hospital of Pittsburgh since 2000. She is Director of the Benedum Pediatric Trauma and Injury Prevention Programs; she serves as a pediatric surgeon with Children's Hospital of Pittsburgh of UPMC,

(which is a Level I Trauma Center). Dr. Gaines is Principal Investigator of the Injury Prevention Program. She is an Associate Professor of Pediatric Surgery and Clinical Director of Pediatric General and Thoracic Surgery with the University of Pittsburgh School of Medicine. She is triple board certified in pediatric surgery, general surgery and surgical critical care. In addition to her trauma responsibilities, she is also the Program Director for the Pediatric Surgery Training Program, an advanced training program for surgical trainees, and she is actively involved in teaching medical students, surgery residents, and pediatric surgery fellows. Dr. Gaines' academic and community outreach interests include outcomes and quality of life after pediatric injury and prevention of childhood injury.

Dr. Gaines is actively involved in state and national trauma-related organizations, below are a few examples.

- President, Pediatric Trauma Society
- Past-President, Injury-Free Coalition for Kids
- Chair, Ad Hoc Pediatric Committee, AAST
- Member, American College of Surgeons Committee on Trauma

## JOEL J. ROSLYN BIOGRAPHY



Joel J. Roslyn, 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	2008 Jeffrey A. Drebin, MD
2001 Jonathan S. Bromberg, MD	2009 Colleen M. Brophy, MD
2002 Frank W. Sellke, MD	2010 David H. Berger, MD
2003 Kevin J. Tracey, MD	2011 Selwyn M. Vickers, MD
2004 Michael T. Longaker, MD	2012 Karyn L. Butler, MD
2005 Monica M. Bertagnoli, MD	2013 Peter Angelos, MD, PhD
2006 K. Craig Kent, MD	2014 Richard D. Schulick, MD
2007 Stuart J. Knechtle, MD	

## AAS FOUNDERS LECTURER



**Carlos A. Pellegrini, MD, FACS, FRCSI (Hon.)**

The Henry N. Harkins Professor and Chair  
Department of Surgery  
Chair of the Board  
Institute for Simulation and Interprofes-  
sional Studies, University of Washington

Dr. Pellegrini is a world leader in minimally invasive gastro-intestinal surgery and a pioneer in the development of videoendoscopy for the surgical treatment of gastroesophageal reflux disease and esophageal motility disorders, particularly achalasia. He received his M.D. in 1971 from the University of Rosario Medical School in Argentina and then completed a second surgical residency at the University of Chicago. In 1979, he was appointed to the faculty of the University of California San Francisco where he worked as an active gastrointestinal surgeon, researcher and Professor. In 1993 he became Chairman of the Department of Surgery at the University of Washington in Seattle where he developed the Center for Videoendoscopic Surgery, the Center for Esophageal and Gastric Surgery, and the Institute for Simulation and Interprofessional Studies (ISIS). In addition to his role as Department Chair, Dr. Pellegrini serves in many of the top leadership positions at UW and in a host of regional, national and international surgical associations.

Dr. Pellegrini is a current member of the Board of Commissioners of The Joint Commission and the immediate Past President of the American College of Surgeons. He is a past Chair of the Board of Regents of the ACS, and a past President of the American Surgical Association. He participates in the highest leadership roles in regional, national and international surgical societies. His bibliography lists more than 400 articles, chapters, editorials, and books in the field of minimally invasive surgery for upper gastrointestinal diseases, esophageal cancer, and related areas, as well as the fields of surgical education, simulation, professionalism and leadership.

## BRITISH JOURNAL OF SURGERY LECTURER



**Paolo De Coppi, MD**

Paolo De Coppi is the NIHR Professor of Paediatric Surgery and Consultant Paediatric Surgeon at the Great Ormond Street Hospital for Children and the Head of Stem Cells & Regenerative Medicine Section, Developmental Biology & Cancer

Programme at the UCL Institute of Child Health, London, UK. From 2013 he has been an Honorary Professor at the Katholieke Universiteit Leuven, Belgium; from 2009 he has been an Adjunct Assistant Professor at the Wake Forest Institute for Regenerative Medicine, Wake Forest University, Winston-Salem, North Carolina; and from 2005 he has been an Honorary Assistant Professor in paediatric surgery, University of Padua, Italy.

He has focused his research interests on stem cells and tissue engineering by trying to find new modalities for the treatment of complex congenital anomalies. He has identified the possibility of using stem cells from amniotic fluid for therapeutic applications. This finding generated an international patent and garnered the cover story of Nature Biotechnology January 2007. He has more recently focused on developing reliable methods for stem cell isolation, expansion and differentiation at a clinical level (GMP-grade). Finally, in 2010 he was part of the team that performed the first successful transplantation of a tissue-engineered trachea on a child at the Great Ormond Street Hospital.

He has published more than 180 peer-reviewed articles in journals such as *The Lancet*, *Nature Biotechnology*, *PNAS*, *Blood* and *Stem Cells*; supervised more than 30 research fellow and Ph.D. students; and has been awarded various national and international grants. He is on the editorial boards of *Stem Cell Development*, *Journal of Pediatric Surgery*, *Pediatric Surgery International*, and *Fetal and Maternal Medicine Review*. As of 2011 he has been the senior associate editor for *Stem Cell Translational Medicine*.

## Past AAS Founders Lecturers

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

## SUS LIFETIME ACHIEVEMENT AWARD



### Marshall J. Orloff, MD

Marshall J. Orloff, MD has been a member of the UCSD School of Medicine faculty for 45 years. In June 1965, Dr. Orloff accepted the position of Chair of Surgery at UCSD. He was the first faculty member and first departmental chair appointed to

the UCSD School of Medicine and was one of the founders of the medical school. Dr. Orloff received BS, MS, and MD degrees from the University of Illinois, all with high honors, and was a PhD candidate in pharmacology at the University of Colorado. He was the valedictorian of each of the graduating classes of which he was a member. He served an internship at the University of California, San Francisco, and a residency in general surgery and in thoracic surgery at the Hospital of the University of Pennsylvania. He also served research fellowships in pharmacology and in surgery, and was a trainee of the National Cancer Institute. His residency was interrupted by a two-year stint in Germany in the U.S. Army Medical Corps. He has been certified by the American Board of Surgery and the Board of Thoracic Surgery.



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

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:



**Richard Martin, MD –  
Surgeon, Mount Hospital  
Breast Cancer Research Center**

Dr. Martin is the current Chair of the Younger Fellows Committee of the Royal Australasian College of Surgeons (RACS), and Deputy Chair of the Skills Education Committee of RACS. He is a Breast,

Endocrine, & General Surgeon with special interest in Breast Oncology and Oncoplastic Breast Reconstruction.

### Taiwan Surgical Association Visiting Professor:



**Chiun-Sheng Huang, MD, PhD, MPH –  
Professor of Surgery, National Taiwan  
Hospital**

Dr. Chiun-Sheng Huang is a professor of surgery and director of breast center at the National Taiwan University Hospital and the National Taiwan University College of Medicine, Taipei, Taiwan. Dr Huang

obtained his MD and PhD from the National Taiwan University College of Medicine in Taipei, Taiwan, and obtained a Master of Public Health degree from the Harvard School of Public Health.

Dr Huang has dedicated his career to the prevention and treatment of breast cancer. His areas of research include: the use of ultrasound in breast cancer screening; single nucleotide polymorphism as susceptibility and prognostic factor for breast cancer; and development of new regimens and biomarkers using neoadjuvant therapy.

Dr. Huang has been the chief investigator of two clinical trials in Taiwan: a nationwide randomized trial of breast cancer screening using ultrasound and mammography for women aged 40–49; and a multi-center trial of tailored neoadjuvant chemotherapy for breast cancer. He is also a chief investigator of a global randomized trial of active immunotherapy in metastatic breast cancer and acts as a Steering Committee member in three global trials investigating two anti-Her-2 target therapies: afatinib in metastatic setting and T-DM1 in adjuvant and neoadjuvant setting.

### Colombian Surgical Association Visiting Professor:



**Lillian Torregrosa, MD –  
Associate Professor of Surgery,  
Xaveriana University**

Lilian Torregrosa MD (Xaverian University), MA in Bioethics (Xaverian University) Fellow of the American College of Surgeons, is Associate Professor of Surgery and Director Xaveriana University

General Surgery Program, Chief of the Breast Section at San Ignacio Hospital at Xaverian University in Bogotá, Colombia.

She is member of the Colombian Surgical Association Board of Directors, former President and member of the National Ethics and Discipline Court of Colombia and member of several ethics committees at different health institutions in Bogotá.

During the last few years she has actively been part in multi-disciplinary research projects on medical education, ethics, humanities and breast cancer care.

### Surgical Research Society of Australasia:



**Kheng-Seong Ng –  
University of Sydney**

Dr. Ng is an accredited Surgical Registrar training in General Surgery. He resides in Sydney, Australia, and is currently completing a Ph.D. higher degree at the Academic Colorectal Unit, University of Sydney. His research focuses on transla-

tional aspects of bowel dysfunction following hindgut surgery, including exciting clinical and basic science work investigating human hindgut visceral innervation. His research is supported by an NHMRC postgraduate scholarship, Royal Australian College of Surgeons Foundation of Surgery Scholarship, and Australian Postgraduate Award.

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



**Papa Diop Saloum –  
PR of General Surgery,  
Anta Diop University**

Dr. Papa Diop Saloum is a surgeon at the Hospital General Grand Yoff and Pr of general surgery at Anta Diop University of Dakar Sheikh (SENEGAL). It was formed in Dakar and Paris.

His areas of expertise are visceral surgery; mainly the surgery of the digestive tract, liver and biliary tract.

## European Society for Surgical Research (ESSR):



**Brendel Prize Winner  
András Fülöp, MD**

András Fülöp was born and grew up in Hungary. He graduated summa cum laude from Semmelweis University, Faculty of Medicine in 2012. He started his research work in 2009 at the Experimental Surgery and Training Center of Semmelweis

University, investigating the pathological conditions and surgical treatment options of liver ischaemia-reperfusion and associated complications. Presently, he is working as a PhD student at the same institute. His current research topic is the portal vein ligation/embolization and the triggered liver regeneration. He is member of the European Society for Surgical Research, which honored him with the Walter Brendel Award in 2014.

## Mustafa Cikirikcioglu, MD, PhD, FETCS



Médecin Adjoint Agrégé & Privat Docent  
Spécialiste FMH en Chirurgie Cardiaque et  
Vasculaire Thoracique  
Division of Cardiovascular Surgery,  
Department of Surgery  
University Hospitals of Geneva

Dr. Mustafa Cikirikcioglu is a board  
certified cardio-vascular surgeon, and

Associate Professor in Cardio-vascular Surgery.

Dr. Cikirikcioglu graduated as Faculty of Medicine, Trakya University in Edirne- Turkey in 1993. Following his training in General, Cardio-Thoracic and Vascular Surgery at the Faculty of Medicine, Ege University in Izmir - Turkey from 1994 to 2000, Dr. Cikirikcioglu moved to Edirne- Turkey as an Attending Surgeon and Assistant Professor at the Department of Cardiovascular Surgery, Faculty of Medicine, Trakya University. During his stay in this Department between 2000 - 2003, he also completed his PhD education in Human Physiology.

After working between 2003 - 2007, in the Division of Cardio-vascular Surgery, University Hospitals of Geneva, Switzerland as Research then after as Clinical Fellow, he has been posted as Staff Surgeon since 2007 on. He is currently Deputy Head of The Division and Privat Docent in the Faculty of Medicine, University of Geneva.

He has been the President of the European Society for Surgical Research since 2013. Dr. Cikirikcioglu is author of more than 200 scientific articles and he also holds the Associate Editor position of many peer review journals. His main interests are academic medicine, new technologies in surgery, minimal invasive cardiac surgery, and as a main basic research topic: bio-degradable materials in surgery.

He is a sailor and triathlete who completed many competitions including Half-Iron Man distances in triathlon.

## Royal Australasian College of Surgeons (RACS):

### Professor Marc A Gladman, MBBS DRCOG DFFP MRCOG MRCS PhD FRCS (UK) FRACS



Professor of Colorectal Surgery, Sydney  
Medical School, University of Sydney,  
Australia

Head, Colorectal Surgery  
Concord Repatriation General Hospital,  
Sydney, Australia

Director, Enteric Neuroscience & Gastroin-  
testinal Research Group

Anzac Research Institute, University of Sydney, Australia

Marc A Gladman is Professor of Colorectal Surgery at the University of Sydney and Head of the Colorectal Unit at Concord Hospital in Sydney, Australia. He is a graduate of King's College School of Medicine in the UK and completed General Surgical and ObGyn training in London before completing fellowships in Colorectal Surgery in London & Sydney.

Dr. Gladman runs an extremely busy clinical practice specializing in the management of complex colorectal and pelvic floor disorders and is the founder of Sydney Colorectal & Pelvic Floor Centre. He has authored 10 textbooks, including the highly acclaimed "Examination Surgery: A Guide to Passing the FRACS in General Surgery" and "Clinical Cases and OSCEs in Surgery", which has won recognition at the British Medical Association international book awards. Dr. Gladman is the Director of translational enteric neuroscience research at the Anzac Research Institute, University of Sydney where his abiding research interest is the understanding of bowel function in health and disease and the application of such knowledge to improve patient care. He also runs an active research program in surgical outcomes and is conducting the first Statewide studies in New South Wales focused at measuring and improving surgical quality.

Dr. Gladman is the convenor of the 'Developing a Career in Academic Surgery' of the Royal Australasian College of Surgeons (RACS) and he is on the NSQIP Implementation Steering Committee for the ACI, NSW Health. He currently holds leadership positions in several organizations, including the Executive Committee of the Section of Academic Surgery of the RACS and the Surgical Services Taskforce of the Agency for Clinical Innovation. He has served in advisory roles for the National Health Performance Agency and the Cancer Institute of NSW.

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

### **Sceales-Antrobus Prize Winner**

#### **Tanya N. Augustine, MSc**

Tanya Augustine was appointed as an Associate Lecturer in 2007, in the School of Anatomical Sciences, University of the Witwatersrand, Johannesburg. She completed her MSc. (by dissertation) in the field of stem cell biology and in 2010 she was promoted to Lecturer with her areas of teaching expertise including histology and cell biology at both undergraduate and postgraduate level. She has acted in the capacity of course coordinator within the Department and has been a member of various committees at School, Faculty and University level, including being an elected representative of the University Senate. Her PhD (conferred in December 2014) entitled '3-Dimensional reconstruction of the breast tumour microenvironment: mediation of tumour progression by TREG lymphocytes and NK cells', has contributed significantly to the field of tumour immunology which is still in its infancy in South Africa. To this end, she was awarded a Carnegie Large Research Grant and together with funding from the University Research Council, the Wits Health Consortium and the Faculty Research Committee, she has established a primary cell culture laboratory in the School. Her areas of technical expertise include cell culture, flow cytometry, cell sorting, immunocytochemistry and flow cytometry. Her presentation "The immune-mediated cytokine profile of hormone-dependent and hormone-independent breast cancer cell lines in a 3D in vitro system" won the Sceales Antrobus Prize for the best presentation in Breast Cancer Research at the 42nd Meeting of the Surgical Research Society of Southern Africa in June 2014. She is currently collaborating on two separate breast cancer projects (basic science and clinical research) investigating tumour tolerance mechanisms and the induction of thrombotic events.

### **Geoffrey P. Candy PhD**

#### **Associate Professor, Department of Surgery, Faculty of Health Sciences, University of the Witwatersrand, South Africa**



Geoff Candy graduated with a Masters degree in Biochemistry from the University of Natal in Pietermaritzburg (near the east coast of South Africa). After working in industry for 10 years, he joined the Department of Nuclear Medicine at the Johannesburg Hospital and established methods for measuring (& still continues to measure) kidney function for the transplant program and nephrologists. While working in the Department of Cardiology at the Chris Hani Baragwanath Hospital in Soweto and completed his PhD investigating the genetics of hypertension in African patients.

In 2003 he obtained a position running the research in Surgery at the University of the Witwatersrand in Johannesburg. He assists some 80 surgical trainees complete the research component of their Master of Medicine (MMed) degrees – protocols, ethics, statistical data analysis, review, etc. Within Faculty he is a member of the Post-Graduate, Animal Ethics Committees and chairperson of the Colorectal Cancer Working Group and has helped set up Research & Statistical Methods courses aimed at MMed candidates. Nationally, he was Secretary/Treasurer and is presently the Treasurer for the Surgical Research Society of Southern Africa.

His primary interest is determining factors affecting the concentration of the nitric oxide precursor arginine. He has also supervised PhD candidates in wound healing and Tanya Augustine's PhD investigating how tumours subvert the immune system in breast cancer. He is author on some 45 publications.

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

### **Patey Prize Winner**

#### **Jason Ali MA MB BChir FHEA MRCS**



Wellcome Trust Clinical Research Training Fellow  
Academic Clinical Fellow in Surgery, Addenbrookes Hospital, Cambridge  
Director of Studies and Teaching  
By-Fellow in Medicine, Churchill College, Cambridge

Dr. Ali is an Academic Clinical Fellow in transplant surgery in Cambridge, UK. He is currently undertaking a PhD at the University of Cambridge in the field of transplant immunology. His work involves examining T cell responses and the role of regulatory T cells as an immunomodulatory therapy, using a murine model of cardiac transplantation.

## **Japan Surgical Society (JSS):**

### **JSS Abstract Winner**

#### **Takanori Ochiai, MD, PhD**



Dr. Takanori Ochiai completed his residency in Surgery and Anesthesia at the Graduate School of Medicine, Tokyo Medical and Dental University, Tokyo. He has been a surgical staff member at Ohta Nishinouchi General Hospital, Tsuchiura Kyodo Hospital, Tokyo Metropolitan Ohkubo Hospital, and Tokyo Medical and

Dental University Hospital. Dr. Ochiai was a Research Fellow in 2003 in the Transplantation Unit, Department of Surgery, Massachusetts General Hospital, at Harvard Medical School. In 2007, he was named the Chief of the Department of Surgery at Ohta Nishinouchi General Hospital and from 2011 has been an Assistant Professor in the Department Hepato-Biliary-Pancreatic Surgery at Tokyo Medical and Dental University Hospital. Dr. Ochiai is a certified surgical specialist and instructor for the Japan Surgical Society, and an instructor of HPB Surgery as certified by the Japanese Society of Hepato-Biliary-Pancreatic Surgery. Dr. Ochiai also holds a Specialist of Gastroenterological Surgery certified from the Japanese Society of Gastroenterological Surgery.

## PROGRAM CHAIRS

### AAS RECORDER



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

Dr. Greenberg is a board-certified general surgeon with advanced training in surgical oncology and a health services researcher focused on improving patient safety and quality of care. She attended the University of Chicago for her undergraduate studies and medical school. She completed a general surgery residency at Brigham and Women's Hospital in Boston as well as a surgical oncology fellowship at the Harvard Partners-Dana Farber Cancer Center. She also completed a research fellowship while earning a masters degree in public health from the Harvard School of Public Health. She then joined the faculty at Brigham and Women's Hospital and Harvard Medical School in 2007, where she held several leadership positions in the Center for Surgery and Public Health. She was recruited to the University of Wisconsin-Madison in 2011 to create the Wisconsin Surgical Outcomes Research (WiSOR) Program of which she is the Director and is the inaugural recipient of the endowed WARF Professor of Surgical Research. Dr. Greenberg studies comparative effectiveness and quality in cancer care, particularly related to breast cancer. Her research program also aims to understand and improve system, team and individual performance in the operating room. Her research has been funded by PCORI, NCI, AHRQ and numerous foundations. Dr. Greenberg is an expert in the field of surgical outcomes research and founding member and Past President of the Surgical Outcomes Club. She has also played a major role in the development of the Cancer Care Delivery Research initiatives of the Alliance for Clinical Trials in Oncology.

### SUS PUBLICATIONS CHAIR



**Kasper Wang MD, FACS, FAAP**

Kasper Wang, MD, FACS, FAAP, is an Associate Professor of Surgery at the University of Southern California, as well as an Attending Surgeon at Children's Hospital Los Angeles.

Dr. Wang earned his bachelor's degree from the Johns Hopkins University and his medical degree from the Johns Hopkins University School of Medicine. He completed his general surgery residency at Stanford University Hospital and his pediatric surgery fellowship at Children's Hospital Los Angeles.

Dr. Wang's main clinical interests are in minimally invasive surgery of the chest and abdomen, head and neck tumors of infants and children, and hepatobiliary disease of infants and children. His research interest is in the role of liver stem cells and progenitor cells in diseases such as biliary atresia for which he has received grants from the National Institutes of Health and the American College of Surgeons.

Dr. Wang has co-authored numerous articles for peer-reviewed publications, including *Hepatology*, *Annals of Surgery*, *Journal of the American Medical Association*, *Journal of Hepatology*, *American Journal of Physiology*, *Journal of Cellular Physiology*, *Shock*, *Developmental Dynamics*, *Developmental Biology*, and *Journal of Pediatric Surgery*. He has co-authored a number of chapters in textbooks such as *Tissue Engineering and Regenerative Medicine* and *Schwartz's Principles of Surgery*.

## FUTURE MEETING – SAVE THE DATE!

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

**Date: February 2 - 4, 2016**

**Location: Hyatt Regency Jacksonville Riverfront**

**City: Jacksonville, FL**

# 10 x 10



Ten years ago the first Academic Surgical Congress (ASC) was held in San Diego, California. Since that first meeting The Association for Academic Surgery and the Society of University Surgeons have jointly educated thousands of surgeons at every stage of their careers. We have established a proud tradition of providing education to help academic surgeons advance in their careers.

**In recognition of all we have accomplished together  
the ASC is creating a new career development award –  
the 10 x 10 Career Development Traveling Fellowship.**

The purpose of this traveling fellowship is to provide a member of the AAS or SUS the opportunity to visit a scholar or clinician at another institution for one week. The goal of the fellowship is to promote interaction and learning among surgeons in different academic practices in the United States. The traveling fellow is expected to observe procedures in the operating room, participate in relevant research activities, and attend host institution conferences at the institution of his/her choosing for one week.

**Join us by making a pledge of \$10, \$100 or \$1000 –  
that \$1, \$10 or \$100 for each year of the ASC**

Please add your gift to those from your fellow members and leaders to create this new award. Help us expand on the tradition we have created these past ten years with your gift to the 10 x 10 campaign today.

Please make your gift to the ASC 10 x 10 campaign today.  
You can make you gift through the meeting app, via the website, or  
at the registration desk with a credit card, check or cash donation.

**Your gift will provide new opportunity  
to a deserving academic surgeon**

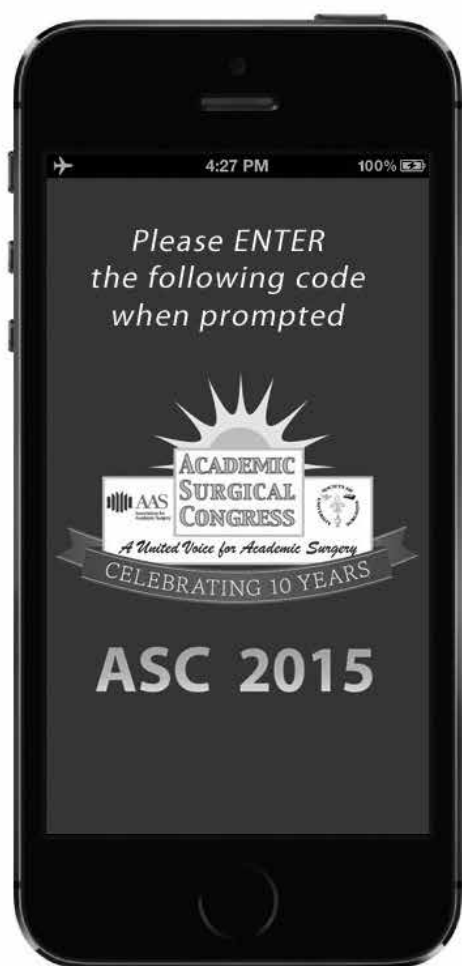
*Many thanks to Dr. Max Schmidt who has generously pledged to match  
donations to the 10 x 10 campaign with a personal gift of up to \$10,000.*



## HIGHLIGHTS FOR ATTENDEES INTERESTED IN BASIC SCIENCE, OUTCOMES, EDUCATION, GLOBAL HEALTH, AND GENERAL INTEREST



The 2015 Academic Surgical Congress has something for everyone! In addition to numerous sessions that will appeal to all academic surgeons, there has been an effort in recent years to diversify the program to create forums for scientific exchange and networking specific to basic science, outcomes research, education and global health, including plenary sessions for each of these research areas. There is also an extensive and diverse program of original scientific research with numerous sessions dedicated to basic science, outcomes, education research and global health. Be sure to use the Meeting App to sort by your area of interest!



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## SCHEDULE-AT-A-GLANCE

### MONDAY, FEBRUARY 2, 2015

TIME	Event	Location
1:00 PM - 2:00 PM	AAS Executive Committee Lunch	Puccini
1:30 PM - 3:00 PM	SUS Foundation Board Meeting	Schubert
2:00 PM - 3:00 PM	AAS Foundation Meeting	Ravel
3:00 PM - 6:30 PM	AAS Executive Council Meeting	Beethoven 2
3:00 PM - 6:00 PM	SUS Executive Council Meeting	Beethoven 1
6:30 PM - 7:00 PM	AAS Nominating Committee Meeting	Ravel
7:00PM - 9:30PM	Joint Council Dinner	Tableau Restaurant in the Wynn Hotel (Invite Only)

### TUESDAY, FEBRUARY 3, 2015

6:00 AM - 8:00 AM	Continental Breakfast	Encore Foyer
6:00 AM - 7:15 AM	AAS Publications Committee Meeting	Bach
8:30 AM - 9:30 AM	AAS Education Committee Meeting	Bach
10:30 AM - 12:00 PM	AAS Leadership Committee Meeting	Puccini
3:30 PM - 4:30 PM	AAS Issues Committee Meeting	Puccini
6:30 AM - 7:30 AM	AAS New Member Breakfast (Invite Only)	Chopin Patio
7:00 AM - 10:00 AM	AAS Grant Interviews	Puccini and Ravel
7:30 AM - 9:30 AM	Integrated Quick Shot Session I:	
	Basic/Translation: Cancer Biology	Beethoven 1
	Basic/Translation: Cancer Biology 2	Beethoven 2
	Basic/Translation: Experimental Therapeutics	Brahms 1
	Basic/Translation: Ischemia/Reperfusion/Injury Response	Brahms 2
	Basic/Translation: Developmental Biology, Regenerative Medicine, & Tissue Engineering	Brahms 3
	Outcomes: Clinical Research - General Surgery 1	Brahms 4
	Outcomes: Clinical Research - Oncology	Chopin 1
	Outcomes: Clinical Research - Pediatrics 1	Chopin 2
	Outcomes: Clinical Research - Trauma / Critical Care 1	Chopin 3
	Outcomes: Clinical Research - Trauma / Critical Care 2	Chopin 4
	Outcomes: CER/PCOR - General Surgery	Debussy 1
	Outcomes: CER/PCOR - Pediatrics	Debussy 2
	Outcomes: Cost Effectiveness and Clinical Pediatrics	Encore 1
	Outcomes: Global Surgery	Encore 3
	Outcomes: Health Policy / Healthcare Delivery	Handel
	Outcomes: Quality of Care 1	Schubert
	Outcomes: Health Policy / Healthcare Delivery And Informatics	Strauss
	Education: Simulation and Skills Training	Vivaldi
9:30 AM - 4:30 PM	Exhibit Hall Open	Encore 2
9:30 AM - 10:00 AM	Morning Break in Exhibit Area	Encore 2
10:00 AM - 10:15 AM	Opening Comments	Encore 4-8
10:15 AM - 10:45 AM	SUS Lifetime Achievement Award	Encore 4-8
10:45 AM - 11:30 AM	SUS Presidential Address: "The Dawn of the Third Surgical Renaissance"	Encore 4-8
11:30 AM - 1:00 PM	Conference Lunch OR	Encore 2 or Chopin Patio
11:30 AM - 1:00 PM	HOT TOPIC SESSION: "When do Quality Improvement (QI) Studies Transition Into Human Subjects Research (HSR)? What is the Role of IRB Approval for QI Work?" OR	Beethoven 1
11:30 AM - 1:00 PM	ISSUES COMMITTEE SESSION (Debate Format): "How to Manage Public Reporting of Outcomes Regarding Transparency and Buy-In on an Individual and Institutional Level"	Beethoven 2
12:00 PM - 1:00 PM	SUS Nominating Committee Meeting	Ravel
1:00 PM - 2:30 PM	SUS Presidential Session: "Personalized Surgery-Genomics and Immunotherapy for Surgical Diseases"	Encore 4-8
2:30 PM - 3:00 PM	SUS Joel J. Roslyn Lecture: "Serendipity, Academic Medicine, and Pediatric Trauma... A Personal Story"	Encore 4-8
3:00 PM - 3:30 PM	British Journal of Surgery Lecture: "The Need for Engineering: Designing Regenerative Surgery"	Encore 4-8
3:30 PM - 4:00 PM	Afternoon Break in Exhibit Area	Encore 2
4:00 PM - 5:30 PM	Basic / Translational Science Plenary	Brahms 1- 4
4:00 PM - 5:30 PM	Clinical / Outcomes Research Plenary	Encore 4 - 8
5:30 PM - 6:30 PM	SUS Business Meeting	Beethoven 1
5:30 PM - 6:30 PM	Medical Student Quick Shot Session	Chopin 2
5:30 PM - 6:30 PM	Resident/Fellow Student Quick Shot Session	Chopin 3
6:30 PM - 7:30 PM	Opening Exhibit Reception in Exhibit Hall	Encore 2

### WEDNESDAY, FEBRUARY 4, 2015

Time	Event	Location
6:00 AM - 8:00 AM	Continental Breakfast	Encore Foyer
6:30 AM - 7:30 AM	AAS Student/Mentor Breakfast	Chopin Patio
7:00 AM - 7:30 AM	SUS New Members Breakfast (Invite Only)	Brahms Patio
7:30 AM - 9:00 AM	AAS IT Committee Meeting	Puccini
8:00 AM - 9:00 AM	AAS Ethics Committee Meeting	Bach

# SCHEDULE-AT-A-GLANCE (continued)

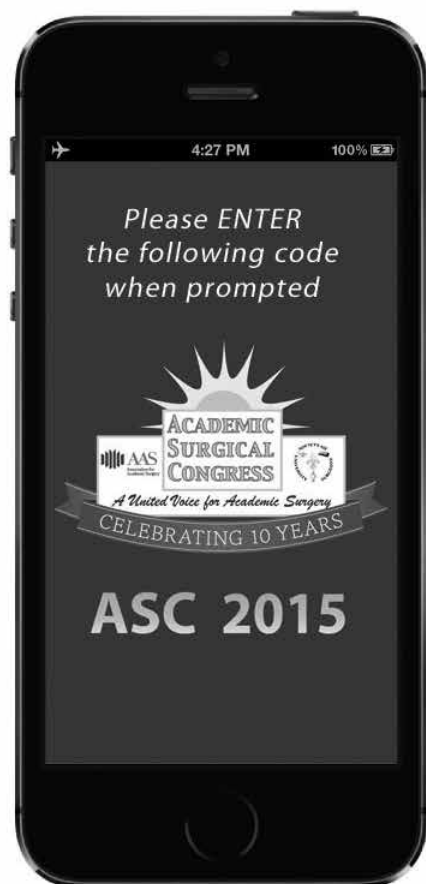


<b>WEDNESDAY, FEBRUARY 4, 2015 (CONTINUED)</b>		
<b>TIME</b>	<b>Event</b>	<b>Location</b>
7:30 AM - 9:30 AM	<b>Integrated Oral Presentation Sessions I</b>	
	Basic/Translation: Cancer Biology	Beethoven 1
	Basic/Translation: Experimental Therapeutics	Beethoven 2
	Basic/Translation: Ischemia/Reperfusion/Injury response	Brahms 1
	Basic/Translation: Wound Healing & Fibrosis	Brahms 2
	Basic/Translation: Novel And Emerging Therapeutics	Strauss
	Clinical/Outcomes: Clinical Research - General Surgery 1	Vivaldi
	Clinical/Outcomes: Clinical Research - General Surgery 2	Brahms 3
	Clinical/Outcomes: Clinical Research - Oncology 1	Brahms 4
	Clinical/Outcomes: Clinical Research - Trauma/Critical Care 1	Chopin 1
	Clinical/Outcomes: Clinical Research - Oncology And Pediatrics	Chopin 2
	Clinical/Outcomes: Clinical Trials / Clinical Research	Chopin 3
	Clinical/Outcomes: CER/PCOR - Oncology	Chopin 4
	Clinical/Outcomes: CER/PCOR - Trauma/Critical Care	Debussy 1
	Clinical/Outcomes: Cost Effectiveness	Debussy 2
	Clinical/Outcomes: Ethics/Global Surgery	Encore 1
	Clinical/Outcomes: Health Policy/Healthcare Delivery - Oncology	Encore 3
	Clinical/Outcomes: Quality of Care - General Surgery	Handel
	Education: Resident Education	Schubert
9:30 AM - 4:30 PM	<b>Exhibit Hall Open</b>	Encore 2
9:30 AM - 10:00 AM	<b>Morning Break in Exhibit Area</b>	Encore 2
10:00 AM - 10:30 AM	<b>AAS Founders Lecture: "Leadership, Personal Development and Growth – The Life of an Academic Surgeon"</b>	Encore 4-8
10:30 AM - 11:30 AM	<b>AAS Presidential Address: "Defining Success in Academic Surgery: What is Your Impact Factor?"</b>	Encore 4-8
11:30 AM - 1:00 PM	<b>Conference Lunch</b> <b>OR</b>	Encore 2 or Chopin Patio
11:30 AM - 1:00 PM	<b>Hot Topic Session: "Exploring the ROI Outside of R01s"</b> <b>OR</b>	Beethoven 1
11:30 AM - 1:00 PM	<b>AWS Luncheon: "How to Negotiate: Tips from Leaders in Surgery"</b>	Beethoven 2
1:00 PM - 2:30 PM	<b>AAS Presidential Session: "Profiles in Leadership: Lessons Learned from Lives Lived"</b>	Encore 4-8
2:30 PM - 4:30 PM	<b>Integrated Oral Presentation Sessions II</b>	
	Basic/Translation: Developmental Biology, Regenerative Medicine, & Tissue Engineering	Beethoven 1
	Basic/Translation: Immunology/Transplantation	Beethoven 2
	Basic/Translation: Ischemia/Reperfusion/Injury response	Brahms 1
	Basic/Translation: Endothelial & Cardiovascular Biology	Brahms 2
	Clinical/Outcomes: Clinical Research - General Surgery 3	Brahms 3
	Clinical/Outcomes: Clinical Research - Oncology 2	Brahms 4
	Clinical/Outcomes: Clinical Research - Trauma/Critical Care 2	Chopin 1
	Clinical/Outcomes: Clinical Research - Multiple Specialties	Chopin 2
	Clinical/Outcomes: CER/PCOR - General Surgery	Chopin 3
	Clinical/Outcomes: CER/PCOR - Trauma/Critical Care 2	Chopin 4
	Clinical/Outcomes: CER/PCOR - Multiple Specialties	Debussy 1
	Clinical/Outcomes: Health Disparities	Debussy 2
	Clinical/Outcomes: Health Policy/Healthcare Delivery - General Surgery	Encore 1
	Clinical/Outcomes: Health Policy/Healthcare Delivery - Multiple Specialties	Encore 3
	Clinical/Outcomes: Quality Of Care - Multiple Specialties	Handel
	Education: Simulation and Skills Training	Schubert
3:30 PM - 4:30 PM	<b>Afternoon Break in Exhibit Area</b>	Encore 2
4:30 PM - 5:30 PM	<b>SUS New Member Poster Session</b> <b>OR</b>	Encore Foyer
4:30 PM - 5:30 PM	<b>Resident/Student Meet the AAS Leadership Reception</b>	Chopin Patio
5:30 PM - 7:00 PM	<b>AAS Business Meeting</b> <b>OR</b>	Beethoven 1
5:30 PM - 7:00 PM	<b>ASC 10<sup>th</sup> Anniversary Cocktail Hour in Exhibit Hall</b>	Encore 2
7:00 PM - 10:00 PM	<b>10<sup>th</sup> Anniversary Event</b>	Margaux Ballroom at the Wynn
10:00 PM - 12:00 AM	<b>Presidential Reception</b>	Brahms 1, 2 and Patio
<b>THURSDAY, FEBRUARY 5, 2015</b>		
<b>Time</b>	<b>Event</b>	<b>Location</b>
6:00 AM - 8:00 AM	<b>Continental Breakfast</b>	Encore Foyer
6:30 AM - 7:30 AM	<b>AAS Program Committee Meeting</b>	Ravel
6:30 AM - 7:30 AM	<b>AAS Institutional Representative Breakfast (Invite Only)</b>	Brahms 1
7:00 AM - 8:30 AM	<b>AAS Global Affairs Committee Meeting</b>	Puccini
7:30 AM - 9:00 AM	<b>OUTCOMES PANEL DISCUSSION: "Spectacular Failures and How to Rise from the Ashes"</b>	Encore 5
7:30 AM - 9:00 AM	<b>ETHICS COMMITTEE SESSION: "Surgical Ethics in the Information Age"</b>	Chopin 1- 4
9:30 AM - 1:30 PM	<b>Exhibit Hall Open</b>	Encore 2

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

### THURSDAY, FEBRUARY 5, 2015 (CONTINUED)

Time	Event	Location
9:30 AM - 10:00 AM	Morning Break in Exhibit Area	Encore 2
9:00 AM - 10:30 AM	AAS and SUS Research Awards	Beethoven 1 - 2
10:30 AM - 12:00 PM	GLOBAL SURGERY: "Launching of Disease Control Priorities Third Edition (DCP3)"	Encore 5
11:00 AM - 12:00 PM	Education Plenary Session	Chopin 1 - 4
12:00 PM - 1:30 PM	Conference Lunch OR	Encore 2 or Chopin Patio
12:00 PM - 1:30 PM	EDUCATION COMMITTEE SESSION: "Educating the Surgeon in Practice: Coaching, Collaboratives, and Social Media" OR	Beethoven 2
12:00 PM - 1:30 PM	HOT TOPIC SESSION: "Funding for GME in AMCs – A Proposed Model for the Evolving Health Care Environment"	Beethoven 1
1:30PM - 3:00PM	Integrated Quick Shot Sessions II	
	Basic/Translation: Cancer Biology 3	Encore 4
	Basic/Translation: Wound Healing & Fibrosis	Encore 6
	Basic/Translation: Endothelial & Cardiovascular Biology	Brahms 1
	Basic/Translation: Growth Factors/Receptors/Signal Transduction	Brahms 2
	Basic/Translation: Immunology/Transplant and Ischemia/Reperfusion	Brahms 3
	Basic and Clinical: Novel Therapeutics and Global Surgery	Encore 7
	Outcomes: Clinical Research - General Surgery 2	Encore 8
	Outcomes: Clinical Research - Cardiothoracic	Brahms 4
	Outcomes: Clinical Research - Transplant And Vascular	Chopin 1
	Outcomes: Clinical Research - Pediatrics 2	Chopin 2
	Outcomes: Clinical Research - Trauma / Critical Care 3	Chopin 3
	Outcomes: Clinical Research - Breast And Endocrine	Chopin 4
	Outcomes: CER/PCOR - Cardiothoracic And Oncology	Debussy 1
	Outcomes: CER/PCOR - Multiple Specialties	Debussy 2
	Outcomes: Disparities	Encore 1
	Outcomes: Global Surgery And Disparities	Encore 3
	Outcomes: Quality of Care 2	Handel
	Outcomes: Patient Safety	Schubert
	Education: Resident Education	Strauss
	Education: Medical Student Education	Vivaldi



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6:30AM - 7:30AM	<b>AAS New Member Breakfast: Invitation Only</b>	CHOPIN PATIO
6:00AM - 8:00AM	<b>Continental Breakfast</b>	ENCORE FOYER
7:00AM - 10:00AM	<b>AAS Grant Interviews</b>	PUCCINI AND RAVEL
7:30AM - 9:30AM	<b>Integrated Quick Shot Session I</b>	

### BASIC/TRANSLATION: CANCER BIOLOGY I

BEETHOVEN 1

**MODERATORS: Joseph Kim, MD & Julie E. Lang, MD**

- 1.01. PRINS, a long non-coding RNA is a marker of recurrence for adrenocortical cancer.** A. R. Glover<sup>1</sup>, J. Zhao<sup>1</sup>, J. Ip<sup>1</sup>, J. Lee<sup>1</sup>, B. Robinson<sup>1</sup>, A. Gill<sup>1</sup>, P. Soon<sup>1</sup>, S. Sidhu<sup>1</sup> <sup>1</sup>Kolling Institute Of Medical Research, Royal North Shore Hospital, University Of Sydney, Sydney, NSW, Australia.
- 1.02. Characterization of Anticancer Properties of a Novel HDAC Inhibitor in Carcinoid Cancer Cells.** A. D. Harrison<sup>1</sup>, R. Jaskula-Sztul<sup>1</sup>, R. Nair<sup>1</sup>, A. Dammalapati<sup>1</sup>, G. Winston-McPherson<sup>2</sup>, C. M. Schienebeck<sup>2</sup>, K. Kupcho<sup>3</sup>, M. Robers<sup>3</sup>, W. Tang<sup>2</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Pharmacy, Madison, WI, USA<sup>3</sup>Promega, Madison, WI, USA.
- 1.03. Characterization of Histone Deacetylase Inhibitor Resistance in Metastatic Thyroid Cancer Cells.** I. Lou<sup>1</sup>, X. Yu<sup>1</sup>, S. Jang<sup>1</sup>, A. Harrison<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Wisconsin, Endocrine Surgery, Madison, WI, USA.
- 1.04. The Novel PARP Inhibitor ABT-888 Enhances Dacarbazine Induced Cytotoxicity in Carcinoids in vitro.** Y. R. Somnay<sup>1</sup>, S. Lubner<sup>2</sup>, H. Gill<sup>1</sup>, B. Matsumura<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Wisconsin, Endocrine Surgery Research Laboratories, Department Of Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Human Oncology, Madison, WI, USA.
- 1.05. MicroRNA-21 Regulates Melanoma Invasion via Inhibition of Tissue Inhibitor of Metalloproteinases-3.** N. Latchana<sup>3</sup>, S. Martin Del Campo<sup>3</sup>, V. Grignol<sup>3</sup>, K. Levine<sup>3</sup>, E. Fairchild<sup>6</sup>, A. Ganju<sup>3</sup>, C. Jaime-Ramirez<sup>3</sup>, T. Dao<sup>3</sup>, V. Karpa<sup>3</sup>, M. Carson<sup>3</sup>, A. Chan<sup>5</sup>, W. Carson<sup>3</sup> <sup>3</sup>Ohio State University, Columbus, OH, USA<sup>5</sup>Wright State University, Dayton, OH, USA<sup>6</sup>Nationwide Children's Hospital, Columbus, OH, USA.
- 1.06. Suppression of CXCL10/CXCR3 Switches Polymetastatic Phenotype to Oligo- in a Melanoma Mouse Model.** S. C. Wightman<sup>1</sup>, A. Uppal<sup>1</sup>, G. Oshima<sup>1</sup>, X. Huang<sup>1</sup>, S. Ganai<sup>2</sup>, N. N. Khodarev<sup>1</sup>, M. C. Posner<sup>1</sup>, R. R. Weichselbaum<sup>1</sup> <sup>1</sup>University Of Chicago, Chicago, ILLINOIS, USA<sup>2</sup>Southern Illinois University, Carbondale, ILLINOIS, USA.
- 1.07. CDK4/6 inhibitor, PD-0332991 Synchronizes Sarcoma Cells for Synergistic Demise with WEE1 Inhibitor, MK-1775.** A. M. Francis<sup>1</sup>, A. Alexander<sup>2</sup>, J. P. Carey<sup>2</sup>, V. Ravi<sup>3</sup>, K. Keyomarsi<sup>2</sup>, K. K. Hunt<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, Experimental Radiation Oncology, Houston, TX, USA<sup>3</sup>University Of Texas MD Anderson Cancer Center, Sarcoma Medical Oncology, Houston, TX, USA.
- 1.08. GPR40 as a therapeutic target in melanoma and neural crest-derived tumors.** M. I. Chang<sup>1,2</sup>, P. Nandivada<sup>1,2</sup>, S. J. Carlson<sup>1,2</sup>, A. Pan<sup>1,2</sup>, M. Puder<sup>1,2</sup> <sup>1</sup>Boston Children's Hospital, Surgery, Boston, MA, USA<sup>2</sup>Boston Children's Hospital, Vascular Biology Program, Boston, MA, USA.
- 1.09. Notch2 Has an Opposing Role to Other Notch Isoforms in Neuroendocrine Tumors.** T. V. Do<sup>1</sup>, A. Dammalapati<sup>1</sup>, A. Hundal<sup>1</sup>, H. Jin<sup>1</sup>, R. Jaskula-Sztul<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>Department Of Surgery, Madison, WI, USA.
- 1.10. Cdk5/p25 Regulates Notch1 and Notch2 Intracellular Domains in Medullary Thyroid Carcinoma.** S. K. Odorico<sup>1</sup>, X. Yu<sup>1</sup>, A. Dammalapati<sup>1</sup>, A. Harrison<sup>1</sup>, A. Hundal<sup>1</sup>, J. A. Bibb<sup>2</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA<sup>2</sup>University Of Texas Southwestern Medical Center, Department Of Psychiatry, Dallas, TX, USA.
- 1.11. Association of Rosacea and Angiosarcoma/Lymphangiosarcoma (AS/LAS).** S. P. Olsen<sup>1</sup>, M. C. Perez<sup>2</sup>, A. M. Priddy<sup>1</sup>, E. S. Armbricht<sup>1</sup>, A. K. Behera<sup>1</sup>, S. W. Fosko<sup>1</sup>, N. G. Zeitouni<sup>3</sup>, D. E. Winstead<sup>4</sup>, F. E. Johnson<sup>1</sup> <sup>1</sup>Saint Louis University School Of Medicine, St. Louis, MO, USA<sup>2</sup>Moffitt Cancer Center And Research Institute, Surgery, Tampa, FL, USA<sup>3</sup>Roswell Park Cancer Institute, Dermatology, Buffalo, NY, USA<sup>4</sup>Sarcoma Foundation Of America, Burlington, NC, USA.
- 1.13. Exosomal miRNA Mediated Inter Cellular Communication of Thyroid Cells.** J. C. Lee<sup>1,2</sup>, J. T. Zhao<sup>1</sup>, L. Bach<sup>2</sup>, J. Ip<sup>1</sup>, J. Gundara<sup>1</sup>, A. Glover<sup>1</sup>, J. Serpell<sup>3</sup>, S. Sidhu<sup>1</sup> <sup>1</sup>University Of Sydney, Kolling Institute Of Medical Research, Sydney, NSW, Australia<sup>2</sup>Monash University, Melbourne, VIC, Australia<sup>3</sup>The Alfred Hospital, Department Of Surgery, Melbourne, VIC, Australia.
- 1.14. Targeting Sirtuins Blocks Neuroblastoma Cell Proliferation And Induces Differentiation.** E. J. Rellinger<sup>1</sup>, H. Song<sup>2</sup>, S. Park<sup>2</sup>, P. Paul<sup>1</sup>, B. T. Craig<sup>1</sup>, J. Qiao<sup>1</sup>, V. Athanasios<sup>2</sup>, D. R. Gius<sup>2</sup>, D. H. Chung<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA<sup>2</sup>Northwestern University, Radiation Oncology, Chicago, IL, USA.
- 1.15. Establishment of an Orthotopic Xenograft Model of Metastatic Neuroblastoma Using Ultrasound Guidance.** R. Van Noord<sup>1</sup>, D. Bashllari<sup>1</sup>, M. Hoenerhoff<sup>1</sup>, E. A. Newman<sup>1</sup> <sup>1</sup>University Of Michigan, Pediatric Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan, In Vivo Animal Core, Pathology Core, Ann Arbor, MI, USA.
- 1.16. Valinomycin Has Anti-tumor Activity Against Neuroblastoma Cell Lines Through Down-regulation of MYCN.** R. B. Interiano<sup>1,2</sup>, J. Yang<sup>1</sup>, D. Hu<sup>1</sup>, N. Hinkle<sup>1,2</sup>, C. Morton<sup>1</sup>, A. M. Davidoff<sup>1,2</sup> <sup>1</sup>St. Jude Children's Research Hospital, Surgery, Memphis, TN, USA<sup>2</sup>University Of Tennessee Health Science Center, Surgery, Memphis, TN, USA.
- 1.17. A Role For MicroRNA-21 And Long Non-Coding RNA GAS5 In MYCN Amplified Neuroblastoma.** C. Courtney<sup>2</sup>, J. Hu<sup>3</sup>, J. Xu<sup>3</sup>, K. Liechty<sup>3</sup>, R. C. Burns<sup>2</sup>, T. Westmoreland<sup>2</sup> <sup>2</sup>Nemours Children's Hospital, University Of Central FL, General Surgery, Orlando, FL, USA<sup>3</sup>Children's Hospital Colorado, General Surgery, Aurora, CO, USA.
- 1.18. Automated Classification of Glioblastoma Margins in Label-Free SRS Microscopy Images.** S. B. Lewis<sup>2</sup>, M. Ji<sup>3</sup>, X. S. Xie<sup>3</sup>, D. A. Orringer<sup>1</sup> <sup>3</sup>Harvard University, Department Of Chemistry And Chemical Biology, Cambridge, MA, USA<sup>1</sup>University Of Michigan Health System, Neurosurgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan Medical School, Ann Arbor, MI, USA.
- 1.19. ALDH marks a population of canine cancer stem cells which are preferentially targeted by dog NK cells.** R. J. Canter<sup>5,6</sup>, E. Ames<sup>5</sup>, S. Mac<sup>6</sup>, S. Grossenbacher<sup>6</sup>, M. Kent<sup>3</sup>, W. Culp<sup>3</sup>, M. Chen<sup>4</sup>, W. J. Murphy<sup>6</sup> <sup>3</sup>UC Davis School Of Veterinary Medicine, Surgical And Radiological Sciences, Davis, CA, USA<sup>4</sup>University Of California - Davis, Pathology And Laboratory Medicine, Sacramento, CA, USA<sup>5</sup>University Of California - Davis, Surgery/Surgical Oncology, Sacramento, CA, USA<sup>6</sup>University Of California - Davis, Laboratory Of Cancer Immunology, Sacramento, CA, USA.
- 1.20. Gene silencing of SphK1 with nanoparticles as an innovative approach against cancer progression.** I. Woelfel<sup>1</sup>, K. P. Terracina<sup>3</sup>, S. Lima<sup>5</sup>, C. Oyeniran<sup>5</sup>, J. Newton<sup>5</sup>, H. Aoki<sup>3</sup>, D. Avni<sup>5</sup>, P. Mukhopadhyay<sup>3</sup>, N. Hait<sup>5</sup>, A. Raza<sup>3</sup>, X. Wu<sup>4</sup>, H. Yamamoto<sup>4</sup>, S. Spiegel<sup>5</sup>, K. Takabe<sup>2,3,5</sup> <sup>1</sup>Virginia Commonwealth University, School Of Medicine, Richmond, VA, USA<sup>2</sup>VCU Massey Cancer Center, Richmond, VA, USA<sup>3</sup>Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA<sup>4</sup>Osaka University, Suita, Osaka, Japan<sup>5</sup>Virginia Commonwealth University, Department Of Biochemistry And Molecular Biology, Richmond, VA, USA.

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### BASIC/TRANSLATION: CANCER BIOLOGY 2

BEETHOVEN 2

**MODERATORS: Julia Tchou, MD, PhD & Jose G. Trevino, MD**

**2.01. Circulating DNA increases in response to neoadjuvant chemoradiation therapy for pancreatic cancer.** I. A. Naqvi<sup>1</sup>, R. Gunaratne<sup>1</sup>, D. Pisetsky<sup>2</sup>, R. R. White<sup>1</sup> <sup>1</sup>Duke University Medical Center, Surgery, Durham, NC, USA<sup>2</sup>Duke University Medical Center, Medicine, Durham, NC, USA.

**2.02. Hypoxia Inducible Factor-1 Enhances Hepatic Metastasis in Murine Pancreatic Adenocarcinoma.** J. A. Yi<sup>1</sup>, E. E. Moore<sup>1,2</sup>, A. Banerjee<sup>1</sup>, K. El-Kasmi<sup>1</sup>, C. C. Barnett<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA<sup>2</sup>Denver Health Medical Center, Aurora, CO, USA.

**2.03. A Novel Orthotopic Mouse Model of Pancreatic Cancer with Immunocompetent Milieu and Robust Stroma.** K. Majumder<sup>1</sup>, S. Modi<sup>1</sup>, N. Arora<sup>1</sup>, R. Chugh<sup>1</sup>, A. Nomura<sup>1</sup>, S. Banerjee<sup>1</sup>, R. Dawra<sup>1</sup>, A. Saluja<sup>1</sup>, V. Dudeja<sup>1</sup> <sup>1</sup>University Of Minnesota, Surgery, Minneapolis, MN, USA.

**2.04. The Tumor Supportive Phenotype of Chemotherapy Conditioned PDAC Fibroblasts Depends on NfκB.** S. G. Patel<sup>1</sup>, L. Li<sup>1</sup>, A. Nguyen<sup>1</sup>, P. Toste<sup>1</sup>, N. Wu<sup>1</sup>, C. Choi<sup>1</sup>, J. Smogorzewski<sup>1</sup>, T. Donahue<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA.

**2.05. E-Cadherin Expression in Obesity-Associated, Kras-Initiated Pancreatic Ductal Adenocarcinoma.** A. P. Stark<sup>1</sup>, W. Sheppard<sup>1</sup>, X. Jung<sup>1</sup>, K. Hertzner<sup>1</sup>, A. Moro<sup>1</sup>, H. Chang<sup>1</sup>, M. Xu<sup>1</sup>, O. J. Hines<sup>1</sup>, G. Eibl<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA.

**2.06. Increased Stromal Integrin-Linked Kinase Expression in IPMN is Associated with Worse Survival.** L. A. Shirley<sup>1</sup>, B. Swanson<sup>2</sup>, W. Frankel<sup>2</sup>, T. Bekaii-Saab<sup>3</sup>, M. Bloomston<sup>1</sup>, C. Chen<sup>4</sup> <sup>1</sup>Ohio State University Wexner Medical Center, Surgical Oncology, Columbus, OH, USA<sup>2</sup>Ohio State University Wexner Medical Center, Pathology, Columbus, OH, USA<sup>3</sup>Ohio State University Wexner Medical Center, Medical Oncology, Columbus, OH, USA<sup>4</sup>Ohio State University College Of Pharmacy, Medicinal Chemistry, Columbus, OH, USA.

**2.07. Poor PDA Patient Prognosis Predicts Xenograft Tumor Engraftment Likelihood.** H. L. Beal<sup>1</sup>, J. Shea<sup>1</sup>, M. Firpo<sup>1</sup>, S. Mulvihill<sup>1,2</sup>, C. Scaife<sup>1,2</sup> <sup>1</sup>University Of Utah, Department Of Surgery Research, Salt Lake City, UTAH, USA<sup>2</sup>Huntsman Cancer Institute, Salt Lake City, UTAH, USA.

**2.08. Generation of Patient-Derived Xenografts from Small Volume Biopsy Samples.** D. Roife<sup>1,2</sup>, Y. Kang<sup>1</sup>, R. Zhang<sup>1</sup>, L. Wang<sup>3</sup>, B. Fang<sup>3</sup>, M. Katz<sup>1</sup>, J. Gershenwald<sup>1</sup>, C. Dinney<sup>4</sup>, J. Fleming<sup>1</sup> <sup>1</sup>University Of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA<sup>2</sup>University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA<sup>3</sup>University Of Texas MD Anderson Cancer Center, Thoracic And Cardiovascular Surgery, Houston, TX, USA<sup>4</sup>University Of Texas MD Anderson Cancer Center, Urology, Houston, TX, USA<sup>5</sup>University Of Texas MD Anderson Cancer Center, Melanoma, Houston, TX, USA.

**2.10. Novel actionable genomic analysis of individual PDAC specimens in real time.** J. Yu<sup>1</sup>, G. Zhou<sup>1</sup>, S. Liu<sup>1</sup>, J. Wu<sup>1</sup>, R. Sanchez<sup>1</sup>, D. Dawson<sup>1</sup>, W. Fisher<sup>2</sup>, F. C. Brunicaudi<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Surgery Department, Los Angeles, CA, USA<sup>2</sup>Baylor College Of Medicine, Houston, TX, USA.

**2.11. Hypoxia Inducible Factor-1 Increases Pro-Tumorigenic Macrophage Activation in Pancreatic Cancer.** J. A. Yi<sup>1</sup>, K. El Kasmi<sup>1</sup>, E. E. Moore<sup>1,2</sup>, C. C. Barnett<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA<sup>2</sup>Denver Health Medical Center, Aurora, CO, USA.

**2.12. Triptolide Mediates Post-Translational Modification of Histones in Pancreatic Cancer.** K. Majumder<sup>1</sup>, R. Chugh<sup>1</sup>, S. Modi<sup>1</sup>, N. Arora<sup>1</sup>, S. Banerjee<sup>1</sup>, R. Dawra<sup>1</sup>, A. Saluja<sup>1</sup>, V. Dudeja<sup>1</sup> <sup>1</sup>University Of Minnesota, Surgery, Minneapolis, MN, USA.

**2.13. CDK4/6 Inhibitors are Potent Suppressors of Pancreatic Carcinoma Growth.** N. A. Borja<sup>1</sup>, J. Franco<sup>2</sup>, E. Knudsen<sup>2,3</sup>, J. Mansour<sup>1,3</sup>, M. Choti<sup>1,3</sup>, A. Witkiewicz<sup>2,3</sup> <sup>1</sup>UT Southwestern, Department Of Surgery, Dallas, TX, USA<sup>2</sup>UT Southwestern, Department Of Pathology, Dallas, TX, USA<sup>3</sup>Simmons Cancer Center, UT Southwestern, Dallas, TX, USA.

**2.14. Nafamostat mesilate enhances antitumor effect of chemotherapy for pancreatic cancer.** T. Horiuchi<sup>1,2</sup>, H. Shiba<sup>1</sup>, Y. Shirai<sup>1,2</sup>, R. Iwase<sup>1,2</sup>, K. Haruki<sup>1</sup>, Y. Fujiwara<sup>1</sup>, K. Furukawa<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, Tokyo, , Japan<sup>2</sup>The Jikei University School Of Medicine, Department Of Gene Therapy, Research Center For Medical Science, Tokyo, , Japan.

**2.15. Role of Sphingosine Kinase 1 of the Host in the Pancreatic Cancer Peritoneal Carcinomatosis.** H. Aoki<sup>1</sup>, A. Raza<sup>1</sup>, P. Mukhopadhyay<sup>1</sup>, K. P. Terracina<sup>1</sup>, C. C. Barnett<sup>3</sup>, S. Spiegel<sup>2</sup>, K. Takabe<sup>1,2</sup> <sup>1</sup>Virginia Commonwealth University, Surgery, Richmond, VA, USA<sup>2</sup>Virginia Commonwealth University, Biochemistry And Molecular Biology, Richmond, VA, USA<sup>3</sup>University Of Colorado Denver, Surgery, Aurora, CO, USA.

**2.16. Microbial Determinants of Clinical Outcomes in Patients Undergoing the Whipple Procedure.** V. G. Aveson<sup>1</sup>, R. Brower-Sinning<sup>1</sup>, B. Firek<sup>1</sup>, B. Boone<sup>1</sup>, J. Steve<sup>1</sup>, M. Hogg<sup>1</sup>, A. Zureikat<sup>1</sup>, H. J. Zeh<sup>1</sup>, M. J. Morowitz<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA.

**2.18. Characterization of a Novel Mutation in Fibrolamellar Hepatocellular Carcinoma.** K. M. Riggle<sup>1</sup>, R. S. Yeung<sup>1</sup>, H. L. Kenerson<sup>1</sup>, K. J. Riehle<sup>2</sup> <sup>1</sup>University Of Washington, Surgery, Seattle, WA, USA<sup>2</sup>Seattle Children's Hospital, General And Thoracic Surgery, Seattle, WA, USA.

**2.19. Incidental Gallbladder Pathology in Patients Undergoing Cholecystectomy.** R. A. Rodriguez<sup>1</sup>, H. Overton<sup>2</sup>, K. Morris<sup>1</sup>, I. Nir<sup>1</sup>, M. Williamson<sup>3</sup>, A. Rajput<sup>1</sup> <sup>1</sup>University Of New Mexico, Division Of Surgical Oncology, Department Of Surgery, Albuquerque, NM, USA<sup>2</sup>University Of New Mexico, School Of Medicine, Albuquerque, NM, USA<sup>3</sup>University Of New Mexico, Department Of Radiology, Albuquerque, NM, USA.

**2.20. Development of Theranostic Mesoporous Silica Nanoparticles for Pancreatic Cancer.** D. S. Pender<sup>1</sup>, A. Khanal<sup>1</sup>, S. Hudson<sup>1</sup>, L. McNally<sup>1</sup> <sup>1</sup>University Of Louisville, Louisville, KY, USA.

TUESDAY

WEDNESDAY

THURSDAY

## MODERATORS: Giorgos Karakousis, MD & Daniel H. Teitelbaum, MD

- 3.01. Intraperitoneal Application of Intestinal Alkaline Phosphatase Decreases Post-Operative Adhesions in Mice.** S. K. Hyoju<sup>1</sup>, S. Morrison<sup>1</sup>, M. Gharedaghi<sup>1</sup>, M. Mohamed<sup>1</sup>, S. S. Gul<sup>1</sup>, M. Najibi<sup>1</sup>, T. Phupitakphol<sup>1</sup>, A. Osmani<sup>1</sup>, K. Economopoulos<sup>1</sup>, S. Hamarneh<sup>1</sup>, R. A. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA.
- 3.02. PRP Enhances Posterior Lumbar Spinal Fusion Using a Composite Engineered Scaffold In a Rabbit Model.** J. L. Van Eps<sup>1,4</sup>, J. S. Fernandez-Moure<sup>1,4</sup>, F. J. Cabrera<sup>4</sup>, S. J. Minardi<sup>4,5</sup>, B. Aghdasi<sup>2,4</sup>, A. Tampieri<sup>4,5</sup>, E. Tasciotti<sup>4</sup>, B. K. Weiner<sup>2,3,4</sup> <sup>1</sup>Houston Methodist Hospital, Department Of Surgery, Houston, TX, USA<sup>2</sup>Houston Methodist Hospital, Department Of Orthopedics & Sports Medicine, Houston, TX, USA<sup>3</sup>Weill Cornell Medical College, New York, NY, USA<sup>4</sup>Houston Methodist Research Institute, Department Of Nanomedicine, Surgical Advanced Technology Lab, Houston, TX, USA<sup>5</sup>Istituto Di Scienza E Tecnologia Dei Materiali Ceramici (ISTEC), Department Of Bio-Ceramic And Bio-Hybrid Composites, Faenza, FAENZA, Italy.
- 3.03. Oncolytic Recombinant Vaccinia Virus GLV-2b372 Efficiently Kills Hepatocellular Carcinoma.** J. W. Ady<sup>1</sup>, C. Johnsen<sup>1</sup>, K. Mojica<sup>1</sup>, J. Heffner<sup>1</sup>, D. Love<sup>1</sup>, A. Pugalenth<sup>1</sup>, J. Belin<sup>1</sup>, J. R. Aguilar<sup>5</sup>, N. Chen<sup>5</sup>, Y. A. Yu<sup>5</sup>, A. Szalay<sup>5</sup>, Y. Fong<sup>4</sup> <sup>1</sup>Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA<sup>2</sup>University Of California - San Diego, 3Department Of Radiation Medicine And Applied Sciences, Rebecca & John Moores Comprehensive Cancer Center, San Diego, CA, USA<sup>3</sup>University Of Würzburg, 4Department Of Biochemistry, Rudolph Virchow Center For Experimental Biomedicine, And Institute For Molecular Infection Biology, Würzburg, BAVARIA, Germany<sup>5</sup>City Of Hope National Medical Center, Surgery, Duarte, CA, USA<sup>6</sup>Genelux, Research And Development, San Diego, California, USA.
- 3.04. Traumatic Brain Injury Alters Circulating Microparticles which then Impact Coagulation.** E. F. Midura<sup>1</sup>, C. C. Caldwell<sup>1</sup>, M. D. Goodman<sup>1</sup> <sup>1</sup>University Of Cincinnati, Cincinnati, OH, USA.
- 3.05. Controlled Release of Nitric Oxide Enhances Gemcitabine Cytotoxicity in Pancreatic Adenocarcinoma.** J. Fernandez-Moure<sup>1,2</sup>, D. Kirui<sup>1</sup>, J. Van Eps<sup>1,2</sup>, N. Dhanani<sup>1,4</sup>, F. Cabrera<sup>1</sup>, M. Ferrari<sup>1,3</sup>, E. Tasciotti<sup>1</sup> <sup>1</sup>Houston Methodist Research Institute, Nanomedicine, Houston, TX, USA<sup>2</sup>Houston Methodist Hospital, Surgery, Houston, TX, USA<sup>3</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA<sup>4</sup>Texas A & M Health Science Center College Of Medicine, Bryan, TX, USA.
- 3.06. Immunotherapeutic Virus GLV-1h153 Facilitates <sup>131</sup>I Radiotherapy and Imaging in Cholangiocarcinoma.** C. Johnsen<sup>1</sup>, J. W. Ady<sup>1</sup>, K. Mojica<sup>1</sup>, A. Pugalenth<sup>1</sup>, D. Love<sup>1</sup>, V. Longo<sup>6</sup>, P. Zanzonico<sup>6</sup>, N. G. Chen<sup>5</sup>, R. J. Aguilar<sup>5</sup>, Y. A. Yu<sup>5</sup>, A. A. Szalay<sup>5</sup>, Y. Fong<sup>2</sup> <sup>1</sup>Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA<sup>2</sup>City Of Hope National Medical Center, Surgery, Duarte, CA, USA<sup>3</sup>University Of California - San Diego, 4Department Of Radiation Medicine And Applied Sciences, Rebecca & John Moores Comprehensive Cancer Center, San Diego, CA, USA<sup>4</sup>University Of Würzburg, 5Department Of Biochemistry, Rudolph Virchow Center For Experimental Biomedicine, And Institute For Molecular Infection Biology, Würzburg, BAVARIA, Germany<sup>6</sup>Genelux, Research And Development, San Diego, CA, USA<sup>7</sup>Memorial Sloan-Kettering Cancer Center, Small Animal Imaging Core, New York, NY, USA.
- 3.07. A Flavonoid and Midkine. Novel Targeted Therapeutic Approach for Hepatocellular Carcinoma.** K. M. Sokolowski<sup>1</sup>, S. Kunnimalaiyaan<sup>1</sup>, M. Balamurugan<sup>1</sup>, S. T. Koprowski<sup>1</sup>, T. C. Gamblin<sup>1</sup>, M. Kunnimalaiyaan<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgical Oncology/ Surgery/Medical College Of Wisconsin, Milwaukee, WI, USA.
- 3.08. Bidirectional TSTA of SHIP-DTA Enhances the Effect of Gene Therapy for Insulinoma.** S. Liu<sup>1</sup>, J. Wu<sup>1</sup>, G. Zhou<sup>1</sup>, J. Yu<sup>1</sup>, R. Sanchez<sup>1</sup>, F. Brunicardi<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Department Of Surgery, David Geffen School Of Medicine, Los Angeles, CA, USA.
- 3.09. Mitigation of Hypertrophic Scar Contraction in vivo via a Biostable Polyurethane Scaffold.** M. M. Ibrahim<sup>1</sup>, E. R. Lorden<sup>2</sup>, K. J. Miller<sup>1</sup>, L. Bashirov<sup>1</sup>, E. Hammett<sup>2</sup>, C. Quiles<sup>1</sup>, A. Rastegarpour<sup>1</sup>, A. Selim<sup>3</sup>, K. W. Leong<sup>2</sup>, H. Levinson<sup>1,3</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Division Of Plastic Surgery, Durham, NC, USA<sup>2</sup>Duke University Medical Center, Department Of Biomedical Engineering, Durham, NC, USA<sup>3</sup>Duke University Medical Center, Department Of Pathology, Durham, NC, USA.
- 3.11. Apigenin Reduces PTHrP-Mediated Inflammation, PSC Proliferation, and ECM Synthesis in Pancreatitis.** A. A. Mrazek<sup>1</sup>, V. Bhatia<sup>2</sup>, M. Falzon<sup>2</sup>, M. R. Hellmich<sup>1</sup>, C. Chao<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA<sup>2</sup>University Of Texas Medical Branch, Pharmacology, Galveston, TX, USA.
- 3.12. IAP Decreases Intestinal Permeability Prior to Developing NEC through Stabilization of Claudin-1.** S. Dillman<sup>1,2</sup>, N. Heinzerling<sup>1,2</sup>, K. Fredrich<sup>1,2</sup>, J. Fawley<sup>1,2</sup>, D. M. Gourlay<sup>1,2</sup> <sup>1</sup>Medical College Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA<sup>2</sup>Children's Hospital Of Wisconsin, Children's Research Institute, Milwaukee, WI, USA.
- 3.13. Development of an Endoluminal Intestinal Lengthening Device: Geometric Intestinal Attachment.** F. R. Demehri<sup>1</sup>, J. Freeman<sup>1</sup>, Y. Fukatsu<sup>1</sup>, D. H. Teitelbaum<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA.
- 3.14. Safety of a Collagen-Targeted Peptide Amphiphile Nanofiber for Intravascular Use.** W. Jiang<sup>1,2</sup>, E. M. Bahnson<sup>1</sup>, M. R. Kibbe<sup>1</sup> <sup>1</sup>Feinberg School Of Medicine - Northwestern University, Vascular Surgery, Chicago, IL, USA<sup>2</sup>Northwestern University, McCormick School Of Engineering, Chicago, IL, USA.
- 3.15. Pharmacokinetic Model for Supramolecular Nanoscale Carriers Targeted to the Injured Vasculature.** E. M. Bahnson<sup>1</sup>, H. Kassam<sup>1</sup>, K. T. Nennig<sup>3</sup>, M. J. Avram<sup>2,3</sup>, M. R. Kibbe<sup>1</sup> <sup>1</sup>Feinberg School Of Medicine - Northwestern University, Vascular Surgery, Chicago, IL, USA<sup>2</sup>Feinberg School Of Medicine - Northwestern University, Anesthesiology, Chicago, IL, USA<sup>3</sup>Northwestern University, Donnelley Clinical Pharmacology Core, Chicago, IL, USA.
- 3.16. Implantable Hemofilter: An Overview of the Pre-clinical Canine Surgical Model.** C. Kensinger<sup>1</sup>, J. Groszek<sup>2</sup>, S. Karp<sup>1</sup>, D. Laneve<sup>1</sup>, P. Williams<sup>1</sup>, R. Kant<sup>3</sup>, T. Yeager<sup>3</sup>, S. Roy<sup>3</sup>, W. Fissell<sup>2</sup> <sup>1</sup>Vanderbilt University Medical Center, Department Of General Surgery, Nashville, TN, USA<sup>2</sup>Vanderbilt University Medical Center, Department Of Medicine, Nashville, TN, USA<sup>3</sup>University Of California - San Francisco, Department Of Bioengineering And Therapeutic Sciences, San Francisco, CA, USA.
- 3.17. Changes in Liver Lobe Function After Portal Vein Ligation Determined by Selective Biliary Drainage.** A. Szijarto<sup>1</sup>, A. Fulop<sup>1</sup>, A. Budai<sup>1</sup>, G. Lotz<sup>2</sup>, A. Kiss<sup>2</sup>, L. Harsanyi<sup>1</sup> <sup>1</sup>Semmelweis University, 1st Department Of Surgery, Budapest, BUDAPEST, Hungary<sup>2</sup>Semmelweis University, 2nd Department Of Pathology, Budapest, BUDAPEST, Hungary.
- 3.18. Remote Ischemic Preconditioning's effect on Fat Graft volume.** A. A. Gassman<sup>1</sup>, M. Lewis<sup>2</sup>, J. C. Lee<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Surgery/ Plastic Surgery, Los Angeles, CA, USA<sup>2</sup>West Los Angeles VA, Pathology, Los Angeles, CA, USA.
- 3.19. Hemoglobin Based Oxygen Carriers Exacerbate Hyperfibrinolysis Independent of Plasmin.** A. P. Morton<sup>3</sup>, H. B. Moore<sup>3</sup>, E. Gonzalez<sup>2</sup>, G. Wiener<sup>3</sup>, P. Lawson<sup>2</sup>, M. Chapman<sup>3</sup>, C. Silliman<sup>3</sup>, E. Peltz<sup>1,3</sup>, A. Banerjee<sup>3</sup>, E. E. Moore<sup>2,3</sup> <sup>1</sup>University Of Colorado Hospital, Surgery, Aurora, CO, USA<sup>2</sup>Denver Health Medical Center, Surgery, Denver, CO, USA<sup>3</sup>University Of Colorado School Of Medicine, Surgery, Aurora, CO, USA.
- 3.20. Self-assembly Nanoparticles of PLGA-polyethylenimine (PLGA-PEI) Copolymer for Gene Delivery.** J. LU<sup>1</sup>, Z. Liang<sup>1</sup>, Q. Yao<sup>1</sup>, C. Chen<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Surgical Research/ Surgery, Houston, TX, USA.

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### BASIC/TRANSLATION: ISCHEMIA/REPERFUSION/INJURY RESPONSE

BRAHMS 2

#### MODERATORS: Lawrence N. Diebel, MD & Catherine Hunter, MD

**4.01. Valproic Acid Alters Inflammatory Gene Expression after Traumatic Brain Injury and Hemorrhagic Shock.** T. Bambakidis<sup>1</sup>, S. E. Dekker<sup>1</sup>, M. Sillesen<sup>1</sup>, B. Liu<sup>1</sup>, C. N. Johnson<sup>1</sup>, I. Halaweish<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

**4.02. The Role of Erythropoietin and Hecpudin in the Regulation of Persistent Injury-Associated Anemia.** I. G. Alamo<sup>1</sup>, K. B. Kannan<sup>1</sup>, M. A. Smith<sup>1</sup>, P. A. Efron<sup>1</sup>, A. M. Mohr<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Gainesville, FL, USA.

**4.03. Daily Propranolol Prevents Prolonged HPC mobilization in a Chronic Stress and Polytrauma Model.** L. E. Bible<sup>2</sup>, L. V. Pasupuleti<sup>2</sup>, A. V. Gore<sup>2</sup>, Z. C. Sifri<sup>2</sup>, A. M. Mohr<sup>1</sup> <sup>1</sup>University Of Florida, General Surgery, Gainesville, FL, USA<sup>2</sup>New Jersey Medical School, Newark, NJ, USA.

**4.04. Interleukin-6 is Essential for Endogenous Fibrinogen Release in the Acute Phase Response to Trauma.** R. A. Jacobson<sup>1,2</sup>, J. G. Schoenecker<sup>1,3</sup> <sup>1</sup>Vanderbilt University Medical Center, Pharmacology, Nashville, TN, USA<sup>2</sup>Rush University Medical Center, Rush Medical College, Chicago, IL, USA<sup>3</sup>Vanderbilt University Medical Center, Orthopedics, Nashville, TN, USA.

**4.06. An Accurate Method For Predicting Death From Sepsis.** J. W. Kuethe<sup>1</sup>, E. F. Midura<sup>1</sup>, K. R. Kasten<sup>2</sup>, C. M. Freeman<sup>1</sup>, T. C. Rice<sup>1</sup>, C. C. Caldwell<sup>1</sup> <sup>1</sup>University Of Cincinnati, Division Of Research, Cincinnati, OH, USA<sup>2</sup>East Carolina University Brody School Of Medicine, Department Of Surgery, Greenville, NC, USA.

**4.07. The Effects of Exercise on Soleus Function in Severe Burn with Muscle Disuse Atrophy.** M. R. Saeman<sup>1</sup>, K. DeSpain<sup>1</sup>, M. Liu<sup>1</sup>, B. Carlson<sup>1</sup>, L. A. Baer<sup>2</sup>, J. Song<sup>1</sup>, C. E. Wade<sup>2</sup>, S. E. Wolf<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TEXAS, USA<sup>2</sup>University Of Texas Health Science Center At Houston, Surgery, Houston, TEXAS, USA.

**4.08. Stress Conditions Modulate Adipose Tissue Inflammatory Response and Subsequent Organ Injury.** D. A. Edelman<sup>1</sup>, D. M. Liberati<sup>1</sup>, L. N. Diebel<sup>1</sup> <sup>1</sup>Wayne State University, Surgery/School Of Medicine, Detroit, MI, USA.

**4.09. Inhibition of Histone Deacetylase 6 Protects the Intestinal Tight Junctions in Hemorrhagic Shock.** Z. Chang<sup>1</sup>, W. He<sup>1</sup>, B. Liu<sup>1</sup>, I. Halaweish<sup>1</sup>, T. Bambakidis<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

**4.11. Opioids Promote Anastomotic Leak Following Colo-rectal Surgery in Rats: The Role of the Microbiota.** B. A. Shakh-sheer<sup>1</sup>, J. R. Defazio<sup>1</sup>, J. N. Luo<sup>1</sup>, R. Klabbbers<sup>2</sup>, I. D. Fleming<sup>1</sup>, N. Belogortseva<sup>1</sup>, A. Zaborin<sup>1</sup>, O. Zaborina<sup>1</sup>, J. C. Alverdy<sup>1</sup> <sup>1</sup>Pritzker School Of Medicine, University Of Chicago, Department Of Surgery, Chicago, IL, USA<sup>2</sup>Radboud University Nijmegen Medical Centre, Department Of Surgery, Nijmegen, , Netherlands.

**4.12. Agent-based model of Non-Toxicogenic Clostridium difficile as Prophylaxis for C. difficile Infection.** D. Streicher<sup>2</sup>, G. An<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA<sup>2</sup>University Of Michigan, College Of Literature, Science And Arts, Ann Arbor, MI, USA.

**4.13. The Anti-Cholinergic Pathway Protects Against Intestinal Barrier Dysfunction and DAMPs Release.** M. E. Diebel<sup>1</sup>, D. M. Liberati<sup>1</sup>, L. N. Diebel<sup>1</sup> <sup>1</sup>Wayne State University, Michael And Marian Ilitch Department Of Surgery, Detroit, MI, USA.

**4.14. Examining Chenodeoxycholic Acid Analogs as a treatment for C. difficile with an Agent-Based Model.** D. A. Lyubashevsky<sup>2</sup>, G. An<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA<sup>2</sup>Washington University, School Of Engineering And Applied Science, St. Louis, MO, USA.

**4.15. Profiling of Circulating Exosomal MicroRNAs in Neonatal Necrotizing Enterocolitis.** Y. Zhou<sup>1</sup>, G. E. Besner<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Department Of Pediatric Surgery, Columbus, OH, USA.

**4.16. Early Targeted Antibiotic Therapy Decreases Experimental Necrotizing Enterocolitis.** J. C. Lim<sup>1</sup>, B. Bell<sup>1</sup>, G. Jang<sup>1</sup>, D. Hawkins<sup>1</sup>, D. Thomas<sup>1</sup>, S. Papillon<sup>1</sup>, J. Golden<sup>1</sup>, J. Wang<sup>1</sup>, L. Wang<sup>2</sup>, A. Grishin<sup>1</sup>, H. R. Ford<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, Pathology, Los Angeles, CA, USA.

**4.17. Luminal Benzalkonium Chloride: A Non-Invasive Model of Functional Bowel Obstruction.** W. N. El-Nachef<sup>1</sup>, M. K. Collins<sup>1</sup>, T. C. Grikscheit<sup>1,2</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA<sup>2</sup>University Of Southern California, Keck School Of Medicine, Los Angeles, CA, USA.

**4.18. Thrombelastography Performed Without An Activator Enhances Detection Of Fibrinolysis.** B. A. Quinn<sup>1,2</sup>, E. Gonzalez<sup>1</sup>, H. B. Moore<sup>1</sup>, M. P. Chapman<sup>1</sup>, A. Sauer<sup>1</sup>, A. Banerjee<sup>1</sup>, C. C. Silliman<sup>1,3</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, Denver, CO, USA<sup>3</sup>Bonfils Blood Center, Research Department, Denver, CO, USA.

**4.19. Cytokine Gene Expression in the Gastrocnemius of Patients with Peripheral Arterial Disease.** L. A. Carpenter<sup>1</sup>, J. R. Thompson<sup>1</sup>, D. M. Ha<sup>1</sup>, S. A. Swanson<sup>1</sup>, J. M. Johanning<sup>1,2</sup>, E. A. Papoutsis<sup>1</sup>, P. Koutakis<sup>1</sup>, D. A. Miserlis<sup>1</sup>, I. I. Pipinos<sup>1,2</sup>, G. P. Casale<sup>1</sup> <sup>1</sup>University Of Nebraska Medical Center, Department Of Surgery, Omaha, NE, USA<sup>2</sup>VA Nebraska-Western Iowa Health Care System, Omaha, NE, USA.

**4.20. Acute Hind Limb Ischemia in the Recombinant Polygenic Type 2 Diabetic Mouse.** H. Albadawi<sup>1,3</sup>, R. Oklu<sup>2,3</sup>, T. P. Uong<sup>1</sup>, J. D. Milner<sup>1</sup>, H. Yoo<sup>1</sup>, M. T. Watkins<sup>1,3</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, Department Of Imaging, Division Of Interventional Radiology, Boston, MA, USA<sup>3</sup>Harvard School Of Medicine, Brookline, MA, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

## Integrated Quick Shot Session I

## BASIC/TRANSLATION: DEVELOPMENTAL BIOLOGY, REGENERATIVE MEDICINE, &amp; TISSUE ENGINEERING

BRAHMS 3

## MODERATORS: Tracy Grikscheit, MD &amp; Karl Sylvester, MD

## 5.02. Stem Cell Subpopulation Depletion in Bariatric Patients:

**A Novel Cause of Higher Morbidity/Mortality.** M. W. Findlay<sup>1,2</sup>, M. Sorkin<sup>1</sup>, R. Rennert<sup>1</sup>, M. Januszyk<sup>1</sup>, P. Than<sup>1</sup>, M. Rodrigues<sup>1</sup>, Z. Maan<sup>1</sup>, A. Whittam<sup>1</sup>, D. Duscher<sup>1</sup>, H. Rivas<sup>1</sup>, H. P. Lorenz<sup>1</sup>, J. M. Morton<sup>1</sup>, G. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, Palo Alto, CA, USA<sup>2</sup>University Of Melbourne, Department Of Surgery Royal Melbourne Hospital, Parkville, VIC, Australia.

## 5.03. Tumors and Wounds Compete for Circulating Progenitor Cells In Vivo.

M. S. Hu<sup>1</sup>, Z. Maan<sup>1</sup>, W. Hong<sup>1</sup>, G. Walmsley<sup>1</sup>, R. Rennert<sup>1</sup>, T. Zhu<sup>1</sup>, M. Esquivel<sup>1</sup>, D. Atashroo<sup>1</sup>, D. Duscher<sup>1</sup>, R. Tevlin<sup>1</sup>, A. Zimmermann<sup>1</sup>, M. Chung<sup>1</sup>, A. McArdle<sup>1</sup>, G. Gurtner<sup>1</sup>, H. P. Lorenz<sup>1</sup>, A. Giaccia<sup>3</sup>, M. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA<sup>2</sup>University Of Hawaii, Surgery, Honolulu, HI, USA<sup>3</sup>Stanford University, Radiation Oncology, Palo Alto, CA, USA.

## 5.04. Activation of Notch Signaling in Human Biliary Atresia and Experimental Cholestasis.

J. A. Zagory<sup>1,2</sup>, N. Mavila<sup>1,2</sup>, S. Utley<sup>1,2</sup>, D. James<sup>1,2</sup>, K. S. Wang<sup>1,2</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA<sup>2</sup>Saban Research Institute, Developmental Biology And Regenerative Medicine Program, Los Angeles, CA, USA.

## 5.05. Serum PROMININ-1: A Biomarker for Biliary Atresia-associated Fibrosis.

M. Nguyen<sup>1,2</sup>, D. James<sup>1,2</sup>, N. Mavila<sup>1,2</sup>, S. Zhou<sup>1</sup>, L. Wang<sup>1</sup>, K. Wang<sup>1,2</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA<sup>2</sup>Saban Research Institute, Developmental Biology And Regenerative Medicine, Los Angeles, CA, USA.

## 5.06. Modifying the Embryonic Colonic Microenvironment

**Decreases Aganglionosis in Hirschsprung's Disease.** A. J. Barlow-Anacker<sup>1</sup>, P. A. Trainor<sup>3</sup>, M. L. Epstein<sup>2</sup>, A. Gosain<sup>1,2</sup> <sup>1</sup>University Of Wisconsin, Pediatric Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Neuroscience, Madison, WI, USA<sup>3</sup>Stowers Institute For Medical Research, Kansas City, MO, USA.

## 5.07. Growth and Biomechanics after Composite Biological

**Patch Repair in Rat Model of Diaphragmatic Hernia.** G. P. Liao<sup>1</sup>, R. A. Hetz<sup>1</sup>, C. J. Corkins<sup>1</sup>, T. G. Hughes<sup>1</sup>, H. Xue<sup>1</sup>, Y. Li<sup>1</sup>, K. P. Lally<sup>1</sup>, C. S. Cox<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA.

## 5.08. A Novel Method of Human Adipose-derived Stem Cell Isolation With Resultant Increased Cell Yield.

R. Tevlin<sup>1,2</sup>, A. McArdle<sup>1,2</sup>, E. Seo<sup>2</sup>, M. T. Chung<sup>1</sup>, K. Paik<sup>1</sup>, E. R. Zielins<sup>1</sup>, D. Atashroo<sup>1</sup>, M. S. Hu<sup>1</sup>, G. G. Walmsley<sup>1,2</sup>, S. Li<sup>1</sup>, C. K. Chan<sup>2</sup>, D. C. Wan<sup>1</sup>, M. T. Longaker<sup>1,2</sup> <sup>1</sup>Stanford University, Plastic Surgery, Palo Alto, CA, USA<sup>2</sup>Stanford University, Institute for Stem Cell Biology and Regenerative Medicine, Palo Alto, CA, USA.

## 5.09. Reconstitution of Bronchoalveolar Progenitors in Tissue Engineered Murine Lung.

A. Trecartin<sup>1</sup>, R. Spurrier<sup>1</sup>, D. Warburton<sup>1</sup>, B. Driscoll<sup>1</sup>, M. Hiatt<sup>1</sup>, T. Grikscheit<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA.

## 5.10. Regulation of WNT signaling in craniofacial convergence and extension morphogenesis.

L. J. Rochard<sup>1</sup>, S. J. Monica<sup>1</sup>, Y. Kong<sup>1</sup>, M. J. Grimaldi<sup>1</sup>, E. C. Liao<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Center For Regenerative Medicine, Boston, MA, USA.

## 5.11. Scarless Surgery: Are We There Yet?

C. M. Moles<sup>1</sup>, S. Balaji<sup>1</sup>, N. Han<sup>1</sup>, R. Ranjan<sup>1</sup>, A. Shaaban<sup>2</sup>, P. Bolyky<sup>3</sup>, T. M. Crombleholme<sup>1</sup>, S. G. Keswani<sup>1</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center, Laboratory for Regenerative Wound Healing, Cincinnati, OH, USA<sup>2</sup>Cincinnati Children's Hospital Medical Center, Center For Fetal Cellular And Molecular Therapy, Cincinnati, OH, USA<sup>3</sup>Stanford University, Palo Alto, CA, USA<sup>4</sup>Children's Hospital Colorado, Aurora, CO, USA.

## 5.12. Nanofiber Enhanced Endothelialization of Decellularized

**Cardiac Tissue.** R. S. Hennessy<sup>1</sup>, S. Jana<sup>1</sup>, M. Helder<sup>1</sup>, A. Lerman<sup>1</sup> <sup>1</sup>Mayo Clinic, Rochester, MN, USA.

## 5.13. Better Fat Transfer: The Specific Choices that Optimize

**Lipoaspirate Integrity.** D. A. Atashroo<sup>1</sup>, T. Wearda<sup>1</sup>, J. Raphael<sup>2</sup>, K. Paik<sup>1</sup>, E. Zielins<sup>1</sup>, G. Walmsley<sup>1</sup>, M. Hu<sup>1</sup>, K. Senarath-Yapa<sup>1</sup>, S. Menon<sup>1</sup>, A. Luan<sup>1</sup>, R. Tevlin<sup>1</sup>, D. Duscher<sup>1</sup>, Z. Maan<sup>1</sup>, G. Gurtner<sup>1</sup>, D. Wan<sup>1</sup>, S. Heilshorn<sup>2</sup>, M. T. Longaker<sup>1</sup> <sup>2</sup>Stanford, Material Science, Stanford, CA, USA<sup>1</sup>Stanford, Plastic Surgery, Stanford, CA, USA.

## 5.15. Assessing ASC Regenerative Potential: Does Harvest

**Method Matter?** D. Atashroo<sup>1</sup>, E. Brett<sup>1</sup>, D. Duscher<sup>1</sup>, Z. N. Maan<sup>1</sup>, E. R. Zielins<sup>1</sup>, K. Paik<sup>1</sup>, A. Whittam<sup>1</sup>, M. Lin<sup>1</sup>, A. Luan<sup>1</sup>, A. McArdle<sup>1</sup>, C. Duldulao<sup>1</sup>, G. G. Walmsley<sup>1</sup>, M. S. Hu<sup>1</sup>, R. Tevlin<sup>1</sup>, D. C. Wan<sup>1</sup>, G. C. Gurtner<sup>1</sup>, M. T. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Hagey Laboratory For Pediatric Regenerative Medicine, Department Of Surgery, Plastic And Reconstructive Surgery Division, Palo Alto, CA, USA.

## 5.16. Adipose Derived Stem Cell-Mediated Enhancement of Fat

**Graft Retention is Dose Dependent.** E. R. Zielins<sup>1</sup>, K. Paik<sup>1</sup>, D. A. Atashroo<sup>1</sup>, Z. N. Maan<sup>1</sup>, A. Luan<sup>1</sup>, S. M. Vistnes<sup>1</sup>, G. Walmsley<sup>1</sup>, K. Senarath-Yapa<sup>1</sup>, R. Tevlin<sup>1</sup>, T. Wearda<sup>1</sup>, O. Marecic<sup>1</sup>, M. T. Longaker<sup>1</sup>, D. C. Wan<sup>1</sup> <sup>1</sup>Stanford University, Division Of Plastic And Reconstructive Surgery, Palo Alto, CA, USA.

## 5.17. Alteration in VEGF-A Expression Contributes To The

**Pathophysiology of Necrotizing Enterocolitis (NEC).** J. A. Shepherd<sup>2</sup>, P. J. Matheson<sup>1,2</sup>, L. A. Galganski<sup>4</sup>, J. W. Smith<sup>2</sup>, R. N. Garrison<sup>1,2</sup>, C. D. Downard<sup>3</sup> <sup>1</sup>Robley Rex Veterans Affairs Medical Center, Surgery, Louisville, KY, USA<sup>2</sup>University Of Louisville, Hiram C. Polk Jr. M.D. Department Of Surgery, Louisville, KY, USA<sup>4</sup>University Of California - Davis, Department Of Surgery, Sacramento, CA, USA.

## 5.18. Relaxin Supplementation Affects Vascular Endothelial Growth Factor Expression in Experimental NEC.

A. Clarke<sup>4</sup>, P. Matheson<sup>1,2</sup>, E. Stamper<sup>4</sup>, J. Smith<sup>2</sup>, R. N. Garrison<sup>1,2</sup>, C. D. Downard<sup>3</sup> <sup>1</sup>Robley Rex Veterans Affairs Medical Center, Surgery, Louisville, KY, USA<sup>2</sup>University Of Louisville, Surgery, Louisville, KY, USA<sup>3</sup>University Of Louisville, Pediatric Surgery, Louisville, KY, USA<sup>4</sup>University Of Louisville, School Of Medicine, Louisville, KY, USA.

## 5.19. Oral Relaxin Alters Platelet-Derived Growth Factor Expression in NEC in Rats.

E. D. Stamper<sup>1</sup>, P. Matheson<sup>2,3</sup>, A. Clarke<sup>1</sup>, J. Smith<sup>2</sup>, R. N. Garrison<sup>2,3</sup>, C. D. Downard<sup>4</sup> <sup>1</sup>University Of Louisville, School Of Medicine, Louisville, KY, USA<sup>2</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA<sup>3</sup>Robley Rex Veterans Affairs Medical Center, Surgery, Louisville, KY, USA<sup>4</sup>University Of Louisville, Pediatric Surgery, Louisville, KY, USA.

## 5.20. Quantitative Characterisation And Neurochemical Coding

**Of The Normal Human Hindgut Myenteric Plexus.** K. S. Ng<sup>1,2</sup>, D. Mahns<sup>3</sup>, M. A. Gladman<sup>1,2</sup> <sup>1</sup>Sydney Medical School - Concord, University Of Sydney, Academic Colorectal Unit, Sydney, NSW, Australia<sup>2</sup>ANZAC Research Institute, University Of Sydney, Enteric Neuroscience & Gastrointestinal Research Group, Sydney, NSW, Australia<sup>3</sup>University Of Western Sydney, Department Of Integrative Physiology, School Of Medicine, Sydney, NSW, Australia.

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: CLINICAL RESEARCH - GENERAL SURGERY 1

BRAHMS 4

#### MODERATORS: Swati Kulkarni, MD & James W. Suliburk, MD

**6.02. Risk Factors for Conversion of Laparoscopic to Open Cholecystectomy in Acute Cholecystitis.** M. Sippey<sup>1</sup>, A. Mozer<sup>1</sup>, M. Grzybowski<sup>1</sup>, M. Manwaring<sup>1</sup>, J. Pender IV<sup>1</sup>, W. Chapman<sup>1</sup>, W. Pofahl<sup>1</sup>, W. Pories<sup>1</sup>, K. Spaniolas<sup>1</sup> <sup>1</sup>East Carolina University Brody School Of Medicine, General Surgery, Greenville, NC, USA.

**6.03. Enterocutaneous Fistula Treatment (ECF) with Fibrin Glue Injection – Does it work?** J. S. Merkow<sup>1</sup>, A. Panaccia<sup>1</sup>, M. Gipson<sup>1</sup>, J. Durham<sup>1</sup>, L. Wilson<sup>1</sup>, J. Vogel<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA.

**6.04. Laparoscopic Appendectomy: Who Falls Through the Cracks?** K. N. Marley<sup>1</sup>, A. M. Fecher<sup>1</sup>, B. L. Zarzaur<sup>1</sup>, G. A. Gomez<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Department Of Surgery, Indianapolis, IN, USA.

**6.05. Surgical Frailty in elderly patients undergoing urgent abdominal surgery.** H. H. Garzon<sup>1</sup>, C. Restrepo<sup>1</sup>, E. L. Espitia<sup>1</sup>, L. Torregrosa<sup>1</sup>, L. C. Dominguez<sup>1</sup> <sup>1</sup>Pontificia Universidad Javeriana - Hospital Universitario San Ignacio, Surgery, Bogota, Colombia.

**6.06. Costly Complications: Readmissions in Elderly Following Appendectomy.** L. A. Bliss<sup>1</sup>, C. J. Yang<sup>1</sup>, Z. Chau<sup>2</sup>, E. Witkowski<sup>2</sup>, S. Ng<sup>1</sup>, W. Al-Refaie<sup>3</sup>, J. F. Tseng<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Surgical Outcomes Analysis & Research, Boston, MA, USA<sup>2</sup>University Of Massachusetts Medical School, Department Of Surgery, Worcester, MA, USA<sup>3</sup>Georgetown University Medical Center, Department Of Surgery, Washington, DC, USA.

**6.07. Pneumatosis Intestinalis: Considerations for this Clinical Conundrum.** E. Insley<sup>1</sup>, B. Braslow<sup>1</sup>, Z. Maher<sup>1</sup>, S. Allen<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA.

**6.08. Anxiolytic Medication is an Independent Risk Factor for Short-Term Major Morbidity after Surgery.** D. L. Davenport<sup>1</sup>, J. S. Roth<sup>1</sup>, N. Ward<sup>3</sup>, L. Mutiso<sup>4</sup>, C. C. Lester<sup>2</sup>, K. M. Lomme<sup>2</sup>, D. L. Davenport<sup>1</sup> <sup>1</sup>University Of Kentucky, Dept. Of Surgery, Lexington, KY, USA<sup>2</sup>University Of Kentucky, Dept. Of Psychiatry, Lexington, KY, USA<sup>3</sup>University Of Kentucky, College Of Medicine, Lexington, KY, USA<sup>4</sup>University Of Kentucky, College Of Nursing, Lexington, KY, USA.

**6.09. Impact of Health Literacy on Post-Operative Outcomes in Patients Undergoing Major Abdominal Surgery.** G. C. Edwards<sup>1</sup>, K. M. Goggins<sup>2</sup>, J. Ehrenfeld<sup>3</sup>, H. R. Mir<sup>4</sup>, A. A. Parikh<sup>1</sup>, N. B. Merchant<sup>1</sup>, S. B. Kripalani<sup>2</sup>, K. Idrees<sup>1</sup> <sup>2</sup>Vanderbilt University Medical Center, Center For Health Services Research, Nashville, TN, USA<sup>3</sup>Vanderbilt University Medical Center, Department Of Anesthesiology, Vanderbilt Anesthesiology & Perioperative Informatics Research (VAPIR) Division, Nashville, TN, USA<sup>4</sup>Vanderbilt University Medical Center, Department Of Orthopaedics & Rehabilitation, Nashville, TN, USA<sup>1</sup>Vanderbilt University Medical Center, Department Of Surgery, Division Of Surgical Oncology, Nashville, TN, USA.

**6.10. Laparoscopic Inguinal Herniorrhaphy: Comparing Outcomes Between Self-adhering Versus Tacked Mesh.** I. S. Pouradian<sup>1</sup>, A. W. Lois<sup>1</sup>, M. J. Frelich<sup>1</sup>, A. S. Kastenmeier<sup>1</sup>, J. R. Wallace<sup>1</sup>, J. C. Gould<sup>1</sup>, M. I. Goldblatt<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, General Surgery, Milwaukee, WI, USA.

**6.11. Elective versus Non-elective Ventral Hernia Repairs utilizing the Nationwide Inpatient Sample.** K. Simon<sup>1</sup>, M. Frelich<sup>1</sup>, J. Gould<sup>1</sup>, H. Zhao<sup>1</sup>, T. Chelius<sup>1</sup>, M. Goldblatt<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA.

**6.12. Abdominal Wall Reconstruction: A Comparison of Totally Extraperitoneal and Intraperitoneal Approaches.** J. S. Roth<sup>1</sup>, M. T. Miller<sup>1</sup>, K. Johnson<sup>1</sup>, M. Plymale<sup>1</sup>, S. Levy<sup>1</sup>, D. Davenport<sup>1</sup>, J. Roth<sup>1</sup> <sup>1</sup>University Of Kentucky, General Surgery/Surgery/College Of Medicine, Lexington, KENTUCKY, USA.

**6.13. Does Preoperative Opioid Use Affect Bariatric Surgery Outcomes?** T. Mokharti<sup>1</sup>, A. Nair<sup>1</sup>, D. Azagury<sup>1</sup>, H. Rivas<sup>1</sup>, J. Morton<sup>1</sup> <sup>1</sup>Stanford University, Bariatric And Minimally Invasive Surgery, Stanford, CALIFORNIA, USA.

**6.14. Analytic Morphomics Predicts Body Composition Associated with Diabetes.** O. C. Junttila<sup>1</sup>, J. Friedman<sup>1</sup>, D. Cron<sup>1</sup>, M. Terjmanian<sup>1</sup>, M. Lindquist<sup>1</sup>, A. Hammoud<sup>1</sup>, M. Alameddine<sup>1</sup>, J. Claffin<sup>1</sup>, M. Englesbe<sup>1</sup>, S. Wang<sup>1</sup>, C. Sonnenday<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA.

**6.15. The Impact of Obesity on Operative Time in Elective Colorectal Surgery Procedures.** H. Saiganesh<sup>1</sup>, D. Stein<sup>1</sup>, J. L. Poggio<sup>1</sup> <sup>1</sup>Drexel University College Of Medicine, Department Of Surgery, Division Of Colorectal Surgery, Philadelphia, Pa, USA.

**6.16. Continuous Non-Invasive Assessment of Hemoglobin and Fluid Responsiveness in Obesity and Laparoscopy.** M. D. DeBarros<sup>1</sup>, M. W. Causey<sup>1</sup>, P. Chesley<sup>1</sup>, M. Martin<sup>1,2</sup> <sup>1</sup>Madigan Army Medical Center, Department Of General Surgery, Tacoma, WA, USA<sup>2</sup>Oregon Health And Science University, Department Of Trauma And Critical Care, Portland, OR, USA.

**6.17. Fluorescent Cholangiography during Robotic Cholecystectomy: Early Experiences at an Urban Hospital.** L. Policastro<sup>1</sup>, R. Huang<sup>1</sup>, P. J. Chung<sup>2</sup>, H. Patel<sup>2</sup>, A. Schwartzman<sup>2</sup>, R. Lee<sup>2</sup>, G. Sugiyama<sup>2</sup> <sup>1</sup>SUNY Downstate College Of Medicine, Brooklyn, NY, USA<sup>2</sup>SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA.

**6.18. The 'Inside-out' Technique for Ventral Hernia Repair with Mesh Underlay.** A. E. Berhanu<sup>1,2</sup>, S. G. Talbot<sup>1,2</sup> <sup>1</sup>Brigham And Women's Hospital, Division Of Plastic Surgery, Boston, MA, USA<sup>2</sup>Harvard School Of Medicine, Boston, MA, USA.

**6.19. Robotic TAPP Inguinal Hernia Repair: Early Experiences at an Inner-City Academic Medical Center.** R. Huang<sup>1</sup>, L. Policastro<sup>1</sup>, P. J. Chung<sup>2</sup>, H. Patel<sup>2</sup>, A. Schwartzman<sup>2</sup>, R. Lee<sup>2</sup>, G. Sugiyama<sup>2</sup> <sup>1</sup>SUNY Downstate College Of Medicine, Brooklyn, NEW YORK, USA<sup>2</sup>SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NEW YORK, USA.

**6.20. Difficult Laparoscopic Cholecystectomy: Conversion to Open versus Laparoscopic Subtotal Cholecystectomy.** K. Leick<sup>1</sup>, D. Ring<sup>1</sup>, A. Bhamra<sup>1</sup>, H. Chong<sup>1</sup> <sup>1</sup>University Of Iowa, Gastrointestinal-Minimally Invasive Surgery, Iowa City, IA, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

## Integrated Quick Shot Session I

### OUTCOMES: CLINICAL RESEARCH - ONCOLOGY 2

CHOPIN 1

### MODERATORS: Jonathan Efron, MD & Peter Muscarella, MD

- 7.01. The Safety of Esophago-Gastrectomy in Patients Older than 80 Years: Risk vs. Benefits.** M. Melis<sup>1</sup>, A. Masi<sup>1,2</sup>, A. Pinna<sup>1</sup>, I. Hatzaras<sup>1,2</sup>, S. Cohen<sup>1</sup>, R. S. Berman<sup>1</sup>, G. Ballantyne<sup>1</sup>, H. Pachter<sup>1</sup>, E. Newman<sup>1</sup> <sup>1</sup>New York University School Of Medicine, New York, NY, USA.
- 7.02. Sentinel Lymph Node Mapping for Cutaneous Squamous Cell Cancer.** M. A. Bartz-Kurycki<sup>1,2</sup>, R. S. Krouse<sup>1,2</sup> <sup>1</sup>Southern Arizona VA Health Care System, Tucson, ARIZONA, USA<sup>2</sup>University Of Arizona, Surgery, Tucson, AZ, USA.
- 7.03. Sentinel Lymph Node Biopsy Is Accurate In Merkel Cell Cancer.** A. C. Gasior<sup>1</sup>, A. Gingrich<sup>1</sup>, S. Deas<sup>1</sup>, J. Mammen<sup>1</sup> <sup>1</sup>University Of Kansas, Surgery, Kansas City, KS, USA.
- 7.04. Goblet Cell Neuroendocrine Carcinomatosis treated with Cytoreductive Surgery and HIPEC.** R. W. Randle<sup>1</sup>, K. F. Griffith<sup>1</sup>, K. R. Swett<sup>2</sup>, J. H. Stewart<sup>1</sup>, P. Shen<sup>1</sup>, E. A. Levine<sup>1</sup>, K. I. Votanopoulos<sup>1</sup> <sup>1</sup>Wake Forest University Baptist Medical Center, Surgery, Winston-Salem, NORTH CAROLINA, USA<sup>2</sup>Wake Forest University Baptist Medical Center, Biostatistics, Winston-Salem, NORTH CAROLINA, USA.
- 7.05. Recurrence and Prognostic Factors after Cytoreductive Surgery and HIPEC for Appendiceal Cancer.** M. Mavros<sup>1</sup>, L. Bijelic<sup>1</sup>, U. Hyder<sup>1</sup>, A. Firoozmand<sup>1</sup>, C. Ihemelandu<sup>1</sup>, P. Sugarbaker<sup>1</sup> <sup>1</sup>MedStar Washington Hospital Center, Department Of Surgery, Washington, DC, USA.
- 7.06. Advanced Nutritional Support after Esophagectomy for Esophageal Cancer.** S. Ajmal<sup>1</sup>, T. Ng<sup>1</sup>, A. M. Blakely<sup>1</sup>, W. G. Cioffi<sup>1</sup>, T. J. Miner<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Department Of Surgery, Providence, RI, USA.
- 7.07. Patient Demographics and Clinical Outcomes in Pancreatic Cancer Based on Histological Subtype.** N. Poulsen<sup>1</sup>, S. Patil<sup>1</sup>, R. S. Chamberlain<sup>1</sup> <sup>2</sup>Saint George's University, Grenada, Grenada, Grenada<sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA.
- 7.08. Effect of High-Grade Disease on Colon Cancer Outcomes.** R. Amri<sup>1,2</sup>, L. G. Bordeianou<sup>1,2</sup>, P. Sylla<sup>1,2</sup>, D. L. Berger<sup>1,2</sup> <sup>1</sup>Massachusetts General Hospital, General And Gastrointestinal Surgery, Boston, MA, USA<sup>2</sup>Harvard Medical School, Surgery, Brookline, MA, USA.
- 7.09. Colon Cancer Patients with Inflammatory Bowel Disease Do Not Necessarily Have Worse Outcomes.** R. Amri<sup>1,2</sup>, L. G. Bordeianou<sup>1,2</sup>, P. Sylla<sup>1,2</sup>, D. Berger<sup>1,2</sup> <sup>1</sup>Massachusetts General Hospital, General And Gastrointestinal Surgery, Boston, MA, USA<sup>2</sup>Harvard Medical School, Surgery, Boston, MA, USA.
- 7.10. Predicting Success in Small Renal Mass Biopsy.** J. M. Prince<sup>1</sup>, E. M. Bultman<sup>2</sup>, A. Drewry<sup>1</sup>, J. L. Hinshaw<sup>2</sup>, E. J. 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.
- 7.11. Robotic and Laparoscopic Surgery for Colorectal Cancer Offer Comparable 3-5 Year Oncologic Outcomes.** F. G. Wilder<sup>1,2</sup>, A. Burnett<sup>1</sup>, J. Oliver<sup>1</sup>, R. J. Chokshi<sup>1</sup> <sup>1</sup>Rutgers - New Jersey Medical School, Surgery, Newark, NJ, USA<sup>2</sup>Memorial Sloan-Kettering Cancer Center, New York, NY, USA.
- 7.12. Irradiated Rectal Cancer: Is There a Role for Preoperative Interventions?** D. M. Hayden<sup>1</sup>, C. Holmes<sup>1</sup>, A. Lasinski<sup>1</sup>, S. Nassoioy<sup>1</sup>, M. Chiodo<sup>2</sup>, K. Wolin<sup>1</sup>, T. Saclarides<sup>1</sup> <sup>1</sup>Loyola University Medical Center, Department of General Surgery, Maywood, Illinois, USA<sup>2</sup>Loyola University Medical Center, Stritch School Of Medicine, Maywood, Illinois, USA.
- 7.13. CA19-9 Levels Can Predict Findings at Diagnostic Laparoscopy in Pancreatic Cancer: A Prospective Study.** S. Gopinath<sup>1</sup>, U. Ballehaninna<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>Rutgers University, New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>Saint George's University, Department Of Surgery, Grenada, Grenada, Grenada.
- 7.14. Safety and efficacy of intraoperative radiotherapy in treating locally advanced pancreatic cancer.** X. Che<sup>1</sup>, Y. Chen<sup>1</sup>, J. Zhang<sup>1</sup>, C. Wang<sup>1</sup> <sup>1</sup>Cancer Hospital Chinese Academy Of Medical Sciences, Department Of Abdominal Surgical Oncology, Beijing, BEIJING, China.
- 7.15. Preoperative Platelet to Lymphocyte Ratio is a Prognostic Factor for Pancreatic Cancer.** Y. Shirai<sup>1</sup>, H. Shiba<sup>1</sup>, T. Horiuchi<sup>1</sup>, R. Iwase<sup>1</sup>, K. Haruki<sup>1</sup>, K. Abe<sup>1</sup>, Y. Fujiwara<sup>1</sup>, K. Furukawa<sup>1</sup>, S. Onda<sup>1</sup>, D. Hata<sup>1</sup>, T. Sakamoto<sup>1</sup>, Y. Futagawa<sup>1</sup>, Y. Toyama<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, Tokyo, TOKYO, Japan.
- 7.16. Should I Stay or Should I Go Now: Factors Influencing High Length of Stay After Pancreatectomy.** M. Radomski<sup>1</sup>, A. Zureikat<sup>1</sup>, S. M. Novak<sup>1</sup>, J. Steve<sup>1</sup>, J. Marsh<sup>1</sup>, K. K. Lee<sup>1</sup>, A. Tsung<sup>1</sup>, D. Bartlett<sup>1</sup>, H. J. Zeh<sup>1</sup>, M. E. Hogg<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Pittsburgh, PA, USA.
- 7.17. The Bipedicled, Conjoined Deep Inferior Epigastric Perforator (DIEP) Flap: a Concept in Evolution.** P. G. Koolen<sup>1</sup>, B. T. Lee<sup>1</sup>, H. Erhard<sup>3</sup>, D. Greenspun<sup>2</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Division Of Plastic Surgery, Boston, MA, USA<sup>2</sup>Greenwich Hospital, Division Of Plastic Surgery, Greenwich, CT, USA<sup>3</sup>Albert Einstein College Of Medicine, Division Of Plastic Surgery, Bronx, NY, USA.
- 7.18. The Impact of Tumescence Technique on Outcomes of Autologous Breast Reconstruction.** C. R. Vargas<sup>1</sup>, P. G. Koolen<sup>1</sup>, J. A. Ricci<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.
- 7.19. From Free Flaps to Freestyle Locoregional Perforator Subunit Flaps- a Paradigm Shift over 230 Cases.** M. W. Findlay<sup>1,2,3,4</sup>, S. Sinha<sup>2</sup>, A. Rotman<sup>2</sup>, J. Ting<sup>2</sup>, S. Fairbank<sup>1</sup>, T. Wu<sup>2</sup>, F. Behan<sup>2</sup> <sup>1</sup>Stanford University, Division Of Plastic And Reconstructive Surgery, Palo Alto, CA, USA<sup>2</sup>The Peter MacCallum Cancer Centre, Division Of Surgical Oncology, East Melbourne, VIC, Australia<sup>3</sup>The University Of Melbourne, Department Of Surgery, Royal Melbourne Hospital, Parkville, VIC, Australia<sup>4</sup>Monash University, Combined Plastic And Reconstructive Surgery Unit, Clayton, VIC, Australia.
- 7.20. Occult Neoplasms in Appendicitis: A Single-Institution Experience of 1793 Appendectomies.** C. M. Forleiter<sup>1</sup>, J. A. Schwartz<sup>1</sup>, D. Y. Lee<sup>1</sup>, G. J. Kim<sup>1</sup> <sup>1</sup>Mount Sinai School Of Medicine, Mount Sinai Roosevelt Hospital / Department Of Surgery, New York, NY, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: CLINICAL RESEARCH - PEDIATRICS 1

CHOPIN 2

**MODERATORS: Daniel J. Ostlie, MD & Faisal G. Qureshi, MD**

TUESDAY

WEDNESDAY

THURSDAY

**8.01. Surgical Management and Morbidity of Magnet Ingestions in Children: A Survey of AAP Surgeons.** A. M. Waters<sup>1</sup>, D. H. Teitelbaum<sup>2</sup>, D. T. Bartle<sup>1</sup>, V. Thorne<sup>1</sup>, A. Bousvaros<sup>3</sup>, R. A. Noel<sup>4</sup>, E. A. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama, Birmingham, Alabama, USA<sup>2</sup>University Of Michigan, Ann Arbor, MI, USA<sup>3</sup>Children's Hospital Boston, Boston, MA, USA<sup>4</sup>Baylor College Of Medicine, Houston, TX, USA.

**8.02. An Assessment of Morbidity from Gastrojejunal Feeding Tubes in Children.** I. Campwala<sup>1</sup>, E. Perrone<sup>1</sup>, G. Yanni<sup>2</sup>, M. Shah<sup>2</sup>, G. Gollin<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, Pediatric Gastroenterology, Loma Linda, CA, USA.

**8.03. Prenatal Measurements of Vessel Size May Improve ECMO Cannulation for Infants with CDH.** S. J. Clark<sup>2,3</sup>, F. Sheikh<sup>2,3</sup>, A. C. Akinkuotu<sup>2,3</sup>, I. J. Zamora<sup>2,3</sup>, T. C. Lee<sup>2,3</sup>, O. O. Olutayo<sup>2,3</sup>, A. Mehollin-Ray<sup>1,3</sup>, D. L. Cass<sup>2,3</sup> <sup>1</sup>Baylor College Of Medicine, Radiology, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA<sup>3</sup>Texas Children's Fetal Center, Houston, TX, USA.

**8.04. Protocol Workup for Suspected Pediatric Appendicitis Limits Computed Tomography Utilization.** J. Tashiro<sup>1</sup>, B. Wang<sup>1</sup>, M. Curbelo<sup>2</sup>, E. A. Perez<sup>1,2</sup>, A. R. Hogan<sup>1,2</sup>, H. L. Neville<sup>1,2</sup>, J. E. Sola<sup>1,2</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA<sup>2</sup>Baptist Children's Hospital, Miami, FL, USA.

**8.05. Atypical Teratoid Rhabdoid Tumors: Epidemiology and Outcomes for 174 Patients.** C. S. Lau<sup>1,3</sup>, K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>Saint George's University, Grenada, Grenada, Grenada.

**8.06. Using Preoperative Imaging to Predict Symptom Improvement in Children with Biliary Dyskinesia.** J. B. Mahida<sup>1,2</sup>, J. P. Sulkowski<sup>1,2</sup>, J. N. Cooper<sup>1</sup>, A. King<sup>1</sup>, K. J. Deans<sup>1,2</sup>, P. C. Minneci<sup>1,2</sup>, D. R. King<sup>2</sup> <sup>1</sup>Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OH, USA<sup>2</sup>Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA.

**8.07. Blunt pancreatic trauma in children: systematic review and meta-analysis of management and outcomes.** A. C. Akinkuotu<sup>1,2</sup>, F. Sheikh<sup>1,2</sup>, A. Olsen<sup>1,2</sup>, B. J. Naik-Mathuria<sup>1,2</sup> <sup>1</sup>Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA.

**8.08. A Simple Caliper Measurement Technique to Quantify Severity of Pectus Excavatum.** C. W. Snyder<sup>1</sup>, P. D. Danielson<sup>1</sup>, S. Farach<sup>1</sup>, N. M. Chandler<sup>1</sup> <sup>1</sup>All Children's Hospital - Johns Hopkins Medicine, Department Of Surgery, St. Petersburg, FL, USA.

**8.09. Giant Omphalocele: Surgical Management and Perinatal Outcomes.** A. C. Akinkuotu<sup>1,2</sup>, F. Sheikh<sup>1,2</sup>, O. Olutayo<sup>1,2,3</sup>, T. Lee<sup>1,2</sup>, C. J. Fernandes<sup>1,3</sup>, S. Welty<sup>1,3</sup>, N. Ayres<sup>1,3</sup>, D. Cass<sup>1,2,3</sup> <sup>1</sup>Texas Children's Hospital, Texas Children's Fetal Center, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA<sup>3</sup>Baylor College Of Medicine, Pediatrics, Houston, TX, USA.

**8.10. Clinical Predictors in the Development of Necrotizing Enterocolitis.** S. Faisal<sup>1</sup>, A. G. Cuenca<sup>1</sup>, S. D. Larson<sup>1</sup>, D. W. Kays<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Gainesville, FL, USA.

**8.11. Analysis of Intestinal Failure in Premature Infants and Premature Infants with Gastroschisis.** D. M. Hook-Dufresne<sup>1</sup>, X. Yu<sup>4</sup>, A. Olsen<sup>1</sup>, L. Putnam<sup>1</sup>, S. D. Moore-Olufemi<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA<sup>4</sup>Baylor College Of Medicine, Pediatric Epidemiology, Houston, TX, USA.

**8.12. Elective Over Selective Silo Placement for Gastroschisis Treatment Results in Increased Morbidity.** A. R. Raines<sup>1</sup>, P. C. Mantor<sup>1</sup>, T. Garwe<sup>1,2</sup>, P. Motghare<sup>2</sup>, J. Hunter<sup>3</sup>, K. Roselius<sup>4</sup>, A. Adeseye<sup>1</sup>, R. Letton<sup>1</sup> <sup>1</sup>University Of Oklahoma College Of Medicine, Surgery, Oklahoma City, OK, USA<sup>2</sup>University Of Oklahoma College Of Medicine, Biostatistics And Epidemiology, Oklahoma City, OK, USA<sup>3</sup>University Of Oklahoma College Of Medicine, Oklahoma City, OK, USA<sup>4</sup>University Of Oklahoma College Of Medicine, College Of Public Health, Oklahoma City, OK, USA.

**8.13. Gastroschisis: Outcomes of Extremely Premature Infants.** T. Nice<sup>1</sup>, R. Russell<sup>1</sup>, N. Fineberg<sup>2</sup>, D. Rogers<sup>1</sup>, C. Martin<sup>1</sup>, B. Chaigaud<sup>1</sup>, S. Anderson<sup>1</sup>, M. Chen<sup>1</sup>, E. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Pediatric Surgery, Birmingham, AL, USA<sup>2</sup>University Of Alabama At Birmingham, School Of Public Health, Birmingham, AL, USA.

**8.14. Giant Cell Tumor of the Bone: Epidemiology and Outcomes for 281 Pediatric and Adult Patients.** T. K. Woleston<sup>1,3</sup>, K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>Rutgers University, New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>St. George's University School Of Medicine, St. George's, ST. GEORGE'S, Grenada.

**8.15. Analysis of Trends Associated with Robotic-Assisted Surgery in Free Standing Children's Hospitals.** J. B. Mahida<sup>1,2</sup>, J. N. Cooper<sup>1</sup>, D. Herz<sup>3</sup>, K. A. Diefenbach<sup>2</sup>, K. J. Deans<sup>1,2</sup>, P. C. Minneci<sup>1,2</sup>, D. J. McLeod<sup>1,3</sup> <sup>1</sup>Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OH, USA<sup>2</sup>Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA<sup>3</sup>Nationwide Children's Hospital, Division Of Pediatric Urology, Columbus, OH, USA.

**8.16. Predictors of Failure of Fish Oil Therapy for Parenteral Nutrition-Associated Liver Disease.** P. Nandivada<sup>1</sup>, S. J. Carlson<sup>1</sup>, M. I. Chang<sup>1</sup>, A. A. O'loughlin<sup>1</sup>, K. M. Gura<sup>1</sup>, M. Puder<sup>1</sup> <sup>1</sup>Children's Hospital Boston, Pediatric Surgery, Boston, MA, USA.

**8.17. Mucoepidermoid Carcinoma in Children: A Population-Based Outcomes Study Involving 221 Patients.** K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>Saint George's University, Department Of Surgery, Grenada, Grenada, Grenada.

**8.18. Is Routine Postoperative Follow-Up Necessary After Common Pediatric Surgical Procedures?** E. M. Knott<sup>1</sup>, S. Suh<sup>2</sup>, B. A. Dalton<sup>1</sup>, T. A. Wattsman<sup>2</sup>, S. D. St. Peter<sup>1</sup>, S. R. Shah<sup>1</sup> <sup>1</sup>Children's Mercy Hospital, Pediatric Surgery, Kansas City, MO, USA<sup>2</sup>Virginia Tech Carilion School Of Medicine, Pediatric Surgery, Roanoke, VA, USA.

**8.19. Frequency of Cardiorespiratory Events in Premature Infants During Observation After Hernia Repair.** E. M. Knott<sup>1</sup>, K. W. Schnell<sup>1</sup>, B. J. Pieters<sup>2</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital, Pediatric Surgery, Kansas City, MO, USA<sup>2</sup>Children's Mercy Hospital, Department Of Anesthesiology, Kansas City, MO, USA.

**8.20. Effect of Variation in Non-operative Management of Acute Complicated Appendicitis in Children.** A. C. Alder<sup>1,2</sup>, M. M. Hagopian<sup>2</sup>, R. I. Renkes<sup>1</sup>, L. Burkhalter<sup>1</sup>, R. P. Foglia<sup>1,2</sup> <sup>1</sup>Children's Medical Center, Pediatric Surgery, Dallas, TX, USA<sup>2</sup>University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA.

7:30AM - 9:30AM

## Integrated Quick Shot Session 9

### OUTCOMES: CLINICAL RESEARCH - TRAUMA / CRITICAL CARE 1

CHOPIN 3

### MODERATORS: Kenji Inaba, MD & Kristan L. Staudenmayer, MD

**9.01. Improving Predictive Value of Trauma Scoring Through Integration of ASA-PS with ISS.** D. Stewart<sup>1</sup>, C. Janowak<sup>1</sup>, H. Jung<sup>1</sup>, A. Liepert<sup>1</sup>, A. O'Rourke<sup>1</sup>, S. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

**9.02. Acute Ethanol Intoxication Inhibits Platelet Function in Healthy Individuals.** A. Slaughter<sup>1,2</sup>, M. P. Chapman<sup>1,2</sup>, A. Banerjee<sup>1</sup>, E. Gonzalez<sup>1,2</sup>, H. B. Moore<sup>1,2</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.

**9.03. BMI is Inversely Proportional to Need for Therapeutic Operation after Abdominal Stab Wound.** M. B. Bloom<sup>1</sup>, E. J. Ley<sup>1</sup>, D. Z. Liou<sup>1</sup>, T. Tran<sup>1</sup>, R. Chung<sup>1</sup>, N. Melo<sup>1</sup>, D. R. Margulies<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA.

**9.04. A Pilot Study of Compensatory Perioperative Nutrition in the SICU: Safety and Effectiveness.** D. D. Yeh<sup>1</sup>, C. Cropano<sup>1</sup>, S. Quraishi<sup>1</sup>, E. Fuentes<sup>1</sup>, H. Kaafarani<sup>1</sup>, J. Lee<sup>1</sup>, Y. Chang<sup>1</sup>, G. D. Velmahos<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Trauma, Emergency Surgery, Surgical Critical Care, Boston, MA, USA.

**9.05. Risk Factors for Intestinal Infection After Burns: A Population-based Outcomes Study of 541 Patients.** K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>St. George's University School Of Medicine, Department Of Surgery, St. George's, St. George's, Grenada.

**9.06. Safety and Effectiveness of Pre-hospital Tourniquet Use in 110 Patients with Extremity Injury.** M. Scerbo<sup>1</sup>, E. Taub<sup>1</sup>, J. P. Mumm<sup>1</sup>, K. S. Gates<sup>1</sup>, J. B. Holcomb<sup>1</sup>, B. A. Cotton<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Acute Care Surgery/ Surgery, Houston, TX, USA.

**9.07. Risk Prediction Model for Mortality in the Moribund Surgical Patient.** L. E. Kuo<sup>1</sup>, G. C. Karakousis<sup>1</sup>, K. D. Simmons<sup>1</sup>, D. N. Holena<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA.

**9.08. The Impact of Ratio Based Blood Products Transfusion on Solid Organ Donations in Trauma Patients.** T. Orouji Jokar<sup>1</sup>, B. Joseph<sup>1</sup>, M. Khalil<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, B. Zangbar<sup>1</sup>, A. Tang<sup>1</sup>, T. O'Keefe<sup>1</sup>, L. Gries<sup>1</sup>, R. Latifi<sup>1</sup>, R. S. Friesse<sup>1</sup>, P. Rhee<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.

**9.09. Complications Associated with Pelvic Fixation Methods in Combined Pelvic and Abdominal Trauma.** R. J. Miskimins<sup>1</sup>, M. Decker<sup>2</sup>, T. R. Howdieshell<sup>1</sup>, S. W. Lu<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, Department Of Orthopedic Surgery, Albuquerque, NM, USA.

**9.10. Effectiveness of Once a Day Enoxaparin for VTE Prophylaxis in the Critically Ill Trauma Patient.** S. Morrissey<sup>1</sup>, N. Ingalls<sup>1</sup>, P. Chestovich<sup>1</sup>, D. Frisch<sup>2</sup>, F. Simon<sup>2</sup>, D. Fraser<sup>1</sup>, J. Fildes<sup>1</sup> <sup>1</sup>University Of Nevada School Of Medicine, Las Vegas, NV, USA<sup>2</sup>University Medical Center Of Southern Nevada, Las Vegas, NV, USA.

**9.11. Defining Fever in the Critically Injured: Test Characteristics of Three Different Thresholds.** V. Polcz<sup>1</sup>, L. Podolsky<sup>2</sup>, O. Sizar<sup>1</sup>, A. Farooq<sup>1</sup>, M. Bukur<sup>1</sup>, I. Puente<sup>1</sup>, F. Habib<sup>1,2</sup> <sup>1</sup>Broward Health Medical Center, Trauma, Ft Lauderdale, FL, USA<sup>2</sup>Florida International University, Surgery, Ft Lauderdale, FL, USA.

**9.12. Prognostic Value of Cardiac Troponin I Following Severe Traumatic Brain Injury.** S. S. Cai<sup>2</sup>, B. W. Bonds<sup>1</sup>, D. M. Stein<sup>1</sup> <sup>1</sup>University Of Maryland, R Adams Cowley Shock Trauma Center, Baltimore, MD, USA<sup>2</sup>University Of Maryland, School Of Medicine, Baltimore, MD, USA.

**9.13. A Case for Less Workup in Near Hangings.** M. Subramanian<sup>1</sup>, L. Liu<sup>1</sup>, T. Sperry<sup>1</sup>, T. Hranjec<sup>1</sup>, C. Minshall<sup>1</sup>, J. Minei<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Burn, Trauma, Critical Care / General Surgery, Dallas, TX, USA.

**9.14. Hospital Readmission after Traumatic Brain Injury: Results from the MarketScan Database.** J. K. Canner<sup>1</sup>, F. Gani<sup>1</sup>, S. Selvarajah<sup>1</sup>, A. H. Haider<sup>1</sup>, E. B. Schneider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA.

**9.15. Administration Of Target Blood Component Ratio During Super Massive Transfusion Protocol.** C. J. Allen<sup>1</sup>, J. P. Meizoso<sup>1</sup>, J. J. Ray<sup>1</sup>, L. F. Teisch<sup>1</sup>, L. Zebib<sup>1</sup>, G. M. Moore<sup>1</sup>, N. Namias<sup>1</sup>, C. I. Schulman<sup>1</sup>, R. Dudaryk<sup>2</sup>, K. G. Proctor<sup>1</sup> <sup>1</sup>University Of Miami, Trauma And Critical Care, Miami, FL, USA<sup>2</sup>University Of Miami, Anaesthesiology, Miami, FL, USA.

**9.16. Metoprolol Improves Survival in Severe Traumatic Brain Injury Independent of Rate Control.** B. Zangbar<sup>1</sup>, P. Rhee<sup>1</sup>, B. Joseph<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, I. Ibrahim-zada<sup>1</sup>, A. Tang<sup>1</sup>, G. Vercruysse<sup>1</sup>, R. S. Friesse<sup>1</sup>, T. O'keeffe<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.

**9.17. Damage Control Resuscitation is Associated with Increased Survival after Severe Splenic Injury.** E. A. Taub<sup>1</sup>, B. Shrestha<sup>1</sup>, B. Tsang<sup>1</sup>, B. A. Cotton<sup>1</sup>, C. E. Wade<sup>1</sup>, J. B. Holcomb<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA.

**9.18. Rates of Pseudoaneurysm in Non-Operative Management of Splenic Injuries.** C. Morrison<sup>1</sup>, J. C. Lee<sup>1</sup>, K. Rittenhouse<sup>1</sup>, M. Kauffman<sup>1</sup>, B. W. Gross<sup>1</sup>, F. Rogers<sup>1</sup> <sup>1</sup>Lancaster General Hospital, Trauma, Lancaster, PA, USA.

**9.19. Surgeon decision making is consistent in trauma patients despite fatigue and patient injury.** D. D. Coffey<sup>1</sup>, C. Spalding<sup>1</sup>, M. S. O'Mara<sup>1</sup> <sup>1</sup>Grant Medical Center / Ohio University, Trauma And Acute Care Surgery / Ohio University Heritage College Of Osteopathic Medicine, Columbus, OHIO, USA.

**9.20. Morphomic Factors are Important for Assessing Risk of Cardiovascular Complications in Trauma Patients.** J. Li<sup>1</sup>, N. Wang<sup>1</sup>, J. Friedman<sup>1</sup>, D. Cron<sup>1</sup>, O. Junttila<sup>1</sup>, M. Terjimanian<sup>1</sup>, E. Chang<sup>1</sup>, S. C. Wang<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: CLINICAL RESEARCH - TRAUMA / CRITICAL CARE 2

CHOPIN 4

#### MODERATORS: Brandon R. Bruns, MD & Martin A. Schreiber, MD, FACS

**10.01. Characteristics and Resource Utilization in Pediatric Blunt and Penetrating Trauma.** J. W. Nielsen<sup>1</sup>, J. Shi<sup>2</sup>, K. Wheeler<sup>2</sup>, H. Xiang<sup>2</sup>, B. D. Kenney<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA<sup>2</sup>Nationwide Children's Hospital, Center For Injury Research And Policy At The Research Institute, Columbus, OH, USA.

**10.02. Identification of risk factors for cervical spine injury from pediatric trauma registry.** A. S. Chaudhry<sup>1</sup>, S. Bloom<sup>1</sup>, J. McGinn<sup>1</sup>, C. Fasanya<sup>1</sup>, J. Schulz<sup>1</sup>, M. Price<sup>1</sup> <sup>1</sup>North Shore University And Long Island Jewish Medical Center, Staten Island University Hospital/ Surgery, Manhasset, NY, USA.

**10.03. Predictors of Mortality Following Pediatric Burns: a 20-year Review of an ABA-verified Burn Center.** J. P. Meizoso<sup>1</sup>, C. J. Allen<sup>1</sup>, J. J. Ray<sup>1</sup>, C. M. Thorson<sup>1</sup>, L. R. Pizano<sup>1</sup>, N. Namias<sup>1</sup>, K. G. Proctor<sup>1</sup>, J. E. Sola<sup>2</sup>, C. I. Schulman<sup>1</sup> <sup>1</sup>University Of Miami, Trauma, Surgical Critical Care, And Burns, Miami, FL, USA<sup>2</sup>University Of Miami, Pediatric And Adolescent Surgery, Miami, FL, USA.

**10.04. Outcomes in Pediatric Trauma Patients: 'Alerted' vs. 'Non-Alerted'.** C. G. Dessaigne<sup>1</sup>, K. J. Caldwell<sup>1</sup>, S. D. Larson<sup>1</sup>, J. A. Taylor<sup>1</sup>, D. W. Kays<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Gainesville, FL, USA.

**10.05. Epidemiology and Cause-Specific Outcome of Facial Fracture in Hospitalized Children in the US.** T. Soleimani<sup>1</sup>, T. M. Bell<sup>2</sup>, Y. Tahiri<sup>1</sup>, R. Sood<sup>1</sup>, R. L. Flores<sup>1</sup>, N. Nosrati<sup>1</sup>, S. S. Tholpady<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Plastic Surgery, Indianapolis, IN, USA<sup>2</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA.

**10.06. Predictors of Mortality in Pediatric Urban Firearm Injuries.** J. Tashiro<sup>1</sup>, C. J. Allen<sup>2</sup>, E. A. Perez<sup>1</sup>, H. L. Neville<sup>1</sup>, C. I. Schulman<sup>2</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Division Of Trauma And Critical Care, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA.

**10.08. Dysphagia: An Underappreciated Complication in Cervical Spine Injury.** J. C. Lee<sup>1</sup>, A. Vellucci<sup>1</sup>, B. W. Gross<sup>1</sup>, K. J. Rittenhouse<sup>1</sup>, C. Morrison<sup>1</sup>, F. B. Rogers<sup>1</sup> <sup>1</sup>Lancaster General Hospital, Trauma, Lancaster, PENNSYLVANIA, USA.

**10.09. Timing Is Not Everything: National Survey of Emergency Department Thoracotomy Practice.** B. M. Dennis<sup>1</sup>, A. J. Medvecz<sup>2</sup>, O. L. Gunter<sup>1</sup>, O. D. Guillaumondegui<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Division Of Trauma And Surgical Critical Care, Nashville, TN, USA<sup>2</sup>Vanderbilt University Medical Center, Department Of General Surgery, Nashville, TN, USA.

**10.10. Does Hyperthermia On Admission Predict Poor Outcomes After Trauma?** A. Batool<sup>1</sup>, X. Tang<sup>2</sup>, F. Toy<sup>1</sup>, N. Becker<sup>1</sup> <sup>1</sup>Geisinger Wyoming Valley Hospital, Department Of Trauma Surgery, Wilkes Barre, PA, USA<sup>2</sup>Geisinger Medical Center, Department Of Biostatistics, Danville, PA, USA.

**10.11. Investigating the relationship between weather and violence in Baltimore, Maryland, USA.** S. J. Michel<sup>1</sup>, H. Wang<sup>1</sup>, S. Selvarajah<sup>1</sup>, M. Murrill<sup>1</sup>, A. Chi<sup>1</sup>, D. T. Efron<sup>1</sup>, E. B. Schneider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.

**10.12. Radiologic Interpretation of Nutrition at Base of Spine**

**(RIBS) – Reliability and Reproducibility.** I. Shnaydman<sup>1</sup>, J. McLatchy<sup>1</sup>, R. Barrera<sup>1</sup> <sup>1</sup>North Shore University And Long Island Jewish Medical Center, Manhasset, NY, USA.

**10.13. Low Level Falls In The Elderly: Think Spinal Column Fracture.** N. Joseph<sup>1</sup>, J. A. Vosswinkel<sup>1</sup>, J. E. McCormack<sup>1</sup>, E. C. Huang<sup>1</sup>, D. N. Rutigliano<sup>1</sup>, M. J. Shapiro<sup>1</sup>, R. S. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Trauma, Stony Brook, NY, USA.

**10.14. Factors Associated With Failure-to-rescue in Patients Undergoing Trauma Laparotomy.** B. Zangbar<sup>1</sup>, B. Joseph<sup>1</sup>, V. Pandit<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, T. O'keeffe<sup>1</sup>, M. Khalil<sup>1</sup>, A. Tang<sup>1</sup>, G. Vercruysse<sup>1</sup>, R. Latifi<sup>1</sup>, R. S. Friese<sup>1</sup>, P. Rhee<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.

**10.15. Evidence-Based Transfusion Guidelines Markedly Decrease Inappropriate Transfusions in a Surgical ICU.** M. Sethi<sup>1</sup>, C. T. Wilson<sup>1</sup>, P. R. Ayoung-Chee<sup>1</sup>, G. Marshall<sup>1</sup>, S. G. Frangos<sup>1</sup>, H. Diaz<sup>1</sup>, S. R. Todd<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Surgery, New York, NY, USA.

**10.16. "Doublecheck" Technique of Bedside Post Pyloric Feeding Tube Placement Using Transnasal Endoscopy.** T. Nishimura<sup>1</sup>, H. Sakata<sup>1</sup>, T. Yamada<sup>1</sup>, A. Hashimoto<sup>1</sup>, K. Kohama<sup>1</sup>, J. Kotani<sup>1</sup>, A. Nakao<sup>1</sup> <sup>1</sup>Hyogo College Of Medicine, Department Of Emergency And Critical Care Medicine, Mukogawacyo 1-1, Nishinomiya City, HYOGO PREFECTURE, Japan.

**10.17. Initial Screening Test For Blunt Cerebrovascular Injury: Validity Assessment Of Whole-Body CT.** A. Laser<sup>1</sup>, B. R. Bruns<sup>1,3</sup>, J. A. Kufera<sup>3,4</sup>, R. Tesoriero<sup>1,3</sup>, C. W. Sliker<sup>2,3</sup>, T. M. Scalea<sup>1,3</sup>, D. M. Stein<sup>1,3</sup> <sup>1</sup>University Of Maryland, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>University Of Maryland, Department Of Diagnostic Radiology & Nuclear Medicine, Baltimore, MD, USA<sup>3</sup>University Of Maryland, R Adams Cowley Shock Trauma Center, Baltimore, MD, USA<sup>4</sup>National Study Center For Trauma & EMS, Baltimore, MD, USA.

**10.18. Pyoderma Gangrenosum: An Analysis of 2273 Cases - Demographics, Treatments and Outcomes.** S. E. Sasor<sup>1</sup>, T. Soleimani<sup>1</sup>, R. L. Flores<sup>1</sup>, R. Sood<sup>1</sup>, J. Socas<sup>1</sup>, Y. Tahiri<sup>1</sup>, W. Wooden<sup>1</sup>, I. A. Munshi<sup>1</sup>, S. S. Tholpady<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Plastic Surgery, Indianapolis, IN, USA.

**10.19. Prognosticating Abdominal Gunshot Wounds – A Comparative Assessment of Severity Measures.** A. A. Shah<sup>1,2</sup>, A. Rehman<sup>2</sup>, S. Shah<sup>2</sup>, H. Zafar<sup>2</sup>, C. K. Zogg<sup>1</sup>, S. Zafar<sup>3</sup>, Z. Rehman<sup>2</sup>, Y. Bashir<sup>2</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Aga Khan University Medical College, Department Of Surgery, Karachi, Sindh, Pakistan<sup>3</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA.

**10.20. Changes in Blast Trauma Patterns among Colombian Soldiers.** J. C. Gomez-Rodriguez<sup>1</sup>, M. Swaroop<sup>3</sup>, D. A. Annaya<sup>2</sup>, C. A. FRANCO CORREDOR<sup>5</sup>, C. E. VELEZ<sup>1</sup>, W. Sanchez Maldonado<sup>4</sup> <sup>1</sup>Hospital Militar De Oriente, General Surgery And Trauma, Villavicencio, Colombia<sup>2</sup>Baylor College Of Medicine, Surgical Oncology, Houston, TX, USA<sup>3</sup>Northwestern University, Trauma And Critical Care, Chicago, IL, USA<sup>4</sup>Hospital Militar Central, Bogota, Colombia<sup>5</sup>Jefatura De Sanidad Del Ejército De Colombia, Bogota, Colombia.

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: CER/PCOR - GENERAL SURGERY

DEBUSSY 1

#### MODERATORS: Electron Kebebew, MD & Kyle A. Perry, MD

- 11.01. Per Oral Endoscopic Myotomy (POEM) Improves Patient Symptoms and Quality of Life.** J. S. Schwartz<sup>1</sup>, M. P. Meara<sup>1</sup>, J. W. Hazey<sup>1</sup>, K. A. Perry<sup>1</sup> <sup>1</sup>Ohio State University, Division Of General And Gastrointestinal Surgery, Columbus, OH, USA.
- 11.02. Just an Appendectomy? Outcomes of Appendectomy in Patients with End-Stage Renal Disease.** M. C. Smith<sup>1</sup>, M. R. Boylan<sup>2,3</sup>, R. Lee<sup>1</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>SUNY Downstate School Of Public Health, Department Of Epidemiology And Biostatistics, Brooklyn, NY, USA<sup>3</sup>SUNY Downstate College Of Medicine, Brooklyn, NY, USA.
- 11.03. A Systems Engineering Evaluation to Readmission Following Complex Surgery.** A. W. Acher<sup>1,4</sup>, T. J. LeCaire<sup>1,4</sup>, A. S. Hundt<sup>2</sup>, C. C. Greenberg<sup>1,2,3,4</sup>, P. Carayon<sup>2,3</sup>, S. M. Weber<sup>1,4</sup> <sup>4</sup>University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA<sup>1</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Department Of Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Center For Quality & Productivity Improvement, Madison, WI, USA<sup>3</sup>University Of Wisconsin, Department Of Industrial And Systems Engineering, College Of Engineering, Madison, WI, USA.
- 11.04. Predictors of Mortality in Abdominal Compartment Syndrome from the National Inpatient Sample.** S. Ross<sup>1</sup>, P. Fischer<sup>1</sup>, K. Dahey<sup>1</sup>, C. Huntington<sup>1</sup>, T. Cox<sup>1</sup>, L. Blair<sup>1</sup>, B. T. Heniford<sup>1</sup>, V. Augenstein<sup>1</sup>, A. B. Christmas<sup>1</sup>, R. Sing<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Charlotte, NC, USA.
- 11.05. Predicting Wound Complications by Pre-operative CT Measurements in Open Ventral Hernia Repair (OVHR).** S. W. Ross<sup>1</sup>, J. D. Watkins<sup>1</sup>, L. J. Blair<sup>1</sup>, A. E. Lincourt<sup>1</sup>, V. A. Augenstein<sup>1</sup>, B. T. Heniford<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Charlotte, NC, USA.
- 11.06. Efficacy of a Single PTH Measurement Protocol for Prediction of Hypocalcaemia after Thyroidectomy.** J. Y. Liu<sup>1</sup>, C. J. Weber<sup>1</sup>, M. McCullough<sup>1</sup>, J. Sharma<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, General Surgery, Atlanta, GA, USA.
- 11.07. High Volume of Emergency General Surgery Cases Is Associated With Better Outcomes.** V. Pandit<sup>1</sup>, P. Rhee<sup>1</sup>, B. Zangbar<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, M. Khalil<sup>1</sup>, T. O'Keeffe<sup>1</sup>, A. Tang<sup>1</sup>, D. J. Green<sup>1</sup>, G. Vercruysse<sup>1</sup>, R. S. Friese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.
- 11.08. Do Probiotics/Synbiotics Reduce Postoperative Sepsis in Abdominal Surgery? - A Meta-analysis.** S. Arumugam<sup>1</sup>, K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA.
- 11.09. Disparities In Management Of Patients With Colorectal Disease: Impact Of Urbanization And Specialized Care.** V. Pandit<sup>1</sup>, B. Joseph<sup>1</sup>, H. Aziz<sup>1</sup>, M. Iyob<sup>1</sup>, V. Nfonsam<sup>1</sup> <sup>1</sup>University Of Arizona, Surgical Oncology/Surgery/Medicine, Tucson, AZ, USA.
- 11.10. Is Patient Satisfaction an Accurate Predictor of Patient Outcomes?** M. Garg<sup>1</sup>, K. Hu<sup>1</sup>, C. Davian<sup>1</sup>, D. Polk<sup>1</sup>, A. Sugiyama<sup>1</sup>, E. Chin<sup>1</sup>, S. Nguyen<sup>1</sup>, S. Nguyen<sup>1</sup>, L. Zhang<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.
- 11.11. Predictors of Morbidity and Mortality in Ambulatory Surgery.** D. R. Cummings<sup>1</sup>, M. Garg<sup>1</sup>, C. Divino<sup>1</sup> <sup>1</sup>Icahn School Of Medicine At Mount Sinai, Department Of Surgery, New York, NY, USA.
- 11.12. Who's Ordering the CT Anyway? Frequency of CT Scan Use in Suspected Acute Appendicitis.** W. Boyan<sup>1</sup>, A. Dinallo<sup>1</sup>, B. Protyniak<sup>1</sup>, M. Farr<sup>2</sup>, M. Goldfarb<sup>1</sup> <sup>1</sup>Monmouth Medical Center, Surgery, Long Branch, NJ, USA<sup>2</sup>Saint George's University, Grenada, Grenada, Grenada.
- 11.13. Mini-Lap With Adjunctive Care Vs. Laparoscopy for Placement of Gastric Electrical Stimulation.** M. G. Hughes<sup>1</sup>, B. Cacchione<sup>1</sup>, E. Miller<sup>2</sup>, L. McElmurray<sup>2</sup>, R. Allen<sup>3</sup>, A. Stocker<sup>2</sup>, T. L. Abell<sup>2</sup> <sup>1</sup>University Of Louisville, Surgery, Louisville, KY, USA<sup>2</sup>University Of Louisville, Medicine, Louisville, KY, USA<sup>3</sup>KentuckyOne Health, Anesthesiology, Louisville, KY, USA.
- 11.14. Continuous versus interrupted fascial closure of midline laparotomy incisions. A meta-analysis.** V. Chakravorty<sup>1,2</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada<sup>3</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA.
- 11.15. Preoperative Biliary Drainage for Obstructive Jaundice Does Not Improve Outcomes: A Meta-Analysis.** K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>Saint George's University, Department Of Surgery, Grenada, Grenada, Grenada.
- 11.16. Identifying Risk Factors for Complications Following Ventral Hernia Repair in the Elderly Patient.** E. Ohlrogge<sup>1</sup>, K. O'Connell<sup>1</sup>, T. Webb<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Trauma/ Critical Care, Milwaukee, WI, USA.
- 11.17. Pre-operative Oral Carbohydrate Supplementation Improves Clinical Outcomes: A Meta-analysis.** T. K. Woleston<sup>1,3</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>Rutgers University, Department Of Surgery, Newark, NJ, USA<sup>3</sup>St. George's University School Of Medicine, St. George's, ST. GEORGE'S, Grenada.
- 11.18. OBESITY IS A PREDICTOR OF BILE DUCT INJURIES.** H. Aziz<sup>1</sup>, T. Jie<sup>1</sup>, V. Nfonsam<sup>1</sup> <sup>1</sup>University Of Arizona, Tucson, AZ, USA.
- 11.19. Study of routine upper gastrointestinal study to evaluate for leak after roux-en-Y gastric bypass.** S. Gambhir<sup>1</sup>, P. Yenumula<sup>1</sup>, C. Moon<sup>1</sup>, P. Haan<sup>1</sup>, S. Kavuturu<sup>1</sup> <sup>1</sup>Michigan State University, Surgery, Lansing, MI, USA.
- 11.20. Nutritional And Psychiatric Weight Loss Predictors Following Bariatric Surgery.** B. T. Fox<sup>1</sup>, E. Y. Chen<sup>1</sup>, A. Suzo<sup>2</sup>, S. A. Jolles<sup>1</sup>, J. A. Greenberg<sup>1</sup>, G. M. Campos<sup>1</sup>, M. J. Garren<sup>1</sup>, C. I. Voils<sup>3,4</sup>, L. M. Funk<sup>1</sup> <sup>3</sup>Center For Health Services Research In Primary Care, Department Of Veterans Affairs, Durham, NC, USA<sup>4</sup>Duke University Medical Center, Department Of Medicine, Durham, NC, USA<sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA<sup>2</sup>Ohio State University, Department Of Surgery, Columbus, OH, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: CER/PCOR - PEDIATRICS

DEBUSSY 2

#### MODERATORS: Fizan Abdullah, MD, PhD & Timothy Lee, MD

**12.01. Variability In Same Day Discharge For Pediatric Appendicitis: An Analysis Of The KID database.** T. A. Oyetunji<sup>1</sup>, E. M. Knott<sup>1</sup>, A. Desai<sup>1</sup>, B. Dalton<sup>1</sup>, K. W. Schnell<sup>1</sup>, J. J. Dehmer<sup>1</sup>, P. Aguayo<sup>1</sup>, B. C. Nwomeh<sup>2</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Surgery, Kansas City, MO, USA<sup>2</sup>Nationwide Children's Hospital, Columbus, OH, USA.

**12.02. Pediatric Lung Malformations: Resource Utilization and Outcomes following Resection.** J. Tashiro<sup>1</sup>, J. E. Sola<sup>1</sup>, H. L. Neville<sup>1</sup>, A. R. Hogan<sup>1</sup>, E. A. Perez<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA.

**12.03. Cost and Utilization Varies with Procedure Type in Pediatric Gastrointestinal Foreign Bodies.** J. Tashiro<sup>1</sup>, R. S. Kennedy<sup>1</sup>, E. A. Perez<sup>1</sup>, F. Mendoza<sup>2</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA<sup>2</sup>Baptist Children's Hospital, Children's Emergency Center, Miami, FL, USA.

**12.04. Helicopter Transport in Pediatric Trauma Patients: Are There Improved Outcomes?** S. M. Farach<sup>1</sup>, L. Bendure<sup>1</sup>, P. D. Danielson<sup>1</sup>, E. Amankwah<sup>2</sup>, N. M. Chandler<sup>1</sup>, N. E. Walford<sup>1</sup> <sup>1</sup>All Children's Hospital Johns Hopkins Medicine, Pediatric Surgery, Saint Petersburg, FLORIDA, USA<sup>2</sup>All Children's Hospital Johns Hopkins Medicine, Clinical And Translational Research Organization, Saint Petersburg, FLORIDA, USA.

**12.05. Timing of Post-Op CT Scans for Abscess in Children with Complicated Appendicitis.** J. W. Nielsen<sup>1</sup>, K. Kurtovic<sup>1</sup>, B. Kenney<sup>1</sup>, K. Diefenbach<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA.

**12.06. Histrelin Implant Treatment of Central Precocious Puberty: A Single Center Experience.** S. F. Rosati<sup>1</sup>, D. Parrish<sup>1</sup>, J. Haynes<sup>2</sup>, K. Brown<sup>3</sup>, M. Poppe<sup>3</sup>, D. Lanning<sup>2</sup> <sup>2</sup>Virginia Commonwealth University, Division Of Pediatric Surgery, Richmond, VA, USA<sup>3</sup>Virginia Commonwealth University, School Of Medicine, Richmond, VA, USA<sup>1</sup>Virginia Commonwealth University, Department Of General Surgery, Richmond, VA, USA.

**12.07. Surgical Management of Bronchopulmonary Malformations: Comparing Thoracoscopic and Open Approaches.** J. Tashiro<sup>1</sup>, A. Wagenaar<sup>1</sup>, A. C. Hirzel<sup>2</sup>, L. I. Rodriguez<sup>3</sup>, E. A. Perez<sup>1</sup>, A. R. Hogan<sup>1</sup>, H. L. Neville<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Department Of Pathology, Miami, FL, USA<sup>3</sup>University Of Miami, Department Of Anesthesiology, Miami, FL, USA.

**12.08. Pectus Excavatum-To Randomize or Not To Randomize.** B. G. Dalton<sup>1</sup>, K. W. Schnell<sup>1</sup>, A. A. Desai<sup>1</sup>, S. W. Sharp<sup>1</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA.

**12.09. Same Day Discharge of Pediatric Laparoscopic Cholecystectomy Patients.** B. G. Dalton<sup>1</sup>, K. W. Schnell<sup>1</sup>, E. M. Knott<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, Pediatric Surgery, Kansas City, MO, USA.

**12.10. Predictors of Wound Hypergranulation in Pediatric Burns.** K. B. Savoie<sup>1</sup>, M. Bachier-Rodriguez<sup>1</sup>, R. B. Interiano<sup>1</sup>, A. Rotenberry<sup>2</sup>, L. S. Herring<sup>2</sup>, J. W. Eubanks<sup>1,2</sup>, R. F. Williams<sup>1,2</sup> <sup>1</sup>University Of Tennessee Health Science Center, General Surgery, Memphis, TN, USA<sup>2</sup>Le Bonheur Children's Hospital, Pediatric Surgery And Trauma, Memphis, TN, USA.

**12.11. Pediatric Papillary Thyroid Carcinoma: Outcomes and Survival Predictors in 2,566 Patients.** S. Golpanian<sup>1</sup>, J. Tashiro<sup>1</sup>, J. I. Lew<sup>2</sup>, H. L. Neville<sup>1</sup>, J. E. Sola<sup>1</sup>, E. A. Perez<sup>1</sup>, A. R. Hogan<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Division Of Endocrine Surgery, Miami, FL, USA.

**12.12. Epidural versus Patient-Controlled Analgesia for Pain Control after Pediatric Thoracotomy.** K. W. Gonzalez<sup>1</sup>, B. G. Dalton<sup>1</sup>, P. Thomas<sup>1</sup>, S. W. Sharp<sup>1</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA.

**12.13. Long Term Outcome and State of Health After Fundoplication: Impact of Requiring a Redo Operation.** E. Perrone<sup>1</sup>, J. Baerg<sup>1</sup>, R. Vannix<sup>1</sup>, D. Thorpe<sup>1</sup>, A. Gasior<sup>2</sup>, S. St Peter<sup>2</sup> <sup>1</sup>Loma Linda University And Children's Hospital, Pediatric Surgery, Loma Linda, CA, USA<sup>2</sup>Children's Mercy Hospital, Pediatric Surgery, Kansas City, MO, USA.

**12.14. Comparing Outcomes of Admission Patterns in Pediatric Trauma Patients with Isolated Injuries.** S. M. Farach<sup>1</sup>, P. D. Danielson<sup>1</sup>, E. Amankwah<sup>2</sup>, N. M. Chandler<sup>1</sup> <sup>1</sup>All Children's Hospital Johns Hopkins Medicine, Pediatric Surgery, Saint Petersburg, FLORIDA, USA<sup>2</sup>All Children's Hospital Johns Hopkins Medicine, Clinical And Translational Research Organization, Saint Petersburg, FLORIDA, USA.

**12.15. Post-operative analgesia after laparoscopic appendectomy in children.** R. Baird<sup>1</sup>, R. Mujallid<sup>2</sup>, P. Ingelmo<sup>2</sup>, S. Emil<sup>1</sup> <sup>1</sup>McGill University, Pediatric Surgery, Montreal, QC, Canada<sup>2</sup>McGill University, Pediatric Anesthesia, Montreal, QC, Canada.

**12.16. Parental & Volunteer Perception of Pyloric Scars: Comparing Lap, Open, & Non-Surgical Volunteers.** S. R. Shah<sup>1</sup>, C. Archer<sup>2</sup>, D. J. Ostlie<sup>2</sup>, S. W. Sharp<sup>1</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital / University Of Missouri - Kansas City, Section Of Pediatric General And Thoracic Surgery, Kansas City, MO, USA<sup>2</sup>American Family Children's Hospital / University Of Wisconsin, Division Of Pediatric Surgery, Madison, WI, USA.

**12.17. Management of Appendiceal Carcinoid Tumors in Children.** S. C. Fallon<sup>1</sup>, M. J. Hicks<sup>2</sup>, J. L. Beer<sup>1</sup>, S. A. Vasudevan<sup>1</sup>, J. G. Nuchtern<sup>1</sup>, D. L. Cass<sup>1</sup> <sup>1</sup>Texas Children's Hospital, Division Of Pediatric Surgery, Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX, USA<sup>2</sup>Texas Children's Hospital, Department Of Pathology, Houston, TX, USA.

**12.18. Management and Outcomes in Earlobe Keloids in Children.** N. Drucker<sup>1</sup>, D. W. Kays<sup>1</sup>, S. D. Larson<sup>1</sup>, J. A. Taylor<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Gainesville, FL, USA.

**12.20. Pediatric Non-Papillary Thyroid Carcinoma.** E. A. Perez<sup>1</sup>, J. Tashiro<sup>1</sup>, S. Golpanian<sup>1</sup>, J. I. Lew<sup>2</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 Miller School Of Medicine, DeWitt Daughtry Family, Department Of Surgery, Division Of Pediatric Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Division Of Endocrine Surgery, DeWitt Daughtry Family, Department Of Surgery, Miami, FL, USA.

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: COST EFFECTIVENESS AND CLINICAL PEDIATRICS

ENCORE 1

#### MODERATORS: Carrie Lubitz, MD & Cord Sturgeon, MD

- 13.01. The Impact of Electronic Medical Record Implementation on Operating Room Efficiency.** R. C. Frazee<sup>1</sup>, A. Carnes<sup>1</sup>, Y. Munoz Maldonado<sup>1</sup>, T. Bittenbinder<sup>1</sup>, H. Papaconstantinou<sup>1</sup> <sup>1</sup>Scott & White Healthcare, Departments Of Surgery And Anesthesia, Temple, Texas, USA.
- 13.02. Benefit of Hepatic Resection Versus Intra-Arterial Therapies for Neuro-Endocrine Liver Metastases.** G. Spolverato<sup>1</sup>, A. Vitale<sup>1</sup>, A. Ejaz<sup>1</sup>, Y. Kim<sup>1</sup>, J. Geschwind<sup>1</sup>, C. Wolfgang<sup>1</sup>, M. Weiss<sup>1</sup>, T. M. Pawlik<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.
- 13.03. Preventable Comorbidities (PCm) Effect on Open Ventral Hernia Repair (OVHR).** T. C. Cox<sup>1</sup>, L. J. Blair<sup>1</sup>, C. R. Huntington<sup>1</sup>, P. D. Colavita<sup>1</sup>, A. E. Lincourt<sup>1</sup>, B. T. Heniford<sup>1</sup>, V. A. Augenstein<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA.
- 13.04. Operating Room Material Costs: What Do Attending Surgeons and Surgical Residents Know?** A. D. Newton<sup>1</sup>, G. Savulionyte<sup>1</sup>, K. R. Dumon<sup>1</sup>, J. Anderson<sup>1</sup>, V. Salasky<sup>1</sup>, D. T. Dempsey<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Surgery, Pennsylvania, PA, USA.
- 13.05. Outpatient Versus Inpatient Thyroidectomy: A Cost minimization Analysis.** E. Y. Cabrera Riascos<sup>1</sup>, A. E. Sanabria Quiroga<sup>1</sup>, L. C. Dominguez Torres<sup>1</sup>, P. A. Cifuentes Grillo<sup>1</sup>, A. E. Sanabria Quiroga<sup>1</sup> <sup>1</sup>Universidad De La Sabana, General Surgery/Head And Neck Surgery, Chia, CUNDINAMARCA, Colombia.
- 13.06. The Diagnostic Dilemma of Identifying Perforated Appendicitis.** Z. Farzal<sup>1,2</sup>, Z. Farzal<sup>1,2</sup>, N. Khan<sup>2</sup>, A. Fischer<sup>3</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA<sup>2</sup>Children's Medical Center, Pediatric Surgery, Dallas, TX, USA<sup>3</sup>Beaumont Children's Hospital, Pediatric Surgery, Royal Oak, MI, USA.
- 13.07. Variation in Individual Surgeon Practice in the Treatment of Appendicitis.** S. C. Fallon<sup>1</sup>, W. Zhang<sup>1</sup>, M. E. Lopez<sup>1</sup>, M. L. Brandt<sup>1</sup>, M. E. Kim<sup>1</sup>, J. R. Rodriguez<sup>1</sup>, M. V. Mazziotti<sup>1</sup>, D. E. Wesson<sup>1</sup>, J. G. Nuchtern<sup>1</sup>, E. S. Kim<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Division Of Pediatric Surgery, Houston, TX, USA.
- 13.08. The Cost of Gastroschisis: Has Anything Changed?** D. M. Hook-Dufresne<sup>1</sup>, X. Yu<sup>3</sup>, V. Bandla<sup>2</sup>, E. Imseis<sup>2</sup>, S. D. Moore-Olufemi<sup>1</sup> <sup>1</sup>The University Of Texas Health Science Center Houston, Pediatric Surgery, Houston, TX, USA<sup>2</sup>The University Of Texas Health Science Center Houston, Pediatric Gastroenterology, Houston, TEXAS, USA<sup>3</sup>Baylor College Of Medicine, Pediatric Epidemiology, Houston, TEXAS, USA.
- 13.09. Bariatric Surgery and its Cost-Effectiveness in an Adolescent Population.** S. Bairdain<sup>1</sup>, M. Samnaliev<sup>2</sup> <sup>1</sup>Boston Children's Hospital, Department Of Pediatric Surgery, Boston, MA, USA<sup>2</sup>Boston Children's Hospital, Harvard Medical School, Boston, MA, USA.
- 13.10. DIEP Flaps Offer Lower Complication Rates, Shorter Hospitalizations at Higher Cost.** D. J. Gerth<sup>1</sup>, J. Tashiro<sup>1</sup>, S. R. Thaller<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Plastic Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA.
- 13.11. Free TRAM Flaps Have Higher Resource Utilization, More Complications vs. Pedicled Flaps.** D. J. Gerth<sup>1</sup>, J. Tashiro<sup>1</sup>, S. R. Thaller<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Plastic Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA.
- 13.12. Financial Implications of Managing Penetrating Trauma Patients to an Acute Care Surgery Service.** B. C. Branco<sup>1</sup>, P. Rhee<sup>1</sup>, B. Joseph<sup>1</sup>, A. L. Tang<sup>1</sup>, G. Vercruysse<sup>1</sup>, T. O'Keeffe<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma, Tucson, AZ, USA.
- 13.13. Do Healthcare Professionals Practice Evidence Based Medicine?** R. Kaur<sup>1</sup>, E. Chang<sup>1</sup>, P. Chung<sup>1</sup>, S. Hahn<sup>1</sup>, D. Chang<sup>1</sup>, A. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>SUNY Downstate, BROOKLYN, NY - NEW YORK, USA.
- 13.14. Resource Utilization in Pediatric Skin and Soft Tissue Infections.** M. Veenstra<sup>1,2</sup>, A. Hartner<sup>2</sup>, B. Kumar<sup>2</sup>, P. Mahajan<sup>2</sup>, B. Asmar<sup>2</sup>, M. Klein<sup>1,2</sup> <sup>1</sup>Detroit Medical Center, Detroit, MI, USA<sup>2</sup>Children's Hospital Of Michigan, Pediatric Surgery, Detroit, MI, USA.
- 13.15. Indications And Outcomes For Nissen Fundoplication In Infants Less than 6 Months Of Age.** J. Yoon<sup>1</sup>, J. Gross<sup>1</sup>, S. Burjonrappa<sup>1</sup> <sup>1</sup>St. Joseph's Regional Medical Center, Surgery/Pediatric Surgery, Patterson, NJ, USA.
- 13.17. Temporal Variation of Non-Perforated and Perforated Appendicitis in the United States.** A. A. Desai<sup>1</sup>, K. W. Schnell<sup>1</sup>, B. G. Dalton<sup>1</sup>, S. D. St. Peter<sup>1</sup>, C. L. Snyder<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO, USA.
- 13.18. Pediatric Ulcerative Colitis: Comparison of 30-day outcomes for laparoscopic and open colectomy.** J. B. Mahida<sup>1,2</sup>, L. Asti<sup>1</sup>, P. C. Minneci<sup>1,2</sup>, K. J. Deans<sup>1,2</sup>, B. C. Nwomeh<sup>2</sup> <sup>1</sup>Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OH, USA<sup>2</sup>Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA.
- 13.19. Increased height associated with patients with pectus excavatum and pectus carinatum.** A. A. Desai<sup>1</sup>, H. Alemayehu<sup>1</sup>, B. G. Dalton<sup>1</sup>, K. W. Schnell<sup>1</sup>, S. D. St. Peter<sup>1</sup>, C. L. Snyder<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shot Session I

OUTCOMES: GLOBAL SURGERY

ENCORE 3

**MODERATORS: Ai-Xuan Holterman, MD & Sanjay Krishnaswami, MD**

**14.01. Partnerships in Global Surgery: Do Short-Term Surgical Teams Increase Operative Volume?** S. R. Addington<sup>1</sup>, A. Matousek<sup>1,3</sup>, C. Exe<sup>2</sup>, R. R. Jean-Louis<sup>2</sup>, H. Sannon<sup>2</sup>, J. G. Meara<sup>3</sup>, R. Riviello<sup>1,3</sup> <sup>1</sup>Brigham And Women's Hospital, The Center Of Surgery And Public Health, Boston, MA, USA<sup>2</sup>Hospital Albert Schweitzer, Deschanelles, ARTIBONITE, Haiti<sup>3</sup>Harvard Medical School, The Program In Global Surgery And Social Change, Department Of Global Health And Social Medicine, Boston, MA, USA.

**14.02. Measuring Surgical Outcomes in Rural Haiti: Choosing a Target for Quality Improvement.** A. C. Matousek<sup>1,3</sup>, S. Addington<sup>1</sup>, C. Exe<sup>2</sup>, R. R. Jean-Louis<sup>2</sup>, J. G. Meara<sup>3,4</sup>, R. Riviello<sup>1,3</sup> <sup>1</sup>The Center For Surgery And Public Health, Brigham And Women's Hospital, Surgery, Boston, MA, USA<sup>2</sup>Hospital Albert Schweitzer, Deschanelles, ARTIBONITE, Haiti<sup>3</sup>Harvard Medical School, Program In Global Surgery And Social Change, Department Of Global Health And Social Medicine, Boston, MA, USA.

**14.03. Estimating Global Access to Surgical Care with Geospatial Mapping of Surgical Providers.** N. P. Raykar<sup>1,2,3</sup>, A. N. Bowder<sup>3,4</sup>, M. P. Vega<sup>3</sup>, J. Kim<sup>3,5</sup>, G. N. Boye<sup>2</sup>, S. L. Greenberg<sup>2,3,6</sup>, J. N. Riese<sup>2,3,7</sup>, R. D. Gillies<sup>3</sup>, J. G. Meara<sup>2,3</sup>, N. Roy<sup>8</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Boston, MA, USA<sup>2</sup>Children's Hospital Boston, Boston, MA, USA<sup>3</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Brookline, MA, USA<sup>4</sup>University Of Nebraska College Of Medicine, Omaha, NE, USA<sup>5</sup>Tufts Medical Center, Boston, MA, USA<sup>6</sup>Medical College Of Wisconsin, Milwaukee, WI, USA<sup>7</sup>Massachusetts General Hospital, Boston, MA, USA<sup>8</sup>BARC Hospital, Mumbai, MH, India.

**14.04. Improving Surgical Capacity in a Low Resource Setting: the Rwanda Human Resources for Health Program.** A. Costas<sup>1,2,4</sup>, J. Kreshak<sup>2,3,4</sup>, G. Ntakyiruta<sup>4</sup>, P. Kyamanywa<sup>4</sup>, R. Riviello<sup>2,3,4</sup> <sup>1</sup>Children's Hospital Boston, Department Of Plastic Surgery, Boston, MA, USA<sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA<sup>3</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA<sup>4</sup>National University Of Rwanda, Surgery, Kigali, NONE, Rwanda.

**14.05. A Nationwide Survey of Access to Surgical Facilities, Poverty, and Deaths from Acute Abdomen in India.** J. S. Ng-Kamstra<sup>1,2</sup>, S. Fu<sup>1</sup>, A. J. Dare<sup>1</sup>, M. M. Hsiao<sup>1,2</sup>, P. Rodriguez<sup>1</sup>, J. Patra<sup>1</sup>, N. Correa<sup>1</sup>, P. Jha<sup>1</sup> <sup>1</sup>University Of Toronto, Centre For Global Health Research, Li Ka Shing Knowledge Institute, St Michael's Hospital, Toronto, Ontario, Canada<sup>2</sup>University Of Toronto, Department Of Surgery, Toronto, Ontario, Canada.

**14.06. Variability of Surgical Mortality in Low and Middle Income Countries: Meta-Review of Published Data.** T. Uribe-Leitz<sup>1</sup>, L. R. Maurer<sup>2</sup>, J. D. Jaramillo<sup>2</sup>, R. Fu<sup>3</sup>, M. M. Esquivel<sup>4</sup>, T. G. Weiser<sup>1,2</sup> <sup>1</sup>Stanford University, Department Of Surgery, Section Of Trauma & Critical Care, STANFORD, CA, USA<sup>2</sup>Stanford University, School Of Medicine, STANFORD, CA, USA<sup>3</sup>Stanford University, School Of Engineering, STANFORD, CA, USA<sup>4</sup>Stanford University, School Of Medicine/Division Of General Surgery, STANFORD, CA, USA.

**14.07. Rectal bleeding and hidden colorectal diseases in Nepal: A cross sectional countrywide survey.** P. Ghimire<sup>7</sup>, S. Gupta<sup>1,2</sup>, J. Pathak<sup>6</sup>, T. P. Kingham<sup>2,3</sup>, A. L. Kushner<sup>2,5</sup>, B. C. Nwomeh<sup>2,4</sup> <sup>1</sup>University Of California - San Francisco, East Bay, Surgery, Oakland, CA, USA<sup>2</sup>Surgeons OverSeas, New York, NY, USA<sup>3</sup>Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA<sup>4</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA<sup>5</sup>Johns Hopkins Bloomberg School Of Public Health, International Health, Baltimore, MD, USA<sup>6</sup>Kathmandu Medical College, Kathmandu, Nepal<sup>7</sup>B.P. Koirala Institute Of Health Science, Dharan, Nepal.

**14.08. Designing an International Partnership to Improve Surgical Training in a Low-Income Country.** E. Snyder<sup>1</sup>, V. Amado<sup>3</sup>, M. Jacobs<sup>3</sup>, M. Bruzon<sup>1</sup>, D. Mapasse<sup>3</sup>, D. DeUgarte<sup>2</sup> <sup>1</sup>Stanford University, School Of Medicine, Palo Alto, CA, USA<sup>2</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Los Angeles, CA, USA<sup>3</sup>Eduardo Mondlane University, School Of Medicine, Maputo, MAPUTO, Mozambique.

**14.09. Sustainable Surgical Care Through Collaboration with Rural Guatemalan Health Promoters.** L. S. Foley<sup>1</sup>, J. Schoen<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Surgery, Aurora, CO, USA.

**14.10. Humanitarian Skill Set Acquisition Trends Among Graduating U.S. Surgical Residents, 2003-2013.** D. H. Rothstein<sup>4</sup>, A. L. Halverson<sup>2</sup>, M. Swaroop<sup>2</sup> <sup>1</sup>Northwestern University, Trauma And Critical Care Surgery, Chicago, IL, USA<sup>2</sup>Northwestern University, Colon And Rectal Surgery, Chicago, IL, USA<sup>3</sup>Women And Children's Hospital Of Buffalo, Pediatric Surgery, Buffalo, NY, USA.

**14.11. Massive Pleural Fluid Collection in Adult Nigerians: Aetio-epidemiologic Profile and Outcome.** K. E. Okonta<sup>1</sup>, .. O. Ocheli<sup>1</sup> <sup>1</sup>University Of Port Harcourt Teaching Hospital, Cardiothoracic Unit, / Department Of Surgery, Port Harcourt, RIVERS, Nigeria.

**14.12. The Epidemiology of Gastroschisis in Zimbabwe in 2013.** J. C. Apfeld<sup>2</sup>, Z. J. Kastenber<sup>2</sup>, N. Macheka<sup>1</sup>, B. A. Mbuwayesango<sup>1</sup>, M. Bruzon<sup>2</sup>, K. G. Sylvester<sup>2</sup>, S. M. Wren<sup>2</sup> <sup>1</sup>Harare Children's Hospital, Department Of Surgery, Harare, HA, Zimbabwe<sup>2</sup>Stanford University School Of Medicine, Department Of Surgery, Stanford, CA, USA.

**14.13. Can Economic Performance Predict Pediatric Surgical Capacity in Sub-Saharan Africa?** M. T. Okoye<sup>1</sup>, E. T. Nguyen<sup>1</sup>, A. L. Kushner<sup>1,2,3</sup>, E. A. Ameh<sup>4</sup>, B. C. Nwomeh<sup>3,5</sup> <sup>1</sup>Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA<sup>2</sup>Columbia University College Of Physicians And Surgeons, Surgery, New York, NY, USA<sup>3</sup>Surgeons OverSeas (SOS), New York, NY, USA<sup>4</sup>National Hospital, Pediatric Surgery, Abuja, FCT, Nigeria<sup>5</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA.

**14.14. A Collaborative Experience in Caring for Infants Born with Esophageal Atresia in Belize.** S. F. Rosati<sup>1</sup>, D. Parrish<sup>1</sup>, J. Haynes<sup>2</sup>, R. Maarouf<sup>1</sup>, C. Oiticica<sup>2</sup>, P. Lange<sup>2</sup>, D. Lanning<sup>2</sup> <sup>1</sup>Virginia Commonwealth University, Department Of General Surgery, Richmond, VA, USA<sup>2</sup>Virginia Commonwealth University, Division Of Pediatric Surgery, Richmond, VA, USA.

**14.15. Prevalence of injuries due to falls in Nepal: A countrywide population based survey.** S. Devkota<sup>1</sup>, S. Gupta<sup>2,3</sup>, S. Ghimire<sup>1</sup>, A. Ranjit<sup>4</sup>, M. Swaroop<sup>5</sup>, A. L. Kushner<sup>3,6</sup>, B. C. Nwomeh<sup>3,7</sup> <sup>1</sup>Chitwan Alpine Polyclinic And Diagnostic Center, Chitwan, Nepal<sup>2</sup>University Of California - San Francisco, East Bay, Surgery, Oakland, CA, USA<sup>3</sup>Surgeons OverSeas, New York, NY, USA<sup>4</sup>Johns Hopkins - Center For Surgical Trials And Outcomes Research, Baltimore, MD, USA<sup>5</sup>Northwestern University Feinberg School Of Medicine, Surgery - Trauma/Critical Care And Center For Global Health, Chicago, IL, USA<sup>6</sup>Johns Hopkins Bloomberg School Of Public Health, International Health, Baltimore, MD, USA<sup>7</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA.

**14.16. Knowledge of Colorectal Carcinoma screening Among General Population in Western Region of Nepal.** S. Nepal<sup>1</sup>, A. Shrestha<sup>2</sup>, J. Parajuli<sup>2</sup>, S. Sharma<sup>1</sup>, M. Acharya<sup>3</sup>, S. Baral<sup>2</sup> <sup>1</sup>Manipal Teaching Hospital, Department Of Surgery, Pokhara, KASKI, Nepal<sup>2</sup>Manipal Teaching Hospital, Medicine, Pokhara, KASKI, Nepal<sup>3</sup>Manipal Teaching Hospital, Emergency, Pokhara, KASKI, Nepal.

**14.17. Impacting the Global Trauma Burden -- Training First Responders in Mozambique.** A. Merchant<sup>1</sup>, K. McQueen<sup>1</sup>, O. Gunter<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Trauma And Critical Care, Nashville, TN, USA.

**14.18. Geriatric Emergency General Surgery - Survival and Outcomes in a Low-Middle Income Country.** A. A. Shah<sup>1,2</sup>, H. Zafar<sup>2</sup>, R. Riviello<sup>1</sup>, C. K. Zogg<sup>1</sup>, S. Zafar<sup>4</sup>, A. Latif<sup>3</sup>, Z. Rehman<sup>2</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Aga Khan University Medical College, Department Of Surgery, Karachi, Sindh, Pakistan<sup>3</sup>Harvard School Of Medicine, Center For Surgery And Public Health, Brigham And Women's Hospital, Brookline, MA, USA<sup>4</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA<sup>5</sup>Johns Hopkins University School Of Medicine, Department Of Anesthesia, Baltimore, MD, USA.

**14.19. An Estimation of Cost Arising From Motorcycles Injuries in Kigali, Rwanda.** J. Allen Ingabire<sup>1</sup>, J. Byiringiro<sup>1</sup>, F. J. Calland<sup>2</sup>, J. Okiria<sup>1</sup> <sup>1</sup>National University Of Rwanda, College Of Health Sciences And Medicine, School Of Medicine, Department Of Surgery, Butare, SOUTH, Rwanda<sup>2</sup>University Of Virginia, Surgery Department, Charlottesville, VA, Virgin Islands, U.S..

**14.20. Improving Trauma and Emergency Care in China: Results from an International Training Collaborative.** A. Chaturvedi<sup>1</sup>, Y. V. Pei<sup>2</sup>, A. Mohammed<sup>3</sup>, D. Clapp<sup>1</sup>, D. M. Allin<sup>4</sup>, C. Orner<sup>5</sup>, M. Narayan<sup>1</sup> <sup>1</sup>University Of Maryland, R Adams Cowley Shock Trauma Center, Baltimore, MD, USA<sup>2</sup>University Of Maryland, Department Of Emergency Medicine, Baltimore, MD, USA<sup>3</sup>Calderdale Royal Hospital, Department Of Emergency Medicine, Halifax, WEST YORK-SHIRE, United Kingdom<sup>4</sup>University Of Kansas, Department Of Medicine, Lawrence, KS, USA<sup>5</sup>Heart To Heart International, Olathe, KS, USA<sup>6</sup>China 120, Trauma And Emergency Response Center, Chengdu, SICHUAN, China.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

## Integrated Quick Shot Session I

### OUTCOMES: HEALTH POLICY / HEALTHCARE DELIVERY

HANDEL

#### MODERATORS: Amir Ghaferi, MD & George Poultsides, MD

##### 15.01. Geographic Variation in Use of Video-Assisted Thoracoscopic Surgery (VATS) for Lung Cancer Resection.

T. R. Grenda<sup>1</sup>, J. R. Thumma<sup>1</sup>, J. B. Dimick<sup>1</sup> <sup>1</sup>University Of Michigan, Center For Healthcare Outcomes And Policy, Ann Arbor, MI, USA.

##### 15.02. Do Hospital Compare Metrics Predict Changes in Functional Status After Surgery? L. H. Nicholas<sup>1,2</sup>, L. H. Nicholas<sup>1,2</sup>

<sup>1</sup>Johns Hopkins School Of Public Health, Health Policy & Management, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA.

##### 15.03. Transitional Care Needs Following Complex Surgery: A Population-Level Analysis. C. Balentine<sup>1,2,3</sup>, F. G. Bakaeen<sup>1,2</sup>,

P. Kougas<sup>1,2</sup>, A. Naik<sup>2</sup>, P. J. Richardson<sup>2</sup>, D. H. Berger<sup>1,2</sup>, D. A. Anaya<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Michael E DeBakey Department Of Surgery, Houston, TX, USA<sup>2</sup>Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA<sup>3</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA.

##### 15.04. Post-discharge Care Fragmentation: Readmission, Distance of Travel, and Postoperative Mortality. T. C. Tsai<sup>1,2</sup>,

E. J. Orav<sup>3,4</sup>, A. K. Jha<sup>2,3</sup> <sup>1</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA<sup>2</sup>Harvard School Of Public Health, Health Policy And Management, Boston, MA, USA<sup>3</sup>Brigham And Women's Hospital, Medicine, Boston, MA, USA<sup>4</sup>Harvard School Of Public Health, Biostatistics, Boston, MA, USA.

##### 15.05. Disruptive and Incremental Innovation: A Snapshot of Surgical Literature. L. E. Grimmer<sup>1</sup>, M. C. Nally<sup>1</sup>, J. C. Kuba-

siak<sup>1</sup>, M. Luu<sup>1</sup>, J. Myers<sup>1</sup> <sup>1</sup>Rush University Medical Center, General Surgery, Chicago, IL, USA.

##### 15.06. Who Gets It? A Survey of Physician Attitudes Regarding Disaster Resource Allocation. W. Jacoby<sup>1</sup>, S. Agarwal<sup>1</sup>, H. Jung<sup>1</sup>,

A. E. Liepert<sup>1</sup>, P. J. Mercier<sup>1</sup>, A. P. O'Rourke<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

##### 15.07. Hospital Quality and Variations in Episode-Based Spending for Surgical Care. T. C. Tsai<sup>1,2</sup>, F. Greaves<sup>2</sup>, E. J. Orav<sup>3,4</sup>, M. Zinner<sup>1</sup>,

A. Jha<sup>2,3</sup> <sup>1</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA<sup>2</sup>Harvard School Of Public Health, Health Policy And Management, Boston, MA, USA<sup>3</sup>Brigham And Women's Hospital, Medicine, Boston, MA, USA<sup>4</sup>Harvard School Of Public Health, Biostatistics, Boston, MA, USA.

##### 15.08. Risk evaluation of organ donation from donors with primary malignant gliomas. S. Amaefuna<sup>1</sup>, J. D. Mezrich<sup>2</sup>, J. S. Kuo<sup>1</sup>

<sup>1</sup>University Of Wisconsin, Neurological Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

##### 15.09. Health care revisits following ambulatory surgery. G. D. Sacks<sup>1,2</sup>,

M. M. Gibbons<sup>1</sup>, S. O. Raetzman<sup>4</sup>, M. L. Barrett<sup>5</sup>, P. L. Owens<sup>3</sup>, C. A. Steiner<sup>3</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA<sup>2</sup>Robert Wood Johnson Clinical Scholars Program, UCLA, Los Angeles, CA, USA<sup>3</sup>Agency For Healthcare Research And Quality (AHRQ), Center For Delivery, Organization And Markets (CDOM), Rockville, MD, USA<sup>4</sup>Truven Health Analytics, Bethesda, MD, USA<sup>5</sup>ML Barrett, Inc, Del Mar, CA, USA.

##### 15.10. Robotic-Assisted Surgery: A Primer on Best Practices for Privileging and Credentialing. A. M. Al-Ayoubi<sup>1</sup>, C. M. Forleiter<sup>3</sup>,

M. Barsky<sup>1</sup>, A. Bogis<sup>1</sup>, S. Rehmani<sup>1</sup>, S. Belsley<sup>3</sup>, R. Flores<sup>2</sup>, F. Y. Bhora<sup>1</sup> <sup>1</sup>Mount Sinai School Of Medicine, Mount Sinai Roosevelt Hospital/Department Of Thoracic Surgery, New York, NY, USA<sup>2</sup>Mount Sinai School Of Medicine, Mount Sinai Hospital/Department Of Thoracic Surgery, New York, NY, USA<sup>3</sup>Mount Sinai School Of Medicine, Mount Sinai Roosevelt Hospital/Department Of Surgery, New York, NY, USA.

##### 15.11. The "Weekend Effect" in Urgent General Surgical Procedures. M. A. Zapf<sup>1</sup>,

A. Kothari<sup>1</sup>, T. Markossian<sup>2</sup>, G. Gupta<sup>1</sup>, P. Wai<sup>1</sup>, J. Driver<sup>1</sup>, P. Kuo<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Surgery, Maywood, IL, USA<sup>2</sup>Loyola University Chicago Stritch School Of Medicine, Public Health Sciences, Maywood, IL, USA.

##### 15.12. Is a Colectomy Always Just a Colectomy? Examining the Effect of Concurrent Procedures on Outcomes. K. D. Simmons<sup>1</sup>,

R. L. Hoffman<sup>1</sup>, L. E. Kuo<sup>1</sup>, E. K. Bartlett<sup>1</sup>, D. N. Holena<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA.

##### 15.13. Early vs Late Hospital Readmission after Pancreaticoduodenectomy in Patients with Private Insurance. E. Schneider<sup>1</sup>,

J. Canner<sup>1</sup>, F. Gani<sup>1</sup>, C. Wolfgang<sup>1</sup>, M. Makary<sup>1</sup>, M. Weiss<sup>1</sup>, G. Spolverato<sup>1</sup>, Y. Kim<sup>1</sup>, A. Ejaz<sup>1</sup>, T. Pawlik<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgical Oncology, Baltimore, MD, USA.

##### 15.14. Evaluation of a New Hospital Requirement to Report Participation in a Registry for General Surgery. C. V. Kinnier<sup>1,2</sup>,

A. R. Dahlke<sup>1</sup>, J. W. Chung<sup>1</sup>, A. D. Yang<sup>1</sup>, M. H. Ju<sup>1</sup>, M. McHugh<sup>3,4</sup>, K. Y. Bilimoria<sup>1</sup> <sup>1</sup>Northwestern University, Surgical Outcomes And Quality Improvement Center, Department Of Surgery And Center For Healthcare Studies, Chicago, IL, USA<sup>2</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA<sup>3</sup>Northwestern University, The Center For Healthcare Studies, Chicago, IL, USA<sup>4</sup>Northwestern University, Department Of Emergency Medicine, Chicago, IL, USA.

##### 15.15. The publication gender gap in academic surgery. R. C. Wright<sup>1</sup>,

C. Mueller<sup>1</sup> <sup>1</sup>Stanford University, Pediatric Surgery, Palo Alto, CA, USA.

##### 15.16. Readmissions Following Major Cancer Surgery in Older Adults Within a Large Multihospital System. R. C. Langan<sup>1,2</sup>,

C. Huang<sup>3</sup>, K. Harris<sup>1,2,3</sup>, S. Colton<sup>1</sup>, A. L. Potosky<sup>2,3,4</sup>, L. B. Johnson<sup>1,2,3,4</sup>, N. M. Shara<sup>2,3,5</sup>, W. B. Al-Refai<sup>1,2,3,4</sup> <sup>1</sup>Georgetown University Hospital, Department Of Surgery, Washington, DC, USA<sup>2</sup>MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA<sup>3</sup>MedStar Health Research Institute, Washington, DC, USA<sup>4</sup>Lombardi Comprehensive Cancer Center, Washington, DC, USA<sup>5</sup>Georgetown-Howard Universities Center For Clinical And Translational Sciences, Washington, DC, USA.

##### 15.17. The Readability, Complexity, and Suitability of Online Patient Material for Breast Reconstruction. C. R. Vargas<sup>1</sup>, P. Koolen<sup>1</sup>,

D. J. Chuang<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.

##### 15.18. Patient Preferences in Access to Post-Mastectomy Breast Reconstruction. C. R. Vargas<sup>1</sup>, M. Paul<sup>1</sup>,

O. Ganor<sup>1</sup>, M. Semack<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.

##### 15.19. Spatial Interactions of Market and Socioeconomic Factors in Kidney Transplantation. J. T. Adler<sup>1,2</sup>,

H. Yeh<sup>2,4</sup>, J. F. Markmann<sup>2,4</sup>, L. L. Nguyen<sup>1,3,4</sup> <sup>1</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA<sup>2</sup>Massachusetts General Hospital, Transplant Surgery, Boston, MA, USA<sup>3</sup>Brigham And Women's Hospital, Vascular Surgery, Boston, MA, USA<sup>4</sup>Harvard School Of Medicine, Brookline, MA, USA.

##### 15.20. Does Transplant Center Flagging have Unintended Consequences? Spillover Effects of Medicare Policy. L. H. Nicholas<sup>1,2</sup>,

D. Seggev<sup>2</sup> <sup>1</sup>Johns Hopkins University School Of Public Health, Health Policy & Management, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### OUTCOMES: QUALITY OF CARE I

SCHUBERT

#### MODERATORS: Rachel R. Kelz, MD, MSCE & Margaret Schwarze, MD, MPP

##### 16.01. The Role of Breast MRI in Ductal Carcinoma in situ:

**Has it Improved Clinical Outcomes?** L. S. Sparber<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA <sup>2</sup>Saint George's University, School Of Medicine, St. George's, Grenada <sup>3</sup>New Jersey Medical School, Rutgers University - Department Of Surgery, Newark, NJ, USA.

##### 16.02. Effects of drinking hydrogen-rich water on muscle

**fatigue caused by acute exercise in athletes.** A. Nakao<sup>1</sup>, J. Kotani<sup>1</sup>, K. Kohama<sup>1</sup>, T. Nishimura<sup>1</sup>, T. Yamada<sup>1</sup>, S. Miyakawa<sup>2</sup> <sup>1</sup>Hyogo College Of Medicine, Emergency, Disaster And Critical Care Medicine, Nishinomiya, HYOGO, Japan <sup>2</sup>University Of Tsukuba, Doctoral Program In Sports Medicine, Tsukuba, IBARAKI, Japan.

##### 16.03. Factors Associated with Readmission and Length of Stay Following Gastric Bypass.

S. X. Sun<sup>2</sup>, C. Hollenbeak<sup>3</sup>, A. Rogers<sup>1,2</sup> <sup>1</sup>Penn State Hershey Medical Center, Minimally Invasive Surgery, Hershey, PA, USA <sup>2</sup>Penn State Hershey Medical Center, General Surgery, Hershey, PA, USA <sup>3</sup>Penn State Hershey Medical Center, Outcomes Research And Quality, Hershey, PA, USA.

##### 16.04. Analysis of Internet Information on Lateral Lumbar Inter-

**body Fusion.** R. Belayneh<sup>1</sup>, A. Mesfin<sup>2</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA <sup>2</sup>University Of Rochester School Of Medicine And Dentistry, Orthopaedic Surgery, Rochester, NY, USA.

##### 16.05. Risk Factors for Pediatric Surgical Readmissions: An

**Analysis of the Pediatric NSQIP Database.** G. M. Taylor<sup>1</sup>, M. C. Shroyer<sup>1</sup>, A. B. Douglas<sup>1</sup>, R. T. Russell<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Children's Of Alabama, Pediatric Surgery, Birmingham, AL, USA.

##### 16.06. Variability in Surgical Skin Preparation Adherence in

**Common Pediatric Operations.** J. M. Podolnick<sup>2,3,4</sup>, L. R. Putnam<sup>2,3,4</sup>, S. Sakhuja<sup>2,3,4</sup>, C. M. Chang<sup>2,3,4</sup>, M. T. Austin<sup>2,3,4</sup>, K. P. Lally<sup>2,3,4</sup>, K. Tsao<sup>2,3,4</sup> <sup>4</sup>Children's Memorial Hermann Hospital, Houston, TX, USA <sup>2</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA <sup>3</sup>Center For Surgical Trials And Evidence-based Practice, Houston, TX, USA.

##### 16.07. ~Hospital Departmental Variation in Children's Surgical

**Outcomes.** A. M. Stey<sup>1</sup>, B. L. Hall<sup>2,6</sup>, M. Cohen<sup>2</sup>, C. Y. Ko<sup>2,5</sup>, S. Rangel<sup>4</sup>, K. Kraemer<sup>2</sup>, R. Moss<sup>3</sup> <sup>1</sup>Mount Sinai, New York, NY, USA <sup>2</sup>American College Of Surgeons, Chicago, IL, USA <sup>3</sup>Nation-wide Childrens Hospital, Columbus, OHIO, USA <sup>4</sup>Boston Children's Hospital, Boston, MA, USA <sup>5</sup>University Of California Los Angeles, Los Angeles, CA, USA <sup>6</sup>Washington University In Saint Louis, Saint Louis, MO, USA.

##### 16.08. Risk Factors and Preventability in Reducing Early Hospital

**Readmission after Liver Transplantation.** C. E. Rogers<sup>1</sup>, P. Baliga<sup>1</sup>, K. Chavin<sup>1</sup>, D. Taber<sup>1</sup> <sup>1</sup>Medical University Of South Carolina, Transplant Surgery, Charleston, SC, USA.

##### 16.09. The "Halo Effect" in Trauma Centers: Does it Extend to

**Emergency General Surgery?** N. Nagarajan<sup>1</sup>, S. Selvarajah<sup>1</sup>, H. Alshaikh<sup>1</sup>, F. Gani<sup>1</sup>, H. Alturki<sup>1</sup>, A. Najafian<sup>1</sup>, C. K. Zogg<sup>1</sup>, D. T. Efron<sup>1</sup>, E. B. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA.

##### 16.10. Benchmarking Statewide Trauma Mortality and Using

**AHRQ's Safety Indicators to Identify Intervention.** D. Ang<sup>1</sup>, S. Kurek<sup>1</sup>, M. McKenney<sup>1</sup>, E. Barquist<sup>1</sup>, E. Barquist<sup>1</sup>, S. Norwood<sup>1</sup>, B. Kimbrell<sup>1</sup>, D. Villarreal<sup>1</sup>, H. Liu<sup>1</sup>, M. Ziglar<sup>2</sup>, J. Hurst<sup>1</sup> <sup>1</sup>University Of South Florida College Of Medicine, Tampa, FL, USA <sup>2</sup>Hospital Corporation Of America, Nashville, TENNESSEE, USA.

##### 16.11. Massive Transfusion Protocol: From Zero To Hero. I. A.

Struve<sup>1</sup>, E. S. Salcedo<sup>1</sup>, C. S. Marshall<sup>1</sup>, C. M. Royce<sup>1</sup>, J. M. Galante<sup>1</sup>; <sup>1</sup>University Of California - Davis, School Of Medicine, Sacramento, CA, USA.

##### 16.12. Reduced Mortality in Females After Traumatic Hemorrhage:

**Does It Extend to Non-Traumatic Hemorrhage?** H. Alshaikh<sup>1</sup>, S. Selvarajah<sup>1</sup>, N. Nagarajan<sup>1</sup>, F. Gani<sup>1</sup>, C. K. Zogg<sup>1</sup>, H. Alturki<sup>1</sup>, A. Najafian<sup>1</sup>, D. T. Efron<sup>2</sup>, C. G. Velopulos<sup>2</sup>, E. B. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA.

##### 16.13. Evaluation Of A Clinical Management Guideline For Tube

**Thoracostomy Removal In Trauma Patients.** J. A. Marks<sup>1</sup>, G. Telford<sup>1</sup>, J. McMaster<sup>1</sup>, N. D. Martin<sup>1</sup>, P. Kim<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Division Of Traumatology, Surgical Critical Care And Emergency Surgery, Philadelphia, PA, USA.

##### 16.14. Airway Management of Trauma Patients as an Indicator of

**Quality in a Pre-Hospital Flight Program.** R. Weston<sup>1</sup>, D. Chesire<sup>1</sup>, D. Meysenburg<sup>1</sup>, J. Fortner<sup>1</sup>, R. Houghton<sup>1</sup>, K. Solomon<sup>1</sup>, B. Burns<sup>1</sup> <sup>1</sup>University Of Florida, College Of Medicine, Jacksonville, FL, USA.

##### 16.15. Missed Tetanus Prophylaxis in Severe Trauma Patients

**at a Level One Academic Trauma Center.** E. O. Pierce<sup>1</sup>, J. B. Brock<sup>1</sup>, A. V. Dukes<sup>1</sup>, C. Stevens<sup>1</sup>, T. E. Robertson<sup>1</sup> <sup>1</sup>University Of Mississippi, Surgery, Jackson, MS, USA.

##### 16.16. Structured Interdisciplinary Rounds (SIR) on a Trauma

**Ward.** A. E. Liepert<sup>1</sup>, D. Segersten<sup>1</sup>, H. Jung<sup>1</sup>, A. O'Rourke<sup>1</sup>, S. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA.

##### 16.17. 30-day Unplanned Readmission After Lower Extremity

**Bypass: Is Diabetes An Independent Predictor?** A. Najafian<sup>1</sup>, S. Selvarajah<sup>1</sup>, E. B. Schneider<sup>1</sup>, M. B. Malas<sup>2</sup>, B. Ehlert<sup>3</sup>, K. C. Orion<sup>3</sup>, A. H. Haider<sup>1</sup>, C. J. Abularrage<sup>3</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, 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, Division Of Vascular Surgery And Endovascular Therapy, Department Of Surgery, Baltimore, MD, USA.

##### 16.18. Predictors of Surgical Site Infection after Discharge in

**Patients Undergoing Major Vascular Surgery.** M. L. Barnes<sup>1</sup>, J. T. Wiseman<sup>1</sup>, S. Saha<sup>1</sup>, J. Havlena<sup>1</sup>, S. Fernandes-Taylor<sup>1</sup>, K. C. Kent<sup>1</sup> <sup>1</sup>University Of Wisconsin School Of Medicine And Public Health, Wisconsin Surgical Outcomes Research Program, Madison, WI, USA.

##### 16.19. Risk factors of Surgical Site Infection after Open Abdominal

**Aortic Aneurysm Repair.** J. T. Wiseman<sup>1</sup>, S. Fernandes-Taylor<sup>1</sup>, K. C. Kent<sup>1</sup> <sup>1</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Madison, WI, USA.

##### 16.20. Pancreatic lipoma: does it need treatment? M. T. Fohitung<sup>1</sup>,

K. Sandrasegaran<sup>1</sup>, N. Zyromski<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, General Surgery, Indianapolis, IN, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

## Integrated Quick Shot Session I

### OUTCOMES: HEALTH POLICY / HEALTHCARE DELIVERY AND INFORMATICS

STRAUSS

### MODERATORS: George Chang, MD & Sandra Wong, MD

- 17.01. Mortality and Discharge Outcomes For Higher vs. Lower Level Trauma Centers in Isolated Hip Fracture.** H. Nelson-Williams<sup>1</sup>, J. Canner<sup>1</sup>, E. Schneider<sup>1</sup>, D. T. Efron<sup>1</sup>, E. R. Haut<sup>1</sup>, B. Shafiq<sup>1</sup>, A. H. Haider<sup>1</sup>, C. G. Velopulos<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA.
- 17.02. Trauma System Regionalization across State Borders.** J. J. Sumislowski<sup>1</sup>, S. A. Savage<sup>1</sup>, B. L. Zarzaur<sup>2</sup> <sup>1</sup>University Of Tennessee Health Science Center, Memphis, TN, USA<sup>2</sup>Indiana University School Of Medicine, Indianapolis, IN, USA.
- 17.03. Break a Leg Not the Bank: Should We Treat Simple Fractures in Trauma Centers?** F. Gani<sup>1</sup>, N. Nagarajan<sup>1</sup>, H. Alshaikh<sup>1</sup>, C. K. Zogg<sup>1</sup>, H. Alturki<sup>1</sup>, S. Selvarajah<sup>1</sup>, A. Najafian<sup>1</sup>, L. Kodadek<sup>1</sup>, C. G. Velopulos<sup>2</sup>, D. T. Efron<sup>2</sup>, E. B. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA.
- 17.04. The Relationship Between Blood Alcohol Level and Injury Severity: Is the Floppy Patient Myth True?** C. Valdez<sup>1</sup>, C. Renne<sup>1</sup>, M. Radomski<sup>1</sup>, R. Amdur<sup>1</sup>, J. Dunne<sup>1</sup>, B. Sarani<sup>1</sup> <sup>1</sup>George Washington University School Of Medicine And Health Sciences, General Surgery, Washington, DC, USA.
- 17.05. Trends in the treatment of pelvic fractures 2008-2010: Where do we stand?** C. Chu<sup>2</sup>, L. Tennakoon<sup>1</sup>, D. Spain<sup>1</sup>, K. Staudenmayer<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA<sup>2</sup>University Of South Carolina School Of Medicine, Columbia, SC, USA.
- 17.06. Trauma System Funding is Associated With Increased Numbers of Level 3 Trauma Centers.** E. Kelly<sup>1</sup>, E. R. Kiemele<sup>2</sup>, G. Reznor<sup>1</sup>, J. M. Havens<sup>1</sup>, Z. Cooper<sup>1</sup>, A. Salim<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Boston, MA, USA<sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA.
- 17.07. Morbidity and Mortality from Traumatic Brain Injury in Older Adults, 2000-2011.** R. Haring<sup>1,2,3</sup>, K. Narang<sup>1</sup>, J. K. Canner<sup>1</sup>, A. O. Asemota<sup>1,4</sup>, B. P. George<sup>1,5</sup>, S. Selvarajah<sup>1</sup>, A. H. Haider<sup>1,3</sup>, E. B. Schneider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Lake Erie College Of Osteopathic Medicine, Bradenton, FL, USA<sup>3</sup>Johns Hopkins University Bloomberg School Of Public Health, Health Policy And Management, Baltimore, MD, USA<sup>4</sup>Johns Hopkins University School Of Medicine, Department Of Neurology And Neurosurgery, Baltimore, MD, USA<sup>5</sup>University Of Rochester School Of Medicine And Dentistry, Rochester, NY, USA.
- 17.08. National Trends in the Elderly (65-84) and the Supra-Elderly (>85) Trauma: 1997-2012.** L. Podolsky<sup>2</sup>, V. Polcz<sup>1,2</sup>, O. Sizar<sup>1</sup>, A. Farooq<sup>1,2</sup>, M. Bukur<sup>1</sup>, I. Puente<sup>1</sup>, R. Farrington<sup>1</sup>, M. Polcz<sup>2</sup>, C. Orbay<sup>2</sup>, F. Habib<sup>1</sup> <sup>1</sup>Broward Health Medical Center, Trauma, Ft Lauderdale, FL, USA<sup>2</sup>Florida International University, Surgery, Miami, FL, USA.
- 17.09. Towards a Single-Payer System in Trauma: More Than Halfway There Already.** V. Polcz<sup>1</sup>, L. Podolsky<sup>1,2</sup>, M. Bukur<sup>1</sup>, M. Polcz<sup>2</sup>, C. Orbay<sup>2</sup>, I. Puente<sup>1</sup>, R. Farrington<sup>1</sup>, O. Sizar<sup>1</sup>, A. Farooq<sup>1</sup>, F. Habib<sup>1,2</sup> <sup>1</sup>Broward Health Medical Center, Trauma, Ft Lauderdale, FL, USA<sup>2</sup>Florida International University, Surgery, Miami, FL, USA.
- 17.10. Uncompensated "Charity" Care in the Context of Trauma Center Designation.** O. Mansuri<sup>1</sup>, C. Steffen<sup>1</sup>, L. Nelson<sup>1</sup>, C. Gonzalez<sup>2</sup>, B. England<sup>1</sup>, C. Boje<sup>1</sup>, K. Fenn<sup>1</sup>, E. Myers<sup>1</sup>, J. Stothert<sup>1</sup> <sup>1</sup>University Of Nebraska Medical Center, Trauma & Surgical Critical Care / Department Of Surgery, Omaha, NE, USA<sup>2</sup>Boston Medical Center, Boston, MA, USA.
- 17.11. Using Research Electronic Data Capture to Simplify Institutional Research Efforts.** A. H. Healy<sup>1</sup>, K. A. Frappier<sup>1</sup>, J. L. Madden<sup>1</sup>, A. Elmer<sup>1</sup>, S. H. McKellar<sup>1</sup>, C. H. Selzman<sup>1</sup> <sup>1</sup>University Of Utah, Salt Lake City, UT, USA.
- 17.12. Surgeons' Perspective of a Newly Implemented Electronic Medical Record.** R. C. Frazee<sup>1</sup>, H. T. Papaconstaninou<sup>1</sup>, R. C. Frazee<sup>1</sup> <sup>1</sup>Baylor Scott & White Healthcare, Department Of Surgery, Temple, TEXAS, USA.
- 17.13. LACE Index Fails to Predict Readmissions in General Surgery.** A. Gbegnon<sup>1</sup>, J. G. Armstrong<sup>1</sup>, J. Monestina<sup>1</sup>, J. W. Cromwell<sup>1</sup> <sup>1</sup>University Of Iowa, General Surgery, Iowa City, IA, USA.
- 17.14. An Emerging Public Health Concern: Dialysis Patients Returning to the OR After Common Procedures.** K. Brakoniecki<sup>1</sup>, S. Tam<sup>1</sup>, P. Chung<sup>2</sup>, A. Alfonso<sup>2</sup>, G. Sugiyama<sup>2</sup> <sup>1</sup>SUNY Downstate College Of Medicine, Brooklyn, NY, USA<sup>2</sup>SUNY Downstate Medical Center, Surgery, Brooklyn, NY, USA.
- 17.15. Developing a Tiered Method to Link Health Information Technology Attributes with Patient Outcomes.** M. A. Zapf<sup>1</sup>, A. Kothari<sup>1</sup>, P. Kuo<sup>1</sup>, G. Gupta<sup>1</sup>, P. Wai<sup>1</sup>, J. Driver<sup>1</sup>, T. Markossian<sup>2</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Surgery, Maywood, IL, USA<sup>2</sup>Loyola University Chicago Stritch School Of Medicine, Public Health Sciences, Maywood, IL, USA.
- 17.16. Feasibility of a Symptom Tracking Smartphone Application.** A. R. Scott<sup>1,2</sup>, G. K. Low<sup>1</sup>, A. D. Naik<sup>1,2</sup>, D. H. Berger<sup>1,2</sup>, J. W. Suliburk<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Houston, TX, USA<sup>2</sup>VA Center For Innovations In Quality, Effectiveness And Safety, Houston, TX, USA.
- 17.17. Assessment of the Quality of Google Glass Images For Burn Wound Assessment.** P. H. Chang<sup>1,2,3</sup>, P. H. Chang<sup>1,2,3</sup> <sup>1</sup>Shriners Hospitals For Children-Boston, Boston, MA, USA<sup>2</sup>Massachusetts General Hospital, Boston, MA, USA<sup>3</sup>Harvard School Of Medicine, Brookline, MA, USA.
- 17.18. What Happened Last Night?! - Variability in Night Shift ICU Care.** J. Driver<sup>1</sup>, P. Y. Wai<sup>1</sup>, M. A. Zapf<sup>1</sup>, A. Kothari<sup>1</sup>, K. Y. Wolin<sup>1</sup>, P. C. Kuo<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Maywood, IL, USA.
- 17.20. Defining success after parathyroidectomy for secondary hyperparathyroidism: Use of KDIGO guidelines.** S. C. Oltmann<sup>1</sup>, T. M. Madkhali<sup>2</sup>, H. Chen<sup>2</sup>, R. S. Sippel<sup>2</sup>, D. F. Schneider<sup>2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA<sup>2</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

### Integrated Quick Shot Session I

#### EDUCATION: SIMULATION AND SKILLS TRAINING

VIVALDI

#### MODERATORS: Akpofure P. Ekeh, MD & Carla M. Pugh, MD, PhD

**18.02. A Novel Case Simulator to Help Predict Completion of Plastic Surgery Core Operative Requirements.** T. N. Ballard<sup>1</sup>, W. Pozehl<sup>2</sup>, T. R. Grenda<sup>1</sup>, M. S. Daskin<sup>2</sup>, J. Seagull<sup>3</sup>, A. M. Cohn<sup>2,4</sup>, S. J. Kasten<sup>1</sup>, R. M. Reddy<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan, Department Of Industrial And Operations Engineering, Ann Arbor, MI, USA<sup>3</sup>University Of Michigan Medical School, Ann Arbor, MI, USA<sup>4</sup>University Of Michigan, Center For Healthcare Engineering And Patient Safety, Ann Arbor, MI, USA.

**18.03. Impact of "Home Call" on Residency Training in an Otolaryngology-Head & Neck Surgery Program: A Pilot Study.** L. Caulley<sup>3</sup>, J. Vaccani<sup>2,3</sup> <sup>2</sup>Children's Hospital Of Eastern Ontario, Ottawa, ONTARIO, Canada<sup>3</sup>University Of Ottawa, Ottawa, Ontario, Canada.

**18.04. The Use of Mobile Video Technology to Improve Patient Care during Call.** N. Nosrati<sup>1</sup>, W. A. Wooden<sup>1</sup>, R. L. Flores<sup>1</sup>, R. Sood<sup>1</sup>, S. S. Tholpady<sup>1</sup> <sup>1</sup>Indiana University, Plastic Surgery, INDIANAPOLIS, IN, USA.

**18.05. The Characteristics of Effective Mentorship for Female Academic Surgeons.** A. Cochran<sup>1</sup>, W. B. Elder<sup>1</sup>, L. A. Neumayer<sup>2</sup> <sup>1</sup>University Of Utah, General Surgery, Salt Lake City, UT, USA<sup>2</sup>University Of Arizona, Tucson, AZ, USA.

**18.06. Restrictive Covenants: A Survey of Residents Understanding and a Call for Increased Education.** C. M. Forleiter<sup>1</sup>, A. M. Al-Ayoubi<sup>1</sup>, R. J. Chouake<sup>1</sup>, M. Barsky<sup>1</sup>, S. Rehmani<sup>1</sup>, F. Y. Bhora<sup>1</sup> <sup>1</sup>Mount Sinai School Of Medicine, Mount Sinai Roosevelt Hospital / Department Of Thoracic Surgery, New York, NY, USA.

**18.07. An Apprenticeship Rotation Teaches Chief Residents Non-technical Skills and ACGME Core Competencies.** G. Kwakye<sup>1</sup>, X. Chen<sup>1</sup>, J. Havens<sup>1</sup>, J. Irani<sup>1</sup>, D. S. Smink<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA.

**18.08. Palliative Care Training in Surgical Oncology and Hepatobiliary Fellowship: National Fellows Survey.** G. Larrieux<sup>1</sup>, J. T. Miura<sup>1</sup>, K. J. Brasel<sup>1</sup>, D. E. Weissman<sup>2</sup>, A. B. Nattinger<sup>3</sup>, T. C. Gamblin<sup>1</sup>, K. T. Turaga<sup>1</sup>, F. M. Johnston<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA<sup>2</sup>Medical College Of Wisconsin, Palliative Care, Milwaukee, WI, USA<sup>3</sup>Medical College Of Wisconsin, Medicine, Milwaukee, WI, USA.

**18.09. Administrative Chief Residents - How are they chosen and does it matter?** A. Weiss<sup>1</sup>, D. Tandon<sup>1</sup>, B. Chandrasekaran<sup>1</sup>, V. Tapia<sup>1</sup>, K. C. Lee<sup>1</sup>, S. Ramamoorthy<sup>1</sup>, S. L. Blair<sup>1</sup> <sup>1</sup>University Of California - San Diego, San Diego, CA, USA.

**18.10. Novel Electromechanical Simulator for Training in Cardiopulmonary Bypass.** J. Fernandez<sup>1</sup>, P. Frank<sup>1</sup>, J. Resnik<sup>2</sup>, P. Benharash<sup>1</sup> <sup>1</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Cardiothoracic Surgery, Los Angeles, CA, USA<sup>2</sup>David Geffen School Of Medicine, University Of California At Los Angeles, Department Of Anesthesiology And Perioperative Medicine, Los Angeles, CA, USA.

**18.11. Low-Cost Cardiothoracic Skills Simulator for Mentored Remote Practice.** A. J. Doud<sup>1</sup>, E. Roselli<sup>2</sup>, G. Loo<sup>1</sup> <sup>1</sup>University Of Minnesota, Cardiothoracic Surgery, Minneapolis, MN, USA<sup>2</sup>Cleveland Clinic, Cleveland, OH, USA.

**18.12. Fabrication of High Fidelity Simulated Breast Skin: A Comparison of Three Silicone Elastomers.** K. Maciolek<sup>1</sup>, A. Terry<sup>1</sup>, R. Ray<sup>1</sup>, S. Laufer<sup>1</sup>, P. Barlow<sup>1</sup>, C. Pugh<sup>1</sup> <sup>1</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA.

**18.13. Commercial Video Camera Use in the Operating Room: GoPro HERO3+, Contour+2, and TASER AXON Flex.** S. N. Graves<sup>1</sup>, S. Davidson<sup>1</sup>, A. Langerman<sup>2</sup> <sup>1</sup>University Of Chicago, Pritzker School Of Medicine, Chicago, IL, USA<sup>2</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA.

**18.14. Cost-Effective Vessel Ligation Simulator Develops Transferable Surgical Skills.** Y. Hu<sup>1</sup>, I. A. Le<sup>1</sup>, R. N. Goodrich<sup>1</sup>, K. D. Brooks<sup>1</sup>, B. L. Edwards<sup>1</sup>, J. R. Gillen<sup>1</sup>, A. T. Schroen<sup>1</sup>, P. W. Smith<sup>1</sup>, S. K. Rasmussen<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, USA.

**18.15. Unidentified Retained Foreign Object Simulation: a training for residents on root cause analysis.** N. Young<sup>1</sup>, D. Patterson<sup>1</sup>, G. A. Merica<sup>1</sup>, R. Grim<sup>1</sup>, T. Bell<sup>1</sup>, V. Ahuja<sup>1</sup> <sup>1</sup>York Hospital, Surgery, York, PA, USA.

**18.16. Residents' Perception of Skill Reduction during Dedicated Research Time.** R. D. Ray<sup>1</sup>, P. B. Barlow<sup>1</sup>, A. D. D'Angelo<sup>1</sup>, C. M. Pugh<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, School Of Medicine And Public Health, Madison, WI, USA.

**18.17. Approaching surgery simulation education from a patient-centric pathway.** K. W. Miyasaka<sup>1</sup>, R. Aggarwal<sup>2</sup> <sup>1</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA<sup>2</sup>McGill University, Department Of Surgery, Montreal, QC, Canada.

**18.18. Robotic Simulator Curriculum Validation Study.** J. L. Miller<sup>1</sup>, S. M. Novak<sup>1</sup>, D. L. Bartlett<sup>1</sup>, A. H. Zureikat<sup>1</sup>, H. J. Zeh<sup>1</sup>, M. E. Hogg<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgical Oncology/Surgery/Medicine, Pittsburgh, PA, USA.

**18.19. Prehospital Trauma Care Education for First Responders in Western Rajasthan.** A. Aekka<sup>2</sup>, M. V. Hollis<sup>2</sup>, E. M. Boudiab<sup>2</sup>, G. P. Laput<sup>2</sup>, H. Purohit<sup>3</sup>, A. K. Vyas<sup>2,4</sup>, D. Vyas<sup>1,2</sup> <sup>1</sup>Michigan State University, Department Of Surgery, Lansing, MI, USA<sup>2</sup>Michigan State University, College Of Human Medicine, Lansing, MI, USA<sup>3</sup>Arogya.com, Meerut, UP, India<sup>4</sup>Michigan State University, Department Of Pediatrics, Lansing, MI, USA.

**18.20. Novel Simulation Course for Application of Resuscitative Endovascular Balloon Occlusion of Aorta.** R. A. Lawless<sup>1</sup>, J. D. Love<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Acute Care Surgery, Houston, TX, USA.

TUESDAY

WEDNESDAY

THURSDAY

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

9:30AM - 4:30PM **Exhibit Hall Open** ENCORE 2

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

**Timothy Pawlik, MD, MPH, PhD, AAS President & David Hackam, MD, PhD, FACS, SUS President**

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



**Marshall J. Orloff, MD, MS**

Distinguished Professor of Surgery, Emeritus, and Founding Chair of the Department of Surgery, UCSD

**INTRODUCTION BY: George Gittes, MD**

10:45AM - 11:30AM **SUS Presidential Address: "The Dawn of the Third Surgical Renaissance"** ENCORE 4-8



**David J. Hackam, MD, PhD, FACS**

Robert Garrett Professor and Chief of the Division of Pediatric Surgery  
Johns Hopkins University  
Surgeon-in-Chief, Bloomberg Children's Center of Johns Hopkins Hospital

**INTRODUCTION BY: Sharon Weber, MD, SUS President-Elect**

11:30AM - 1:00PM **Conference Luncheon** ENCORE 2 OR CHOPIN PATIO

**OR**

11:30AM - 1:00PM **HOT TOPIC SESSION: "When do Quality Improvement (QI) Studies Transition Into Human Subjects Research (HSR)? What is the Role of IRB Approval for QI Work?"** BEETHOVEN 1

**MODERATOR: Mehul Raval, MD, MS**

**PANELISTS: Melina Kibbe, MD, Peter Angelos, MD, Clifford Y. Ko, MD, John F. Sweeney, MD, & Monica Lopez, MD**

**JUNIOR FACULTY DEBATE LEADERS: Joseph Sakran, MD, MPH & Stephanie Nitzschke, MD**

### LEARNING OBJECTIVES

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

- Clearly define QI and HSR.
- Review ethical principles that must be adhered to as QI transitions into HSR.
- Define the role of the IRB in QI.
- Determine when editors will require review of QI projects for publication.
- Provide an algorithm to navigate the distinction between QI and HSR.

**OR**

11:30AM - 1:00PM **ISSUES COMMITTEE SESSION (Debate Format): "How to Manage Public Reporting of Outcomes Regarding Transparency and Buy-In on an Individual and Institutional Level"** BEETHOVEN 2

**MODERATORS: Scott Steele, MD & Rachel Kelz, MD**



**PANELISTS: Frank Opelka, MD & Jeff Cutler**

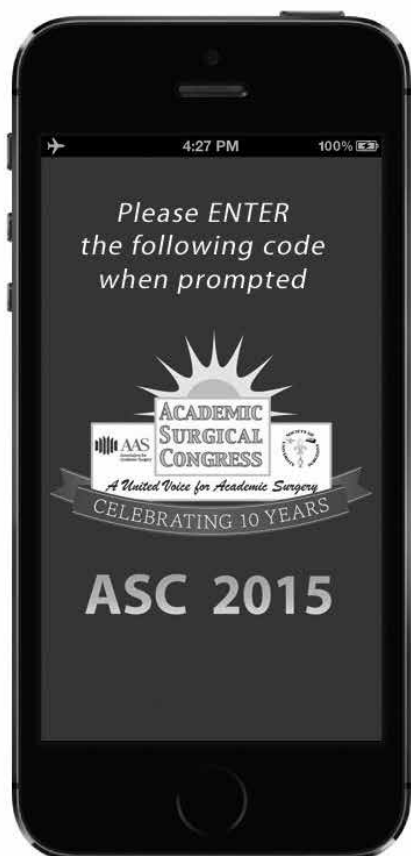
**SPEAKERS: Rachel R. Kelz, MD, MSCE, FACS, Scott Steele, MD, Gregory D. Kennedy MD, PhD, Elliott Haut, MD, Karl Bilimoria, MD & Adil Haider, MD**

### LEARNING OBJECTIVES

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

- Understand how transparency in the public reporting of outcomes provides meaningful information for consumers and surgeons alike.
- Identify the potential downstream impact on resident education and surgical training that the public reporting of outcomes may result in.
- Integrate social media platforms that discuss outcomes and public perception of individual providers into practice and employ methods to mitigate risk and misinformation.

TUESDAY	1:00PM - 2:30PM	<b>SUS PRESIDENTIAL SESSION:</b> <b>"Personalized Surgery – Genomics and Immunotherapy for Surgical Diseases"</b> <b>Hal Dietz, MD, Joseph Carcillo, MD, &amp; Funda Meric-Bernstam, MD</b> <b>INTRODUCTION BY: David Hackam, MD, PhD, FACS, SUS President</b>	ENCORE 4-8
WEDNESDAY	2:30PM - 3:00PM	<b>SUS JOEL J. ROSLYN LECTURE</b> <b>"Serendipity, Academic Medicine, and Pediatric Trauma...A Personal Story"</b>  <b>Barbara Gaines, MD</b> Clinical Director, Pediatric General and Thoracic Surgery Director, Trauma and Injury Prevention Program Director, Pediatric Surgery Training Program Associate Professor, University of Pittsburgh School of Medicine Division of Pediatric General & Thoracic Surgery <b>INTRODUCTION BY: David Hackam, MD, PhD, FACS, SUS President</b>	ENCORE 4-8
THURSDAY	3:00PM - 3:30PM	<b>BRITISH JOURNAL OF SURGERY LECTURE:</b> <b>"The Need for Engineering: Designing Regenerative Surgery"</b>  <b>Paulo De Coppi, MD</b> Clinical Reader and Consultant Head of Surgery Unit, UCL Institute of Child Health and Great Ormond Street Hospital <b>INTRODUCTION BY: David Hackam, MD, PhD, FACS, SUS President</b>	ENCORE 4-8
	3:30PM - 4:00PM	<b>Afternoon Break in the Exhibit Area</b>	ENCORE 2



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4:00PM - 5:30PM

## Basic Science Plenary

### BASIC/TRANSLATION: BASIC / TRANSLATIONAL SCIENCE PLENARY

BRAHMS 1- 4

**MODERATORS: David J. Hackam, MD, PhD, FACS & Melina R. Kibbe, MD**

**19.01. CXCL12 Reverses Hypercapnia-Induced Suppression of Epithelial Cell Migration and Lung Healing.** J. A. Kanter<sup>1</sup>, H. Sun<sup>2</sup>, M. M. DeCamp<sup>1</sup>, P. Sporn<sup>2</sup>, J. I. Sznajder<sup>2</sup>, A. Bharat<sup>1</sup> <sup>1</sup>Northwestern University, Division Of Thoracic Surgery, Feinberg School Of Medicine, Chicago, IL, USA <sup>2</sup>Northwestern University, Division Of Pulmonary And Critical Care Medicine, Feinberg School Of Medicine, Chicago, IL, USA.

**19.02. Inhibition of Ubiquitin-Activating Enzyme Protects Organ Injury from Intestinal Ischemia-Reperfusion.** W. Yang<sup>1</sup>, S. Matsuo<sup>2</sup>, A. J. Chung<sup>1</sup>, P. Wang<sup>1</sup> <sup>1</sup>Hofstra North Shore-LIJ School Of Medicine, Surgery, Manhasset, NY, USA <sup>2</sup>Tokyo Women's Medical University, Surgery, Tokyo, Japan.

**19.03. Heme oxygenase-2 Protects In Hemorrhage/Resuscitation Via Regulation of Hypoxic Responses.** J. Luciano<sup>1</sup>, B. Kautza<sup>1</sup>, P. Waltz<sup>1</sup>, B. Zuckerbraun<sup>1,2</sup> <sup>1</sup>University Of Pittsburgh, Pittsburgh, PA, USA <sup>2</sup>VA Pittsburgh Healthcare System, Pittsburgh, PA, USA.

**19.04. Deficiency of the Immunostimulatory Cytokine IL-21 Promotes Intestinal Neoplasia.** M. M. Shapiro<sup>1,2</sup>, B. Nandi<sup>1,2</sup>, G. Gonzalez<sup>1</sup>, R. Prabhala<sup>1,2,3</sup>, Q. Huang<sup>1,4</sup>, N. C. Munshi<sup>1,2,3</sup>, N. Y. Frank<sup>1,2,4</sup>, J. S. Gold<sup>1,2,3</sup> <sup>4</sup>Brigham And Women's Hospital, Boston, MA, USA <sup>1</sup>VA Boston Healthcare System, West Roxbury, MA, USA <sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA <sup>3</sup>Dana Farber Cancer Institute, Boston, MA, USA.

**19.05. Histone Deacetylase Inhibitors Induce a Pro-inflammatory Phenotype in Pancreatic Cancer Fibroblasts.** A. H. Nguyen<sup>1</sup>, S. Patel<sup>1</sup>, M. Vogelauer<sup>2</sup>, P. A. Toste<sup>1</sup>, N. Wu<sup>1</sup>, J. Williams<sup>3</sup>, L. Li<sup>1</sup>, D. W. Dawson<sup>4</sup>, S. Kurdistan<sup>2</sup>, T. R. Donahue<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 Biological Chemistry, Los Angeles, CA, USA <sup>3</sup>Harbor-UCLA Medical Center, Department Of Surgery, Torrance, CA, USA <sup>4</sup>University Of California - Los Angeles, Department Of Pathology And Laboratory Medicine, Los Angeles, CA, USA.

**19.06. Toll Like Receptor 4 (TLR4) Regulates the Adaptive Response of Autophagy in Intestinal Stem Cells.** S. Shaffiey<sup>1,2</sup>, H. Jia<sup>1</sup>, C. Sodhi<sup>1</sup>, K. Thadikona<sup>1</sup>, M. Good<sup>3</sup>, M. Neal<sup>2</sup>, Y. Yamaguchi<sup>1</sup>, S. Mielo<sup>1</sup>, T. Prindle<sup>1</sup>, D. J. Hackam<sup>1,2</sup> <sup>1</sup>Children's Hospital Of Pittsburgh Of UPMC, Pediatric Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA <sup>3</sup>Children's Hospital Of Pittsburgh Of UPMC, Neonatal Medicine, Pittsburgh, PA, USA.

**19.07. Acid Sphingomyelinase Inhibition Decreases Lung Injury after Transfusion with Stored Blood.** R. S. Hoehn<sup>1</sup>, P. L. Jernigan<sup>1</sup>, E. F. Midura<sup>1</sup>, J. M. Sutton<sup>1</sup>, C. C. Caldwell<sup>1</sup>, M. J. Edwards<sup>1</sup>, E. Gulbins<sup>1,2</sup>, T. A. Pritts<sup>1</sup> <sup>1</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA <sup>2</sup>University Of Duisburg-Essen, Molecular Biology, Essen, ESSEN, Germany.

OR

4:00PM - 5:30PM

## Outcomes Plenary

### CLINICAL/OUTCOMES: CLINICAL / OUTCOMES RESEARCH PLENARY

ENCORE 4 - 8

**MODERATORS: Timothy M. Pawlik, MD, MPH, PHD & Taylor S. Riall, MD, PhD**

**20.01. Efficacy of Preperitoneal Infiltration with Bupivacaine for Pain Management after Laparotomy: a RCT.** J. Nyandwi<sup>1</sup>, J. Uwizeza<sup>1</sup>, F. Carl<sup>2</sup>, T. Twagirumugabe<sup>1</sup> <sup>1</sup>National University Of Rwanda, College Of Medicine And Health Sciences/ Department Of Anesthesiology, Butare, SOUTH, Rwanda <sup>2</sup>McGill University, Montreal, QC, Canada.

**20.02. Optimal Timing of Tracheostomy for Prolonged Respiratory Failure after Blunt Trauma.** J. E. Keenan<sup>1</sup>, B. C. Gulack<sup>1</sup>, D. P. Nussbaum<sup>1</sup>, C. Green<sup>1</sup>, M. L. Shapiro<sup>1</sup>, S. N. Vaslef<sup>1</sup>, J. E. Scarborough<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA.

**20.03. Thrombelastography is Superior to Trauma Scoring Systems as a Predictor of Massive Hemorrhage.** D. Burneikas<sup>2</sup>, E. E. Moore<sup>1,2</sup>, M. P. Chapman<sup>2,3</sup>, H. B. Moore<sup>1,2</sup>, E. Gonzalez<sup>1,2</sup>, C. Silliman<sup>2,4</sup>, A. Banerjee<sup>2</sup> <sup>1</sup>Denver Health Medical Center, Aurora, CO, USA <sup>2</sup>University Of Colorado Denver, Aurora, CO, USA <sup>3</sup>Georgia Health Sciences University, Augusta, GA, USA <sup>4</sup>Children's Hospital Colorado, Aurora, CO, USA.

**20.04. Role of Innate Lymphoid Cells in Modulating Trauma-Induced Immune Response in Blunt Trauma Patients.** J. Guardado<sup>1</sup>, O. Abdul-Malak<sup>1</sup>, Y. Vodovotz<sup>1</sup>, T. R. Billiar<sup>1</sup>, R. A. Namas<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgery, Pittsburgh, PA, USA.

**20.05. Impact of the 2011 ACGME Duty Hour Reform on Surgical Outcomes and Resident Exam Performance.** R. Rajaram<sup>1,2</sup>, J. Chung<sup>2</sup>, A. Jones<sup>3</sup>, M. Cohen<sup>1</sup>, A. Dahlke<sup>2</sup>, L. Hedges<sup>4</sup>, C. Ko<sup>1,5</sup>, J. Tarpley<sup>6</sup>, F. Lewis<sup>3</sup>, D. Hoyt<sup>1</sup>, K. Bilimoria<sup>1,2</sup> <sup>1</sup>American College Of Surgeons, Division Of Research And Optimal Patient Care, Chicago, IL, USA <sup>2</sup>Northwestern University, Surgical Outcomes And Quality Improvement Center, Department Of Surgery And Center For Healthcare Studies In The Institute For Public Health And Medicine, Feinberg School Of Medicine, Chicago, IL, USA <sup>3</sup>American Board Of Surgery Inc, Philadelphia, PA, USA <sup>4</sup>Northwestern University, Institute For Policy Research And Department Of Biostatistics, Chicago, IL, USA <sup>5</sup>University Of California - Los Angeles And VA Greater Los Angeles Healthcare System, Department Of Surgery, Los Angeles, CA, USA <sup>6</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA.

**20.06. Primary Gastrointestinal Tract Melanoma: Epidemiology And Outcomes For 1,044 Patients.** V. Chakravorty<sup>1,2</sup>, K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA <sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada <sup>3</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA.

**20.07. Impact of Age and Gender on Immune Response and Clinical Outcome After Cancer Vaccination.** A. G. Ramirez<sup>1</sup>, N. A. Wages<sup>2</sup>, M. E. Smolkin<sup>2</sup>, C. L. Slingluff<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, USA <sup>2</sup>University Of Virginia, Public Health Sciences, Charlottesville, VA, USA.

5:30PM - 6:30PM

**SUS Business Meeting**

BEETHOVEN 1

**OR**

5:30PM - 6:30PM

**AAS Medical Student Quickshot Session**

CHOPIN 2

**MODERATORS: Timothy M. Pawlik, MD, MPH, PhD, Rebecca Sippel, MD, & Eric T. Kimchi, MD**

**21.01. CXCL12 Reverses Hypercapnia-Induced Suppression of Epithelial Cell Migration and Lung Healing.** J. A. Kanter<sup>1</sup>, H. Sun<sup>2</sup>, M. M. DeCamp<sup>1</sup>, P. Sporn<sup>2</sup>, J. I. Sznajder<sup>2</sup>, A. Bharat<sup>1</sup> <sup>1</sup>Northwestern University, Division Of Thoracic Surgery, Feinberg School Of Medicine, Chicago, IL, USA <sup>2</sup>Northwestern University, Division Of Pulmonary And Critical Care Medicine, Feinberg School Of Medicine, Chicago, IL, USA.

**21.02. Thrombelastography is Superior to Trauma Scoring Systems as a Predictor of Massive Hemorrhage.** D. Burneikas<sup>2</sup>, E. E. Moore<sup>1,2</sup>, M. P. Chapman<sup>2,3</sup>, H. B. Moore<sup>1,2</sup>, E. Gonzalez<sup>1,2</sup>, C. Silliman<sup>2,4</sup>, A. Banerjee<sup>2</sup> <sup>1</sup>Denver Health Medical Center, Aurora, CO, USA <sup>2</sup>University Of Colorado Denver, Aurora, CO, USA <sup>3</sup>Georgia Health Sciences University, Augusta, GA, USA <sup>4</sup>Children's Hospital Colorado, Aurora, CO, USA.

**21.03. Oxidative Stress Induces Neutrophil Extracellular Traps in a TLR4- and PHOX-Dependent Mechanism.** A. B. Al-Khafaji<sup>1</sup>, D. Miller<sup>2</sup>, H. Huang<sup>1</sup>, S. Tohme<sup>1</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>Beth Israel Deaconess Medical Center, Department Of Medicine, Boston, MA, USA.

**21.04. Staging Studies are of Limited Utility for Newly Diagnosed Clinical Stage I-II Breast Cancer.** A. Linkugel<sup>1</sup>, J. Margenthaler<sup>1</sup>, A. Cyr<sup>1</sup> <sup>1</sup>Washington University, General Surgery/College Of Medicine, St. Louis, MO, USA.

**21.05. Prevalence and Impact of Admission Hyperfibrinolysis in Severely Injured Pediatric Trauma Patients.** I. N. Liras<sup>1</sup>, B. A. Cotton<sup>1</sup>, J. C. Cardenas<sup>1</sup>, M. T. Harting<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA.

**21.06. Increased Malignancy Rates in Surgical Patients with Incidentally-Discovered Thyroid Nodules.** A. R. Marcadis<sup>1</sup>, M. Rodriguez<sup>1</sup>, S. Liu<sup>1</sup>, B. Wang<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Miller School Of Medicine, Division Of Endocrine Surgery, Miami, FL, USA.

**21.07. GelE/sprE are critical for Enterococcus faecalis-induced anastomotic leak in a rat model.** J. N. Luo<sup>1</sup>, B. A. Shakh-sheer<sup>1</sup>, R. Klabbers<sup>2</sup>, A. Zaborin<sup>1</sup>, N. Belogortseva<sup>1</sup>, O. Zaborina<sup>1</sup>, J. C. Alverdy<sup>1</sup> <sup>1</sup>The University Of Chicago Pritzker School Of Medicine, Department Of Surgery, Chicago, IL, USA <sup>2</sup>Radboud University Nijmegen Medical Centre, Department Of Surgery, Nijmegen, GELDERLAND, Netherlands.

**21.08. Treatment of Necrotizing Enterocolitis with Enteral Intestinal Alkaline Phosphatase.** B. Biesterveld<sup>1</sup>, N. Heinzerling<sup>2</sup>, R. Rentea<sup>2</sup>, S. Welak<sup>3,4</sup>, K. Fredrich<sup>2</sup>, D. Gourlay<sup>2,5</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA <sup>2</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA <sup>3</sup>Medical College Of Wisconsin, Pediatrics, Milwaukee, WI, USA <sup>4</sup>Children's Hospital Of Wisconsin, Neonatology, Milwaukee, WI, USA <sup>5</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA.

**21.09. Delivery of Monocyte Lineage Cells in a Biomimetic Scaffold Enhances Tissue Repair.** G. G. Walmsley<sup>1,2</sup>, M. S. Hu<sup>1</sup>, K. Weiskopf<sup>2</sup>, R. C. Rennert<sup>1</sup>, M. Januszyk<sup>1</sup>, Z. N. Maan<sup>1</sup>, D. Duscher<sup>1</sup>, K. Senarath-Yapa<sup>1</sup>, A. J. Whittam<sup>1</sup>, R. Tevlin<sup>1</sup>, D. A. Atashroo<sup>1</sup>, I. L. Weissman<sup>2</sup>, H. P. Lorenz<sup>1</sup>, G. C. Gurtner<sup>1</sup>, M. T. Longaker<sup>1,2</sup> <sup>1</sup>Stanford University School Of Medicine, Department Of Surgery, Division Of Plastic & Reconstructive Surgery, Stanford, CA, USA <sup>2</sup>Stanford University School Of Medicine, Institute For Stem Cell Biology And Regenerative Medicine, Stanford, CA, USA.

**21.10. Metabolic Derangement of Coagulation: A Likely Suspect For Post Operative Bleeding.** G. D. Wiener<sup>1</sup>, H. B. Moore<sup>1</sup>, P. Lawson<sup>1</sup>, E. Gonzalez<sup>1</sup>, M. P. Chapman<sup>1</sup>, A. P. Morton<sup>1</sup>, A. Sauaia<sup>1</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>2</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA <sup>2</sup>Denver Health Medical Center, Aurora, CO, USA.

OR

5:30PM - 6:30PM

**AAS Resident/Fellow Quickshot Session**

CHOPIN 3

**MODERATORS: Caprice C. Greenberg, MD, MPH & Justin B. Dimick, MD, MPH**

**22.01. A Novel System for Supplemental Funding of Surgical Graduate Medical Education.** M. R. Dimon<sup>1</sup>, B. H. Ahmed<sup>1</sup>, P. Pieper<sup>1</sup>, B. Burns<sup>1</sup>, J. J. Tepas<sup>1</sup> <sup>1</sup>University Of Florida College Of Medicine - Jacksonville, General Surgery, Jacksonville, FL, USA.

**22.02. Heme oxygenase-2 Protects In Hemorrhage/Resuscitation Via Regulation of Hypoxic Responses.** J. Luciano<sup>1</sup>, B. Kautza<sup>1</sup>, P. Waltz<sup>1</sup>, B. Zuckerbraun<sup>1,2</sup> <sup>1</sup>University Of Pittsburgh, Pittsburgh, PA, USA<sup>2</sup>VA Pittsburgh Healthcare System, Pittsburgh, PA, USA.

**22.03. Optimal Timing of Tracheostomy for Prolonged Respiratory Failure after Blunt Trauma.** J. E. Keenan<sup>1</sup>, B. C. Gulack<sup>1</sup>, D. P. Nussbaum<sup>1</sup>, C. Green<sup>1</sup>, M. L. Shapiro<sup>1</sup>, S. N. Vaslef<sup>1</sup>, J. E. Scarborough<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA.

**22.04. Deficiency of the Immunostimulatory Cytokine IL-21 Promotes Intestinal Neoplasia.** M. M. Shapiro<sup>1,2</sup>, B. Nandi<sup>1,2</sup>, G. Gonzalez<sup>1</sup>, R. Prabhala<sup>1,2,3</sup>, Q. Huang<sup>1,4</sup>, N. C. Munshi<sup>1,2,3</sup>, N. Y. Frank<sup>1,2,4</sup>, J. S. Gold<sup>1,2,3</sup> <sup>4</sup>Brigham And Women's Hospital, Boston, MA, USA<sup>1</sup>VA Boston Healthcare System, West Roxbury, MA, USA<sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA<sup>3</sup>Dana Farber Cancer Institute, Boston, MA, USA.

**22.05. Role of Innate Lymphoid Cells in Modulating Trauma-Induced Immune Response in Blunt Trauma Patients.** J. Guardado<sup>1</sup>, O. Abdul-Malak<sup>1</sup>, Y. Vodovotz<sup>1</sup>, T. R. Billiar<sup>1</sup>, R. A. Namas<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgery, Pittsburgh, PA, USA.

**22.06. Histone Deacetylase Inhibitors Induce a Pro-inflammatory Phenotype in Pancreatic Cancer Fibroblasts.** A. H. Nguyen<sup>1</sup>, S. Patel<sup>1</sup>, M. Vogelauer<sup>2</sup>, P. A. Toste<sup>1</sup>, N. Wu<sup>1</sup>, J. Williams<sup>3</sup>, L. Li<sup>1</sup>, D. W. Dawson<sup>4</sup>, S. Kurdastani<sup>2</sup>, T. R. Donahue<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 Biological Chemistry, Los Angeles, CA, USA<sup>3</sup>Harbor-UCLA Medical Center, Department Of Surgery, Torrance, CA, USA<sup>4</sup>University Of California - Los Angeles, Department Of Pathology And Laboratory Medicine, Los Angeles, CA, USA.

**22.07. Primary Gastrointestinal Tract Melanoma: Epidemiology And Outcomes For 1,044 Patients.** V. Chakravorty<sup>1,2</sup>, K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada<sup>3</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA.

**22.08. Impact of the 2011 ACGME Duty Hour Reform on Surgical Outcomes and Resident Exam Performance.** R. Rajaram<sup>1,2</sup>, J. Chung<sup>2</sup>, A. Jones<sup>3</sup>, M. Cohen<sup>1</sup>, A. Dahlke<sup>2</sup>, L. Hedges<sup>4</sup>, C. Ko<sup>1,5</sup>, J. Tarpley<sup>6</sup>, F. Lewis<sup>3</sup>, D. Hoyt<sup>1</sup>, K. Bilimoria<sup>1,2</sup> <sup>1</sup>American College Of Surgeons, Division Of Research And Optimal Patient Care, Chicago, IL, USA<sup>2</sup>Northwestern University, Surgical Outcomes And Quality Improvement Center, Department Of Surgery And Center For Healthcare Studies In The Institute For Public Health And Medicine, Feinberg School Of Medicine, Chicago, IL, USA<sup>3</sup>American Board Of Surgery Inc, Philadelphia, PA, USA<sup>4</sup>Northwestern University, Institute For Policy Research And Department Of Biostatistics, Chicago, IL, USA<sup>5</sup>University Of California - Los Angeles And VA Greater Los Angeles Healthcare System, Department Of Surgery, Los Angeles, CA, USA<sup>6</sup>Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA.

**22.09. Toll Like Receptor 4 (TLR4) Regulates the Adaptive Response of Autophagy in Intestinal Stem Cells.** S. Shaffiey<sup>1,2</sup>, H. Jia<sup>1</sup>, C. Sodhi<sup>1</sup>, K. Thadikona<sup>1</sup>, M. Good<sup>3</sup>, M. Neal<sup>2</sup>, Y. Yamaguchi<sup>1</sup>, S. Mielo<sup>1</sup>, T. Prindle<sup>1</sup>, D. J. Hackam<sup>1,2</sup> <sup>1</sup>Children's Hospital Of Pittsburgh Of UPMC, Pediatric Surgery, Pittsburgh, PA, USA<sup>2</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA<sup>3</sup>Children's Hospital Of Pittsburgh Of UPMC, Neonatal Medicine, Pittsburgh, PA, USA.

**22.10. Acid Sphingomyelinase Inhibition Decreases Lung Injury after Transfusion with Stored Blood.** R. S. Hoehn<sup>1</sup>, P. L. Jernigan<sup>1</sup>, E. F. Midura<sup>1</sup>, J. M. Sutton<sup>1</sup>, C. C. Caldwell<sup>1</sup>, M. J. Edwards<sup>1</sup>, E. Gulbins<sup>1,2</sup>, T. A. Pritts<sup>1</sup> <sup>1</sup>University Of Cincinnati, Surgery, Cincinnati, OH, USA<sup>2</sup>University Of Duisburg-Essen, Molecular Biology, Essen, ESSEN, Germany.

6:30PM - 7:30PM

**Opening Exhibit Reception**

ENCORE 2

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

TUESDAY

WEDNESDAY

THURSDAY

6:00AM - 8:00AM	<b>Continental Breakfast</b>	ENCORE FOYER
6:30AM - 7:30AM	<b>AAS Student Mentor Breakfast</b>	CHOPIN PATIO
7:00AM - 7:30AM	<b>SUS New Members Breakfast: Invitation Only</b>	BRAHMS PATIO
7:30AM - 9:30AM	<b>Integrated Oral Presentation Session I</b>	

### BASIC/TRANSLATION: CANCER BIOLOGY

BEETHOVEN 1

#### MODERATORS: Jason Gold, MD & George Van Buren, MD

##### \*23.01. IMMUNE-MEDIATION ALTERS THE CYTOKINE PROFILE OF HORMONE-DEPENDENT AND HORMONE-INDEPENDENT BREAST CANCER CELLS IN A 3D IN VITRO CULTURE SYSTEM.

T. N. Augustine<sup>1</sup>, R. Duarte<sup>2</sup>, G. P. Candy<sup>2</sup> <sup>1</sup>School of Anatomical Sciences, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa<sup>2</sup>School of Clinical Medicine, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa.

##### \* SRS OF SA SCEALES-ANTROBUS PRIZE WINNER

##### 23.02. NIR Photoimmunotherapy of Pancreatic Cancer Significantly Decreases Recurrence after Resection.

A. A. Maawy<sup>1</sup>, Y. Hiroshima<sup>4</sup>, Y. Zhang<sup>3</sup>, M. Garcia-Guzman<sup>5</sup>, L. Makings<sup>5</sup>, R. Heim<sup>5</sup>, G. A. Luiken<sup>2</sup>, R. M. Hoffman<sup>1,3</sup>, M. Bouvet<sup>1</sup> <sup>1</sup>University Of California - San Diego, Surgery, San Diego, CA, USA<sup>2</sup>OncoFluor, Inc., San Diego, CA, USA<sup>3</sup>AntiCancer, Inc., San Diego, CA, USA<sup>4</sup>Yokohama City University, Surgery, Yokohama City, Japan<sup>5</sup>Aspyrian Therapeutics, San Diego, CA, USA.

##### 23.03. Defining Immunological Aspects of Regional Chemotherapy Using Immunocompetent Murine Melanoma Model.

M. Tsutsui<sup>1</sup>, Z. Sun<sup>1</sup>, P. Speicher<sup>1</sup>, P. Dolber<sup>1,2,3</sup>, J. Dannull<sup>1</sup>, S. Nair<sup>1</sup>, D. Tyler<sup>1,2</sup> <sup>1</sup>Duke University Medical Center, Surgery, Durham, NC, USA<sup>2</sup>Durham VA Medical Center, Durham, NC, USA<sup>3</sup>Duke University Medical Center, Pathology, Durham, NC, USA.

##### 23.04. Melanoma-Associated Fibroblasts Are a Promising Therapeutic Target.

Z. Liu<sup>1</sup>, H. Shao<sup>1</sup>, M. G. Moller<sup>1</sup>, O. C. Velazquez<sup>1</sup> <sup>1</sup>University Of Miami, Surgery/Sylvester Comprehensive Cancer Center, Miami, FL, USA.

##### 23.05. Tumor Stroma and Melanoma Progression Depends on Host Endothelial Cell Derived SDF-1.

Z. N. Maan<sup>1</sup>, M. S. Hu<sup>1</sup>, A. J. Whittam<sup>1</sup>, L. H. Fischer<sup>1</sup>, D. Duscher<sup>1</sup>, G. G. Walmsley<sup>1</sup>, G. W. Krampitz<sup>1</sup>, J. Barrera<sup>1</sup>, D. Atashroo<sup>1</sup>, M. Rodrigues<sup>1</sup>, A. Whitmore<sup>1</sup>, M. Findlay<sup>1</sup>, P. H. Lorenz<sup>1</sup>, M. T. Longaker<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA.

23.06. Neutrophil Extracellular Traps Promote Tumor Progression after Liver Ischemia Reperfusion. S. Tohme<sup>1</sup>, H. Huang<sup>1</sup>, A. Al-Khafaji<sup>1</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA.

23.07. Rhodiola Crenulata Inhibits Wnt/ -Catenin Signaling in the Treatment of Glioblastoma Multiforme. M. C. Mora<sup>1,2</sup>, K. E. Wong<sup>1,2</sup>, M. V. Tirabassi<sup>3</sup>, R. B. Arenas<sup>1,2</sup>, S. Schneider<sup>2</sup> <sup>1</sup>Baystate Medical Center, Surgery, Springfield, MA, USA<sup>2</sup>Pioneer Valley Life Science Institute, Springfield, MA, USA<sup>3</sup>Baystate Children's Hospital, Surgery, Springfield, MA, USA.

##### 23.08. Patient-Derived Pancreatic Cancer Xenografts Reflect Patient Tumor Biology and Predict Outcome.

R. Marayati<sup>1</sup>, C. J. Tiganelli<sup>2</sup>, J. Yeh<sup>1,2,3</sup> <sup>1</sup>Lineberger Comprehensive Cancer Center, 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 Pharmacology, Chapel Hill, NC, USA.

23.09. PI3K and Pan-ErbB Inhibition Overcomes ErbB Cross-Talk in Pancreatic Ductal Adenocarcinoma. C. J. Tiganelli<sup>1</sup>, J. Stratford<sup>2,3</sup>, R. A. Moffitt<sup>2</sup>, J. Yeh<sup>1,2,3</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Department Of Surgery, Chapel Hill, NC, USA<sup>2</sup>University Of North Carolina At Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA<sup>3</sup>University Of North Carolina At Chapel Hill, Department Of Pharmacology, Chapel Hill, NC, USA.

23.10. Identification of Glioblastoma Stem-Like Cell-Binding Human Antibodies by Yeast Biopanning. J. S. Kuo<sup>1</sup>, M. Zorniak<sup>1</sup>, E. V. Shusta<sup>2</sup>, J. S. Kuo<sup>1</sup> <sup>1</sup>University Of Wisconsin, Neurological Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Chemical And Biological Engineering, Madison, WI, USA.

### 7:30AM - 9:30AM Integrated Oral Presentation Session I

### BASIC/TRANSLATION: EXPERIMENTAL THERAPEUTICS

BEETHOVEN 2

#### MODERATORS: Sergio Huerta, MD & Brian S. Zuckerbraun, MD

##### \*24.01. DEMONSTRATION OF THE EFFECTS OF PORTAL VEIN LIGATION ON GLUCOSE METABOLISM USING IN VIVO MULTIMODAL PET/MRI MEASUREMENTS IN HEALTHY RAT LIVER.

A. Fülöp<sup>1</sup>, A. Budai<sup>1</sup>, D. Korsós<sup>1</sup>, V. Hegedüs<sup>1</sup>, L. Harsányi<sup>1</sup>, I. Horváth<sup>2</sup>, N. Kovács<sup>3</sup>, D. Máthé<sup>3</sup>, K. Szigeti<sup>2</sup>, A. Szijártó<sup>1</sup> <sup>1</sup>1st Department of Surgery, Semmelweis University, Budapest, Hungary <sup>2</sup>Department of Biophysics and Radiation Biology; Semmelweis University; Budapest; Hungary <sup>3</sup>CROmed Translational Research Centers; Budapest; Hungary.

##### \* ESSR BRENDEN PRIZE WINNER

##### 24.02. Photodynamic Therapy of Human Lung Cancer Xenografts in Mice.

C. Nwogu<sup>1</sup>, P. Pera<sup>1</sup>, K. Attwood<sup>1</sup>, W. Bshara<sup>1</sup>, R. Pandey<sup>1</sup> <sup>1</sup>Roswell Park Cancer Institute, Buffalo, NY, USA.

##### 24.03. Phase I Clinical Trial of Nitroglycerin added to 5-FU & IR for Treatment of Operable Rectal Cancer.

S. Huerta<sup>1,2</sup>, D. H. Wang<sup>2</sup>, J. Dowell<sup>2</sup>, W. J. Hittson<sup>2</sup>, J. R. Torrosi<sup>2</sup>, H. Illum<sup>2</sup> <sup>1</sup>University Of Texas Southwestern, Surgery, Dallas, TX, USA<sup>2</sup>North Texas VA Health Care System, Surgery/Hematology Oncology/Radiation Oncology, Dallas, TX, USA.

##### 24.04. Targeting Colorectal Cancer Metastasis with Folate-Conjugated Ultrastable RNA Nanoparticles.

P. Rychahou<sup>1,2</sup>, F. Haque<sup>4,5</sup>, Y. Shu<sup>4,5</sup>, Y. Zaytseva<sup>1</sup>, H. L. Weiss<sup>1</sup>, E. Y. Lee<sup>1,2,3</sup>, W. Mustain<sup>2</sup>, J. Valentino<sup>2</sup>, P. Guo<sup>1,4,5</sup>, B. M. Evers<sup>1,2</sup> <sup>1</sup>University Of Kentucky, Markey 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, Nanobiotechnology Center, Lexington, KY, USA<sup>5</sup>University Of Kentucky, Department Of Pharmaceutical Sciences, Lexington, KY, USA.

##### 24.05. Nanoparticle-targeting of breast cancer stem cells improves efficacy and durability of chemotherapy.

P. T. White<sup>1</sup>, C. Subrama-

nian<sup>1</sup>, P. T. Grogan<sup>1,2</sup>, S. Cai<sup>3</sup>, M. L. Forrest<sup>3</sup>, M. S. Cohen<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Kansas, Department Of Pharmacology, Toxicology And Therapeutics, Kansas City, KS, USA<sup>3</sup>University Of Kansas, Department Of Pharmaceutical Sciences, Lawrence, KS, USA.

24.06. Hydrogen Sulfide Improves Resuscitation via Non-Hibernatory Mechanisms in a Porcine Shock Model. S. Satterly<sup>1</sup>, J. Stallings<sup>1</sup>, S. Salgar<sup>1</sup>, Z. Hoffer<sup>1</sup>, M. Martin<sup>1</sup> <sup>1</sup>Madigan Army Medical Center, Surgery, Tacoma, WA, USA.

24.07. Selective Inhibition of PAD4 Improves Survival in a Rat Model of Lethal Hemorrhagic Shock. W. He<sup>1</sup>, P. Zhou<sup>1</sup>, Z. Chang<sup>1</sup>, B. Liu<sup>1</sup>, J. Maxwell<sup>1</sup>, I. Halaweish<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA.

24.08. Selective inhibition of Histone Deacetylase 6 Improves Survival in a Lethal Two-hit Model. X. Cheng<sup>1</sup>, Z. Liu<sup>1</sup>, B. Liu<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA.

24.09. Selective Inhibition of SIRT2 improves Outcomes in a Lethal Septic Model. T. Zhao<sup>1</sup>, Y. Li<sup>1</sup>, B. Liu<sup>1</sup>, R. T. Bronson<sup>2</sup>, H. B. Alam<sup>1</sup> <sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA<sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA.

24.10. Dietary Supplementation of the AHR Ligand Indole-3-Carboxyl Reduces C. Difficile Disease in Mice. W. A. Julliard<sup>1</sup>, J. Fechner<sup>1</sup>, T. De Wolfe<sup>3</sup>, N. Safdar<sup>2</sup>, J. Mezrich<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Division Of Transplant Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Medicine, Division Of Infectious Diseases, Madison, WI, USA<sup>3</sup>University Of Wisconsin, Department Of Food Science, Madison, WI, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

## BASIC/TRANSLATION: ISCHEMIA/REPERFUSION/INJURY RESPONSE

BRAHMS 1

MODERATORS: Michael D. Goodman, MD &amp; Matthew J. Martin, MD

## 25.01. Carbon Monoxide Protects Against Mitochondrial Injury

**Following Hemorrhage and Resuscitation.** P. Waltz<sup>1</sup>, J. Luciano<sup>1</sup>, S. Shiva<sup>1</sup>, B. Zuckerbraun<sup>1,2</sup> <sup>1</sup>University Of Pittsburgh,Pittsburgh, PA, USA<sup>2</sup>VA Pittsburgh Healthcare System,Pittsburgh, PA, USA.

## 25.02. Genetic Modulation to Improve Traumatic Brain Injury

**Induced Inflammation.** J. Lee<sup>1</sup>, K. Sail<sup>1</sup>, T. Costantini<sup>1</sup>, B. Eliceiri<sup>1</sup>, R. Coimbra<sup>1</sup>, V. Bansal<sup>1</sup> <sup>1</sup>University Of California - San Diego,Department Of Surgery, Division Of Trauma, Surgical Critical Care And Burns,San Diego, CA, USA.

## 25.03. DPR Reduces Visceral Ischemia and Inflammatory

**Cytokines Following Hemorrhagic Shock.** J. L. Weaver<sup>1</sup>, S. Matheson<sup>1</sup>, P. Matheson<sup>1</sup>, C. Downard<sup>1</sup>, R. N. Garrison<sup>1</sup>, J. Smith<sup>1</sup> <sup>1</sup>University Of Louisville,Department Of Surgery,Louisville, KY, USA.

## 25.04. Age-Dependent Changes of Metabolic Pathways in the

**Lung Following Murine Hemorrhagic Shock.** L. R. Klingbeil<sup>1,2</sup>, G. Piraino<sup>1</sup>, P. W. Hake<sup>1</sup>, J. R. Ledford<sup>1</sup>, B. Zingarelli<sup>1</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center,Department Of Critical Care,Cincinnati, OH, USA<sup>2</sup>University Of Cincinnati,Department Of Surgery,Cincinnati, OH, USA.

## 25.05. IL-17A/F is Associated with the Immunopathology of

**Trauma in Humans and Mice.** M. H. Ramadan<sup>1</sup>, R. Namas<sup>1</sup>, Y. Vodovotz<sup>1</sup>, T. R. Billiar<sup>1</sup> <sup>1</sup>University Of Pittsburgh,Surgery,Pittsburgh, PA, USA.

## 25.06. Fibrinolysis Shutdown Phenotype Masks Changes in Rodent

**Coagulation Measured by Thrombelastography.** H. B. Moore<sup>1</sup>, P. Lawson<sup>1</sup>, M. Frago<sup>1</sup>, E. Gonzalez<sup>1</sup>, M. P. Chapman<sup>1</sup>, F. Gamboni<sup>1</sup>, S. Mitra<sup>1</sup>, C. A. Anderson<sup>1</sup>, A. Banerjee<sup>1</sup>, C. C. Silliman<sup>1</sup>, E. E. Moore<sup>1</sup> <sup>1</sup>University Of Colorado,Surgery,Denver, COLORADO, USA.

## 25.07. Regulation of Hypoxic Alveolar Epithelial Cells in Lung

**Contusion.** M. Sherman<sup>1</sup>, M. V. Suresh<sup>1</sup>, D. Machado-Aranda<sup>1</sup>, B. Thomas<sup>1</sup>, N. Talarico<sup>1</sup>, Y. Shah<sup>2</sup>, K. Raghavendran<sup>1</sup> <sup>1</sup>University Of Michigan,Acute Care Surgery/General Surgery,Ann Arbor, MI, USA<sup>2</sup>University Of Michigan,Molecular Biology And Integrative Physiology,Ann Arbor, MI, USA.

## 25.08. Hydrogen Inhalation Protects Against Acute Lung Injury

**Induced by Hemorrhagic Shock/ Resuscitation.** K. KOHAMA<sup>1</sup>, H. Yamashita<sup>1</sup>, M. A. Ishikawa<sup>1</sup>, T. Nishimura<sup>1</sup>, N. Fujisaki<sup>1</sup>, J. Kotani<sup>1</sup>, A. Nakao<sup>1</sup> <sup>1</sup>Hyogo College Of Medicine,Department Of Emergency, Disaster And Critical Care Medicine,Nishinomiya, HYOGO, Japan.

## 25.09. The alpha-7 nicotinic acetylcholine receptor mediates the

**vagal anti-inflammatory response to injury.** S. Langness<sup>1</sup>, B. P. Eliceiri<sup>1</sup>, V. Bansal<sup>1</sup>, R. Coimbra<sup>1</sup>, T. W. Costantini<sup>1</sup> <sup>1</sup>University Of California - San Diego,Division Of Trauma, Surgical Critical Care, Burns, And Acute Care Surgery,San Diego, CA, USA.

## 25.10. Metabolic Derangement of Coagulation: A Likely Suspect

**For Post Operative Bleeding.** G. D. Wiener<sup>1</sup>, H. B. Moore<sup>1</sup>, P. Lawson<sup>1</sup>, E. Gonzalez<sup>1</sup>, M. P. Chapman<sup>1</sup>, A. P. Morton<sup>1</sup>, A. Sauaia<sup>1</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>2</sup> <sup>1</sup>University Of Colorado Denver,Aurora, CO, USA<sup>2</sup>Denver Health Medical Center,Aurora, CO, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

## BASIC/TRANSLATION: WOUND HEALING &amp; FIBROSIS

BRAHMS 2

MODERATORS: Sundee Keswani, MD &amp; Kenneth W. Liechty, MD

## 26.01. Dipeptidyl peptidase-4 Inhibition Promotes Wound Healing

**in Murine Models of Type 1 and 2 Diabetes.** A. J. Whittam<sup>1</sup>, Z. N. Maan<sup>1</sup>, D. Duscher<sup>1</sup>, L. H. Fischer<sup>1</sup>, N. Ho<sup>1</sup>, M. Rodrigues<sup>1</sup>, M. S. Hu<sup>1</sup>, G. G. Walmsley<sup>1</sup>, M. Januszky<sup>1</sup>, J. Barrera<sup>1</sup>, A. J. Whitmore<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University,Surgery,Palo Alto, CA, USA.

## 26.02. SDF-1 attenuates diabetic wound inflammation through

**modulation of miR-146a expression.** J. Xu<sup>1,2</sup>, C. Zgheib<sup>1,2</sup>, J. Hu<sup>1,2</sup>, K. W. Liechty<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver,Surgery,Aurora, CO, USA<sup>2</sup>Children's Hospital Colorado,Pediatric Surgery,Aurora, CO, USA.

## 26.03. Accelerated Myocutaneous Revascularization Following

**Graded-Ischemia in db/db Mice.** R. M. Clark<sup>1</sup>, B. Coffman<sup>1</sup>, D. A. Ramirez<sup>2</sup>, S. Godoy<sup>2</sup>, S. A. Meyers<sup>2</sup>, T. McGregor<sup>2</sup>, S. Krishna<sup>2</sup>, P. G. McGuire<sup>3</sup>, T. R. Howdieshell<sup>1</sup> <sup>1</sup>University Of New Mexico HSC,Surgery,Albuquerque, NM, USA<sup>2</sup>Skinframed LLC,Albuquerque, NM, USA<sup>3</sup>University Of New Mexico HSC,Cell Biology And Physiology,Albuquerque, NM, USA.

## 26.04. Effect of Stretch On Extracellular Matrix And Morphology

**Of Fibroblasts in Regenerative Wound Healing.** S. Balaji<sup>1</sup>, N. Hann<sup>1</sup>, R. Ranjan<sup>1</sup>, C. Moles<sup>1</sup>, A. F. Shaaban<sup>1</sup>, T. M. Crombleholme<sup>1,3</sup>, P. Bolyky<sup>2</sup>, S. G. Keswani<sup>1</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center,Pediatric General Thoracic And Fetal Surgery,Cincinnati, OH, USA<sup>2</sup>Stanford School Of Medicine,Infectious Diseases, Department Of Medicine,Palo Alto, CA, USA<sup>3</sup>Children's Hospital Colorado,Center For Children's Surgery,Aurora, CO, USA.

## 26.05. GelE/sprE are critical for Enterococcus faecalis-induced

**anastomotic leak in a rat model.** J. N. Luo<sup>1</sup>, B. A. Shakh-sheer<sup>1</sup>, R. Klabbbers<sup>1</sup>, A. Zaborin<sup>1</sup>, N. Belogortseva<sup>1</sup>, O. Zaborina<sup>1</sup>, J. C. Alverdy<sup>1</sup> <sup>1</sup>The University Of Chicago Pritzker School Of Medicine,Department Of Surgery,Chicago, IL, USA<sup>2</sup>Radboud University Nijmegen Medical Centre,Department Of Surgery,Nijmegen, GELDERLAND, Netherlands.

## 26.06. Adipose-Derived Stem Cell-Seeded Hydrogels Increase

**Progenitor Cell Recruitment and Functionality.** R. Kosaraju<sup>1</sup>, R. Rennert<sup>1</sup>, J. Barrera<sup>1</sup>, A. J. Whittam<sup>1</sup>, Z. N. Maan<sup>1</sup>, M. Rodrigues<sup>1</sup>, D. Duscher<sup>1</sup>, M. Januszky<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University,Department Of Surgery, Division Of Plastic Surgery,Palo Alto, CA, USA.

## 26.07. Nanocarrier-decorated Mesenchymal Stem Cells for Thera-

**peutic Wound Healing and Angiogenesis.** Z. Liu<sup>1</sup>, B. Wang<sup>1</sup>, D. M. Castilla<sup>1</sup>, Y. Li<sup>1</sup>, R. Tian<sup>1</sup>, L. Kovalski<sup>1</sup>, O. C. Velazquez<sup>1</sup> <sup>1</sup>University Of Miami,Surgery/Sylvester Comprehensive Cancer Center,Miami, FL, USA.

## 26.08. Transdermal Deferoxamine Prevents Pressure-Induced

**Diabetic Ulcers.** D. Duscher<sup>1</sup>, Z. N. Maan<sup>1</sup>, A. J. Whittam<sup>1</sup>, V. W. Wong<sup>1</sup>, M. S. Hu<sup>1</sup>, G. G. Walmsley<sup>1</sup>, R. C. Rennert<sup>1</sup>, M. Rodrigues<sup>1</sup>, A. J. Whitmore<sup>1</sup>, D. Atashroo<sup>1</sup>, E. R. Zielins<sup>1</sup>, R. Tevlin<sup>1</sup>, J. Barrera<sup>1</sup>, J. Rajadas<sup>2</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University,Division Of Plastic Surgery,Palo Alto, CA, USA<sup>2</sup>Stanford University,Biomaterials And Advanced Drug Delivery Center,Stanford, CA, USA.

## 26.09. Delivery of Monocyte Lineage Cells in a Biomimetic Scaf-

**fold Enhances Tissue Repair.** G. G. Walmsley<sup>1,2</sup>, M. S. Hu<sup>1</sup>, K. Weiskopf<sup>2</sup>, R. C. Rennert<sup>1</sup>, M. Januszky<sup>1</sup>, Z. N. Maan<sup>1</sup>, D. Duscher<sup>1</sup>, K. Senarath-Yapa<sup>1</sup>, A. J. Whittam<sup>1</sup>, R. Tevlin<sup>1</sup>, D. A. Atashroo<sup>1</sup>, I. L. Weissman<sup>2</sup>, H. P. Lorenz<sup>1</sup>, G. C. Gurtner<sup>1</sup>, M. T. Longaker<sup>1,2</sup> <sup>1</sup>Stanford University School Of Medicine,Department Of Surgery, Division Of Plastic & Reconstructive Surgery,Stanford, CA, USA<sup>2</sup>Stanford University School Of Medicine,Institute For Stem Cell Biology And Regenerative Medicine,Stanford, CA, USA.

## 26.10. Heterotopic Ossification is Inhibited in Leptin-deficient (ob/

**ob) Mice Despite Robust Vessel Growth.** S. Agarwal<sup>1</sup>, J. Peterson<sup>1</sup>, O. Eboda<sup>1</sup>, S. Loder<sup>1</sup>, C. Brownley<sup>1</sup>, A. Donneys<sup>1</sup>, D. Fine<sup>1</sup>, K. Stettinichs<sup>1</sup>, K. Ranganathan<sup>1</sup>, S. Wang<sup>1</sup>, S. Buchman<sup>1</sup>, P. Cederna<sup>1</sup>, B. Levi<sup>1</sup> <sup>1</sup>University Of Michigan,Surgery,Ann Arbor, MI, USA.

7:30AM - 9:30AM

### Integrated Oral Presentation Session I

#### BASIC/TRANSLATION: NOVEL AND EMERGING THERAPEUTICS

STRAUSS

#### MODERATORS: Timothy R. Donahue, MD & Russell Woo, MD

TUESDAY

WEDNESDAY

THURSDAY

**27.01. Electrophysiological Characterisation Of Human Visceral Afferent Nerves: First In Man.** K. S. Ng<sup>1,2</sup>, N. A. Montes-Adrian<sup>2</sup>, D. A. Mahns<sup>3</sup>, M. A. Gladman<sup>1,2,1</sup> Academic Colorectal Unit, Sydney Medical School - Concord Hospital Campus, University of Sydney, NSW, Australia.<sup>2</sup>Enteric Neuroscience & Gastrointestinal Research Group, ANZAC Research Institute, University of Sydney, Australia<sup>3</sup>Department of Integrative Physiology, School of Medicine, University of Western Sydney, NSW, Australia.

**27.02. BET Inhibitor Blocks Neurosphere Formation And Promotes Differentiation In Neuroblastomas.** E. J. Rellinger<sup>1</sup>, S. Lee<sup>1</sup>, J. Qiao<sup>1</sup>, B. T. Craig<sup>1</sup>, K. Kim<sup>1</sup>, C. V. Romain<sup>1</sup>, D. H. Chung<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA.

**27.03. Circulating Tumors Cells as a Preoperative Biomarker of Metastatic Disease in Pancreatic Cancer.** J. Ankeny<sup>1</sup>, C. Court<sup>1</sup>, H. Tseng<sup>2</sup>, J. S. Tomlinson<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, Surgical Oncology, Los Angeles, CA, USA<sup>2</sup>University Of California - Los Angeles, Molecular & Medical Pharmacology, Los Angeles, CA, USA.

**27.04. A Novel Selective Retinoid X Receptor Agonist, 9-cis-UAB30, Inhibits Hepatoblastoma Cell Growth.** A. M. Waters<sup>1</sup>, J. E. Stewart<sup>1</sup>, V. R. Atigadda<sup>1</sup>, D. D. Muccio<sup>1</sup>, C. J. Grubbs<sup>1</sup>, E. A. Beierle<sup>1</sup> <sup>1</sup>University Of Alabama, Birmingham, Alabama, USA.

**27.05. ERK MAP Kinase Interacts with and Up-regulates Pancreatic Duodenal Homeobox-1.** G. Zhou<sup>1</sup>, E. Rozengurt<sup>2</sup>, J. Sinnett-Smith<sup>2</sup>, S. Liu<sup>1</sup>, J. Yu<sup>1</sup>, J. Wu<sup>1</sup>, R. Sanchez<sup>1</sup>, F. C. Brunicaudi<sup>1</sup> <sup>1</sup>University Of California - Los Angeles, General Surgery/Surgery/ David Geffen School Of Medicine, Los Angeles, CA, USA<sup>2</sup>University Of California - Los Angeles, Digestive Diseases/Medicine/David Geffen School Of Medicine, Los Angeles, CA, USA.

**27.06. Focal Adhesion Kinase as a Mechanism of Distraction-Mediated Enterogenesis.** F. R. Demehri<sup>1</sup>, Y. Feng<sup>1</sup>, R. Sueyoshi<sup>1</sup>, H. K. Yoon<sup>1</sup>, J. Guan<sup>2</sup>, D. H. Teitelbaum<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan, Internal Medicine, Ann Arbor, MI, USA.

**27.07. Construction of the subcutaneous liver tissue by transplantation of hepatic NPCs sheets.** M. Fujii<sup>1</sup>, K. Yamanouchi<sup>1</sup>, Y. Sakai<sup>1</sup>, A. Kinoshita<sup>1</sup>, M. Hidaka<sup>1</sup>, A. Soyama<sup>1</sup>, K. Kobayashi<sup>1</sup>, M. Takatsuki<sup>1</sup>, K. Kanetaka<sup>1</sup>, F. Fujita<sup>1</sup>, T. Kuroki<sup>1</sup>, S. Eguchi<sup>1</sup> <sup>1</sup>Department Of Surgery, Nagasaki University Graduate School Of Biomedical Sciences, Nagasaki, NAGASAKI, Japan.

**27.08. The Use of Cadaveric Human Intestine as a Source of Intestinal Stem Cells.** A. Scott<sup>1</sup>, J. D. Rouch<sup>1</sup>, B. A. Kokubun<sup>1</sup>, H. A. Khalil<sup>1</sup>, N. Y. Lei<sup>1</sup>, B. Olack<sup>7</sup>, M. Lewis<sup>5</sup>, J. C. Niland<sup>8</sup>, M. G. Stelzner<sup>1,4</sup>, J. C. Dunn<sup>1,6</sup>, M. G. Martin<sup>2,3</sup> <sup>1</sup>University Of California - Los Angeles, Division Of Pediatric Surgery, Department Of Surgery, David Geffen School Of Medicine At UCLA, Los Angeles, CA, USA<sup>2</sup>University Of California - Los Angeles, Division Of Gastroenterology And Nutrition, Department Of Pediatrics, Mattel Children's Hospital And The David Geffen School Of Medicine At UCLA, Los Angeles, CA, USA<sup>3</sup>University Of California - Los Angeles, Eli And Edythe Broad Center Of Regenerative Medicine And Stem Cell Research, University Of California, Los Angeles, Los Angeles, CA, USA<sup>4</sup>Veterans Affairs Greater Los Angeles Healthcare System, Department Of Surgery, Los Angeles, CA, USA<sup>5</sup>Veterans Affairs Greater Los Angeles Healthcare System, Department Of Pathology, Los Angeles, CA, USA<sup>6</sup>University Of California - Los Angeles, Department Of Bioengineering, School Of Engineering, Los Angeles, CA, USA<sup>7</sup>City Of Hope National Medical Center, Department Of Information Sciences - Integrated Islet Distribution Consortium & Intestinal Stem Cell Consortium - Coordinating Center, Duarte, CA, USA<sup>8</sup>City Of Hope National Medical Center, Department Of Information Sciences, Intestinal Stem Cell Consortium, Duarte, CA, USA.

**27.09. Bone Marrow Stromal Cells Remediate Radiation Induced Osteogenesis via Histological Evaluation.** S. S. Deshpande<sup>1</sup>, A. Zheutlin<sup>1</sup>, S. Kang<sup>2</sup>, T. Patel<sup>1</sup>, A. Donneys<sup>1</sup>, P. Felice<sup>1,3</sup>, N. Noah<sup>1</sup>, J. Rodriguez<sup>1</sup>, Y. Polyatskaya<sup>1</sup>, S. R. Buchman<sup>1</sup> <sup>1</sup>University Of Michigan, Plastic Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan, Otolaryngology, Ann Arbor, MI, USA<sup>3</sup>Medical University Of South Carolina, General Surgery, Charleston, SC, USA.

**27.10. Organ-Specific Differences In Fibrinolysis During Ischemia.** E. Gonzalez<sup>1</sup>, H. B. Moore<sup>1</sup>, M. P. Chapman<sup>1</sup>, M. Fragoso<sup>1</sup>, A. P. Morton<sup>1</sup>, C. C. Silliman<sup>1,2</sup>, A. Banerjee<sup>1</sup>, E. E. Moore<sup>1,3</sup> <sup>1</sup>University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA<sup>2</sup>Bonfils Blood Center, Department Of Research, Denver, CO, USA<sup>3</sup>Denver Health Medical Center, Department Of Surgery, Denver, CO, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

CLINICAL/OUTCOMES: CLINICAL RESEARCH - GENERAL SURGERY 1

VIVALDI

**MODERATORS: John I. Lew, MD & Rebecca Sippel, MD**

**28.01. Variation in Transfusion Practices and the Effect on Outcomes after General or Vascular Surgery.** Z. M. Abdelsattar<sup>1</sup>, S. Hendren<sup>1</sup>, S. L. WONG<sup>1</sup>, D. A. Campbell<sup>1</sup>, P. K. Henke<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA.

**28.02. Preoperative HbA1C is a Better Predictor than Postoperative Glucose of Major Complications.** C. J. Goodenough<sup>1</sup>, M. T. Nguyen<sup>1</sup>, D. H. Nguyen<sup>1</sup>, J. S. Roth<sup>2</sup>, C. J. Wray<sup>1</sup>, L. S. Kao<sup>1</sup>, M. K. Liang<sup>1</sup> <sup>1</sup>University Of Texas Health Sciences Center At Houston, Surgery, Houston, TX, USA<sup>2</sup>University Of Kentucky, Surgery, Lexington, KY, USA.

**28.03. Leukopenia is an Independent Predictor of Poor Outcomes following Emergent Abdominal Surgery.** B. C. Gulack<sup>1</sup>, B. R. Englum<sup>1</sup>, D. D. Lo<sup>1</sup>, D. P. Nussbaum<sup>1</sup>, J. E. Keenan<sup>1</sup>, J. E. Scarborough<sup>1</sup>, M. L. Shapiro<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA.

**28.04. Be Aware of Blood Transfusion in Colorectal Surgery for Diverticular Disease.** S. Tam<sup>3</sup>, P. Chung<sup>2</sup>, R. Lee<sup>2</sup>, A. Alfonso<sup>2</sup>, G. Sugiyama<sup>2</sup> <sup>2</sup>SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA<sup>3</sup>SUNY Downstate, College Of Medicine, Brooklyn, NY, USA.

**28.05. Surgical Outcomes of Cholecystectomy Following Cholecystostomy for Acute Calculous Cholecystitis.** H. Mazeh<sup>1</sup>, I. Mizrahi<sup>1</sup>, J. Yuval<sup>1</sup>, G. Almog<sup>1</sup>, M. Bala<sup>1</sup>, N. Abu Ata<sup>1</sup>, E. Kuchuk<sup>1</sup>, J. Rachmuth<sup>1</sup>, A. Nissan<sup>1</sup>, A. Eid<sup>1</sup> <sup>1</sup>Hadassah-Hebrew University Medical Center, Surgery, Jerusalem, , Israel.

**28.06. Outcomes of Primary Tissue Repair of Umbilical Hernias in Obese Veterans.** J. J. Yao<sup>1,2</sup>, T. Pham<sup>2</sup>, D. Ovando<sup>1,2</sup>, S. Huerta<sup>2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA<sup>2</sup>VA North Texas Health Care System, Dallas, TX, USA.

**28.07. A Prospective Study to Determine the Best Predictors of Symptomatic Hypocalcemia After Thyroidectomy.** B. C. James<sup>1</sup>, M. White<sup>1</sup>, S. Nagar<sup>1</sup>, C. Nocon<sup>2</sup>, E. Kaplan<sup>1</sup>, P. Angelos<sup>1</sup>, R. H. Grogan<sup>1</sup> <sup>1</sup>University Of Chicago, Division Of Endocrine Surgery/ Department Of Surgery/ Pritzker School Of Medicine, Chicago, IL, USA<sup>2</sup>University Of Chicago, Division Of Otolaryngology/ Department Of Surgery/ Pritzker School Of Medicine, Chicago, IL, USA.

**28.08. Intraoperative Parathyroid Hormone Level Spikes: Do They Predict Single Gland Disease?** A. A. Carr<sup>1</sup>, T. W. Yen<sup>1</sup>, D. B. Evans<sup>1</sup>, T. S. Wang<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Division Of Surgical Oncology, Milwaukee, WI, USA.

**28.09. Does Levothyroxine Administration Impact Parathyroid Localization?** R. R. Ayers<sup>1</sup>, K. Tobin<sup>2</sup>, D. Elfenbein<sup>1</sup>, C. J. Balentine<sup>1</sup>, R. S. Sippel<sup>1</sup>, H. Chen<sup>1</sup>, D. F. Schneider<sup>1</sup> <sup>1</sup>University Of Wisconsin, Endocrine Surgery, Madison, WI, USA<sup>2</sup>University Of Oregon, Eugene, OR, USA.

**28.10. Low Parathyroid Hormone Levels after Total Thyroidectomy: Incidence and Time to Resolution.** K. M. Ritter<sup>1</sup>, D. Elfenbein<sup>1</sup>, D. F. Schneider<sup>1</sup>, H. Chen<sup>1</sup>, R. S. Sippel<sup>1</sup> <sup>1</sup>University Of Wisconsin, Division Of General Surgery, Department Of Surgery, Madison, WI, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

CLINICAL/OUTCOMES: CLINICAL RESEARCH - GENERAL SURGERY 2

BRAHMS 3

**MODERATORS: Clifford S. Cho, MD & Elliott R. Haut, MD**

**\*29.01. TREATMENT STRATEGY FOR HEPATOCELLULAR CARCINOMA WITH PORTAL VEIN TUMOR THROMBOSIS.** T. Ochiai<sup>1</sup>, T. Sato<sup>1</sup>, Y. Ohata<sup>1</sup>, H. Ueda<sup>1</sup>, A. Oba<sup>1</sup>, K. Akahoshi<sup>1</sup>, K. Nakao<sup>1</sup>, T. Furuyama<sup>1</sup>, E. Katsuta<sup>1</sup>, H. Ito<sup>1</sup>, S. Matsumura<sup>1</sup>, A. Aihara<sup>1</sup>, D. Ban<sup>1</sup>, T. Irie<sup>1</sup>, A. Kudo<sup>1</sup>, S. Tanaka<sup>1</sup>, M. Tanabe<sup>1</sup> <sup>1</sup>Tokyo Medical And Dental University, Hepato-Biliary-Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan.

**\* JSS ABSTRACT AWARD WINNER**

**29.02. Mortality Following Pancreatoduodenectomy: The Influence of Fistula Risk.** M. T. McMillan<sup>1</sup>, M. H. Sprys<sup>1</sup>, J. A. Drebin<sup>1</sup>, M. K. Lee<sup>1</sup>, R. E. Roses<sup>1</sup>, D. L. Fraker<sup>1</sup>, The Pancreatic Fistula Study Group<sup>1</sup>, C. M. Vollmer<sup>1</sup> <sup>1</sup>University Of Pennsylvania Perelman School Of Medicine, Surgery, Philadelphia, PA, USA.

**29.03. Minimally Invasive Esophagectomy has Lower Severity of Complications than Open/Hybrid Esophagectomy.** A. Chaudhary<sup>1</sup>, M. J. Pucci<sup>1</sup>, A. C. Berger<sup>1</sup>, E. L. Rosato<sup>1</sup>, N. R. Evans<sup>1</sup>, K. Chojnacki<sup>1</sup>, F. Palazzo<sup>1</sup> <sup>1</sup>Thomas Jefferson University, Philadelphia, PA, USA.

**29.04. Combined Surgery and Chemotherapy Correlates with Superior Survival in Hepatic Embryonal Sarcoma.** Y. Shi<sup>1</sup>, W. Zhang<sup>4</sup>, E. Beierle<sup>5</sup>, J. Doski<sup>6</sup>, A. Goldin<sup>7</sup>, M. Goldfarb<sup>8</sup>, K. Gow<sup>7</sup>, M. Langer<sup>9</sup>, J. Nuchtern<sup>1,3</sup>, S. A. Vasudevan<sup>1,3</sup> <sup>1</sup>Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA<sup>3</sup>Texas Children's Hospital, Department Of General Pediatric Surgery, Houston, TX, USA<sup>4</sup>Texas Children's Hospital, Outcomes And Impact Service, Houston, TX, USA<sup>5</sup>University Of Alabama, Department Of Surgery, Birmingham, AL, USA<sup>6</sup>University Of Texas Health Science Center - San Antonio, Department Of Surgery, San Antonio, TX, USA<sup>7</sup>University Of Washington, Department Of Surgery, Seattle, WA, USA<sup>8</sup>University Of Southern California, Department Of Surgery, Los Angeles, CA, USA<sup>9</sup>Tufts University, Department Of Surgery, Portland, ME, USA.

**29.05. Predictors of Postoperative Mortality Among Patients With Disseminated Cancer and Perforation.** C. E. Cauley<sup>1,3</sup>, M. T. Panizales<sup>5</sup>, G. Reznor<sup>2,4</sup>, A. B. Haynes<sup>1,3</sup>, J. M. Havens<sup>2,4</sup>, Z. Cooper<sup>1,2,4</sup> <sup>1</sup>Ariadne Labs, Boston, MA, USA<sup>2</sup>Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA<sup>3</sup>Massachusetts General Hospital, Dept. Of Surgery, Boston, MA, USA<sup>4</sup>Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA<sup>5</sup>Partners Healthcare International, Boston, MA, USA.

**29.06. Image Related Factors Important for AKI Risk Assessment After Colectomies.** E. T. Chang<sup>1</sup>, A. Lussiez<sup>1</sup>, J. Li<sup>1</sup>, N. Wang<sup>1</sup>, S. C. Wang<sup>1</sup> <sup>1</sup>University Of Michigan, General Surgery, Ann Arbor, MI, USA.

**29.07. Outcomes in Cirrhotic Patients After Major Laparoscopic vs Open Gastrointestinal Non-Hepatic Surgery.** D. Hsu<sup>1</sup>, S. Tohme<sup>1</sup>, D. Chalhoub<sup>2</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA<sup>2</sup>University Of Pittsburgh, Department Of Epidemiology, Pittsburgh, PA, USA.

**29.08. The Diagnostic Accuracy of Abdominal Ultrasound and HIDA Scan for Acute Cholecystitis.** C. Kaoutzanis<sup>1</sup>, E. Davies<sup>1</sup>, S. W. Leichter<sup>1</sup>, K. B. Welch<sup>2</sup>, S. Winter<sup>1</sup>, M. G. Franz<sup>1</sup>, W. Arneson<sup>1</sup> <sup>1</sup>St. Joseph's Mercy Hospital, Department Of Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan, Center For Statistical Consultation And Research, Ann Arbor, MI, USA<sup>3</sup>University Of Southern California, Department Of Surgery, Los Angeles, CA, USA.

**29.09. The Management of Cholecystectomy in Patients Receiving Anticoagulant and/or Antiplatelet Therapy.** K. Akahoshi<sup>1</sup>, T. Ochiai<sup>1</sup>, S. Matsumura<sup>1</sup>, A. Aihara<sup>1</sup>, D. Ban<sup>1</sup>, T. Irie<sup>1</sup>, A. Kudo<sup>1</sup>, S. Tanaka<sup>1</sup>, M. Tanabe<sup>1</sup> <sup>1</sup>Tokyo Medical And Dental University, Department Of Hepato-Biliary-Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan.

**29.10. The Impact of Smoking on Ventral Hernia Repair: An Analysis of NSQIP Data.** S. Ross<sup>1</sup>, C. R. Huntington<sup>1</sup>, T. Cox<sup>1</sup>, L. Blair<sup>1</sup>, B. Oommen<sup>1</sup>, A. Walters<sup>1</sup>, A. Lincourt<sup>1</sup>, R. Sing<sup>1</sup>, B. T. Heniford<sup>1</sup>, V. Augenstein<sup>1</sup> <sup>1</sup>Carolinas Medical Center, Charlotte, NC, USA.

7:30AM - 9:30AM

### Integrated Oral Presentation Session I

**CLINICAL/OUTCOMES: CLINICAL RESEARCH - ONCOLOGY 1**

BRAHMS 4

**MODERATORS: Kamran Idrees, MD & Lee Wilke, MD**

**\*30.01. PROFILE OF HEPATOCELLULAR CARCINOMA IN SURGICAL AREA: ABOUT 100 CASES.** P. S. Diop<sup>1</sup>, I. Ka<sup>1</sup>, M. Faye<sup>1</sup>, J. M. Ndoeye<sup>1</sup>, B. Fall<sup>1</sup> <sup>1</sup>Department of General Surgery, General Hospital of Grand Yoff, Dakar, Senegal.  
**\* WEST AFRICAN COLLEGE OF SURGEONS VISITING PROFESSOR**

**30.02. Occult Metastases in Node-negative Breast Cancer: A SEER-based Analysis.** C. W. Kimbrough<sup>1</sup>, K. M. McMasters<sup>1</sup>, A. R. Quillo<sup>1</sup>, N. Ajakaiye<sup>1</sup> <sup>1</sup>University Of Louisville, Hiram C. Polk, Jr. Department Of Surgery, Louisville, KY, USA.

**30.03. The Impact of Malignant Pleural Mesothelioma Histologic Subtype on Outcomes in the SEER Database.** C. J. Yang<sup>1</sup>, P. Speicher<sup>1</sup>, B. Gulack<sup>1</sup>, R. R. Meyerhoff<sup>1</sup>, M. Hartwig<sup>1</sup>, T. D'Amico<sup>1</sup>, D. Harpole<sup>1</sup>, M. Berry<sup>1,2</sup> <sup>2</sup>Stanford, Cardiothoracic Surgery, Palo Alto, CA, USA <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA.

**30.04. Trends in Radiation Therapy for Elderly Women with Early Stage Breast Cancer: A Report from the NCDB.** O. Kantor<sup>1</sup>, E. Leiderbach<sup>2</sup>, C. Wang<sup>3</sup>, D. J. Winchester<sup>2</sup>, C. E. Pesce<sup>2</sup>, K. Yao<sup>2</sup> <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>2</sup>NorthShore University Health System, Department Of Surgery, Evanston, IL, USA <sup>3</sup>Northshore University Health Systems, Center For Biomedical Research Informatics, Evanston, IL, USA.

**30.05. Clinical Significance of Obesity –related Factors in Perioperative Management of Esophageal Cancer.** Y. Kikuchi<sup>1</sup>, H. Takeuchi<sup>1</sup>, H. Kawakubo<sup>1</sup>, K. Fukuda<sup>1</sup>, R. Nakamura<sup>2</sup>, T. Takahashi<sup>2</sup>, N. Wada<sup>1</sup>, Y. Saikawa<sup>1</sup>, T. Omori<sup>1</sup>, Y. Kitagawa<sup>1</sup> <sup>1</sup>Keio University School Of Medicine, Department Of Surgery, Shinjuku, TOKYO,

Japan <sup>2</sup>Keio University School Of Medicine, Tumor Center, Shinjuku, TOKYO, Japan.

**30.06. Node-negative Rectal Cancer after neoadjuvant therapy: How many lymph nodes should be removed?** M. Raoof<sup>1</sup>, V. N. Nfonso<sup>1</sup>, J. Warneke<sup>1</sup>, R. Krouse<sup>1,2</sup> <sup>1</sup>University Of Arizona College Of Medicine, Surgical Oncology, Tucson, AZ, USA <sup>2</sup>Southern Arizona Veterans Affairs Health Care System, Surgical Care Line, Tucson, AZ, USA.

**30.07. Increased Malignancy Rates in Surgical Patients with Incidentally-Discovered Thyroid Nodules.** A. R. Marcadis<sup>1</sup>, M. Rodriguez<sup>1</sup>, S. Liu<sup>1</sup>, B. Wang<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Miller School Of Medicine, Division Of Endocrine Surgery, Miami, FL, USA.

**30.08. Stoma Creation and Reversal after Cytoreductive Surgery with Heated Intraperitoneal Chemotherapy.** A. N. Doud<sup>1</sup>, N. Fitzgerald<sup>2</sup>, E. Levine<sup>1</sup>, P. Shen<sup>1</sup>, J. Stewart<sup>1</sup>, K. Votanopoulos<sup>1</sup> <sup>1</sup>Wake Forest University, Department Of General Surgery, Surgical Oncology Service, Winston-Salem, NC, USA <sup>2</sup>Wake Forest University, Division Of Public Health Sciences, Department Of Biostatistical Sciences, Winston-Salem, NC, USA.

**30.09. The Utility of Afirma Gene Expression Classifier in the Management of Indeterminate Thyroid Nodules.** L. Zhou<sup>1</sup>, K. Patel<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Endocrine Surgery, New York, NY, USA.

**30.10. Signet Ring Carcinoma of the Pancreas: A Case Series of 621 Patients.** K. Mahendraraj<sup>1,2</sup>, J. Chabot<sup>2</sup>, M. Kluger<sup>2</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA <sup>2</sup>Columbia University College Of Physicians And Surgeons, Department Of Surgery, New York, NY, USA.

7:30AM - 9:30AM

### Integrated Oral Presentation Session I

**CLINICAL/OUTCOMES: CLINICAL RESEARCH - TRAUMA/CRITICAL CARE 1**

CHOPIN 1

**MODERATORS: Krishnan Raghavendran, MD, FACS & Ali Salim, MD**

**31.01. Splenectomy is Associated with Hypercoagulable TEG Values and Increased Risk of Thromboembolism.** M. J. Pommerening<sup>1</sup>, E. Rahbar<sup>1</sup>, K. M. Minei<sup>1</sup>, J. B. Holcomb<sup>1</sup>, M. A. Schreiber<sup>2</sup>, M. J. Cohen<sup>3</sup>, S. Underwood<sup>2</sup>, M. Nelson<sup>3</sup>, B. A. Cotton<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA <sup>2</sup>Oregon Health And Science University, Portland, OR, USA <sup>3</sup>University Of California - San Francisco, San Francisco, CA, USA.

**31.02. Prevalence and Impact of Admission Hyperfibrinolysis in Severely Injured Pediatric Trauma Patients.** I. N. Liras<sup>1</sup>, B. A. Cotton<sup>1</sup>, J. C. Cardenas<sup>1</sup>, M. T. Harting<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA.

**31.03. Predicting Progressive Hemorrhagic Injury from Isolated Traumatic Brain Injury and Coagulation.** L. E. Folkerson<sup>1</sup>, D. Sloan<sup>1</sup>, B. A. Cotton<sup>1</sup>, J. B. Holcomb<sup>1</sup>, J. S. Tomasek<sup>1</sup>, C. E. Wade<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA.

**31.04. Does Procedure Urgency Affect Outcomes in Colorectal Surgery?** B. T. Cain<sup>1</sup>, A. P. O'Rourke<sup>1</sup>, H. Jung<sup>1</sup>, A. E. Liepert<sup>1</sup>, S. K. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA.

**31.05. Utilizing Group-Based Trajectory Modeling to Understand Patterns of Hemorrhage and Resuscitation.** S. A. Savage<sup>1</sup>, J. J. Sumislowski<sup>1</sup>, W. P. Dutton<sup>1</sup>, B. L. Zarzaur<sup>2</sup> <sup>1</sup>University Of Tennessee Health Science Center Memphis, Memphis, TN, USA <sup>2</sup>Indiana University-Purdue University Indianapolis, Indianapolis, IN, USA.

**31.06. High ratio FFP and platelet transfusion in nontrauma massive transfusion: too much of a good thing?** E. W. Etchill<sup>1</sup>, L. M. McDaniel<sup>1</sup>, S. P. Myers<sup>1</sup>, J. S. Raval<sup>2</sup>, A. B. Peitzman<sup>1</sup>, J. L. Sperry<sup>1</sup>, M. D. Neal<sup>1</sup> <sup>1</sup>University Of Pittsburgh School Of Medicine, Department Of Surgery, Pittsburgh, PENNSYLVANIA, USA <sup>2</sup>University Of North Carolina School Of Medicine, Division Of Transfusion Medicine, Chapel Hill, NORTH CAROLINA, USA.

**31.07. Hospital Survival of Aortic Dissection in Children.** J. Tashiro<sup>1</sup>, C. J. Allen<sup>1</sup>, J. Rey<sup>2</sup>, E. A. Perez<sup>1</sup>, C. M. Thorson<sup>1</sup>, B. Wang<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt-Daughtry Family Department Of Surgery, Miami, FL, USA <sup>2</sup>University Of Miami, Division Of Vascular And Endovascular Surgery, DeWitt-Daughtry Family Department Of Surgery, Miami, FL, USA.

**31.08. Old Blood and Complications in the Massively Transfused Trauma Patient: A Cautionary Tale.** A. Lubitz<sup>1</sup>, K. Hollenbach<sup>2</sup>, E. Chan<sup>1</sup>, E. Dauer<sup>1</sup>, L. Sjolholm<sup>1</sup>, A. Pathak<sup>1</sup>, T. Santora<sup>1</sup>, A. Goldberg<sup>1</sup>, J. Rappold<sup>1</sup> <sup>1</sup>Temple University School Of Medicine, Department Of Surgery, Philadelphia, PA, USA <sup>2</sup>University Of California - San Diego, Skaggs School Of Pharmacy And Pharmaceutical Sciences, San Diego, CA, USA.

**31.09. Mopeds: Not the Lesser Evil.** M. Stawikowski<sup>1</sup>, B. L. Brewer<sup>1</sup>, B. L. Zarzaur<sup>1</sup>, J. Coleman<sup>1</sup>, D. V. Feliciano<sup>1</sup>, G. S. Rozycki<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

**CLINICAL/OUTCOMES: CLINICAL RESEARCH - ONCOLOGY AND PEDIATRICS**

CHOPIN 2

**MODERATORS: Daniel J. Ostlie, MD & Wolfgang Stehr, MD**

**32.02. Clinicopathologic Features and Time Interval Analysis of Contralateral Breast Cancers.** E. L. Liederbach<sup>1</sup>, R. Piro<sup>1</sup>, R. Watkin<sup>1</sup>, K. Hughes<sup>1</sup>, C. Wang<sup>2</sup>, C. Pesce<sup>1</sup>, D. J. Winchester<sup>1</sup>, K. Yao<sup>1</sup> <sup>1</sup>Northshore University Health System, Surgery, Evanston, IL, USA<sup>2</sup>Northshore University Health System, Center For Biomedical Research Informatics, Evanston, IL, USA.

**32.03. Increasing Incidence of Duodenal Neuroendocrine Tumors: Incidental Discovery of Indolent Disease?** S. Dennis<sup>1</sup>, S. D. Kachare<sup>1</sup>, N. Vohra<sup>1</sup>, E. E. Zervos<sup>1</sup>, T. L. Fitzgerald<sup>1</sup> <sup>1</sup>East Carolina University Brody School Of Medicine, Greenville, NC, USA.

**32.04. Prognostic Relevance of Lymph Node Ratio and Total Lymph Node Count for Small Bowel Adenocarcinoma.** T. Tran<sup>1</sup>, M. Dua<sup>1</sup>, G. Poultides<sup>1</sup>, J. Norton<sup>1</sup>, B. Visser<sup>1</sup> <sup>1</sup>Stanford University School Of Medicine, Surgery, Stanford, CA, USA.

**32.05. Wider Sentinel Lymph Node Diameter Is A Predictor Of Positivity For Cutaneous Melanoma.** J. S. Merkow<sup>1</sup>, A. Paniccia<sup>1</sup>, E. Jones<sup>1</sup>, T. Jones<sup>1</sup>, M. Hodges<sup>1</sup>, J. Byers<sup>1</sup>, K. Lewis<sup>1</sup>, R. Gonzales<sup>1</sup>, W. Robinson<sup>1</sup>, N. Kounalakis<sup>1</sup>, R. Stovall<sup>1</sup>, C. Gajdos<sup>1</sup>, N. Pearlman<sup>1</sup>, M. McCarter<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Aurora, CO, USA.

**32.06. The Clinical Impact of Lung Biopsy in Children for Non-Metastasis-Related Indications.** I. J. Zamora<sup>1</sup>, S. C. Fallon<sup>1</sup>, T. J. Vece<sup>2</sup>, J. Rama<sup>2</sup>, D. L. Palazzi<sup>2</sup>, J. A. Coss Bu<sup>2</sup>, M. Hicks<sup>3</sup>, M. E. Lopez<sup>1</sup>, J. G. Nuchtern<sup>1,2</sup>, M. DeGuzman<sup>2</sup>, R. P. Guilleman<sup>4</sup>, F. Sheikh<sup>1</sup>, P. Lau<sup>1</sup>, D. L. Cass<sup>1,2</sup> <sup>1</sup>Texas Children's Hospital, Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA<sup>2</sup>Texas Children's Hospital, Baylor College Of Medicine, Department Of Pediatrics, Houston, TX, USA<sup>3</sup>Texas Children's Hospital, Baylor College Of Medicine, Department Of Pathology, Houston, TX, USA<sup>4</sup>Texas Children's Hospital, Baylor College Of Medicine, Department Of Radiology, Houston, TX, USA.

**32.07. When is it Safe to Forgo Abdominal CT Scan in Blunt Injured Children?** S. N. Acker<sup>1</sup>, C. L. Stewart<sup>1</sup>, G. E. Roosevelt<sup>3</sup>, D. A. Partrick<sup>1</sup>, D. D. Bensard<sup>1,2</sup> <sup>1</sup>Children's Hospital Colorado, Pediatric Surgery, Aurora, CO, USA<sup>2</sup>Denver Health Medical Center, Department Of Surgery, Aurora, CO, USA<sup>3</sup>Denver Health Medical Center, Pediatric Emergency Medicine, Aurora, CO, USA.

**32.08. Suction Rectal Biopsy is Diagnostically Equivalent to Full Thickness Rectal Biopsy in Children.** E. D. Muise<sup>1</sup>, S. Hardee<sup>2</sup>, R. A. Morotti<sup>2</sup>, R. A. Cowles<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Pediatric Surgery, New Haven, CT, USA<sup>2</sup>Yale University School Of Medicine, Pathology, New Haven, CT, USA.

**32.09. Prenatal Counseling: Does it Alleviate Parental Mental Distress?** C. Sanner<sup>1</sup>, E. Lima<sup>1</sup>, K. H. Parker<sup>1</sup>, A. Lavery<sup>2</sup>, E. Perrone<sup>3</sup>, C. L. Neece<sup>1</sup>, E. P. Tagge<sup>3</sup> <sup>1</sup>Loma Linda University, Behavioral Medicine, Loma Linda, CA, USA<sup>2</sup>Loma Linda University Children's Hospital, Pediatrics, Loma Linda, CA, USA<sup>3</sup>Loma Linda University Children's Hospital, Pediatric Surgery/ Surgery, Loma Linda, CA, USA.

**32.10. Early Closure of Gastroschisis Correlates with Earlier Initiation of and Progression to Full Feeds.** J. C. Harris<sup>1</sup>, J. Poirier<sup>1</sup>, D. Selip<sup>2</sup>, S. Pillai<sup>1</sup>, A. N. Shah<sup>1</sup>, C. Jackson<sup>3</sup>, B. Chiu<sup>1</sup> <sup>1</sup>Rush University Medical Center, General Surgery, Chicago, IL, USA<sup>2</sup>Rush University Medical Center Fetal And Neonatal Medicine Center, Pediatrics, Chicago, IL, USA<sup>3</sup>Tufts Medical Center, Pediatric Surgery, Boston, MA, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

**CLINICAL/OUTCOMES: CLINICAL TRIALS / CLINICAL RESEARCH**

CHOPIN 3

**MODERATORS: Dan Eisenberg, MD, MS & Niraj J. Gusani, MD, MS**

**\*33.01. A POPULATION-BASED RANDOMIZED CONTROLLED TRIAL OF BREAST CANCER SCREENING WITH ALTERNATE MAMMOGRAPHY AND ULTRASOUND FOR WOMEN AGED 40 TO 49 YEARS IN TAIWAN.** C. Huang<sup>1</sup>, C. Fann<sup>1</sup>, G. Hsu<sup>1</sup>, M. Ho<sup>1</sup>, S. Chen<sup>1</sup>, S. Chen<sup>1</sup>, C. Chen<sup>1</sup>, S. Sheen-Chen<sup>1</sup>, H. Chang<sup>1</sup>, D. Yeh<sup>1</sup>, D. Chen<sup>1</sup>, K. Chang<sup>1</sup>, S. Kon<sup>1</sup>, A. Ming-Fang<sup>1</sup>, Y. L. Chen<sup>1</sup>, S. Chiu<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>Breast Cancer Screening Group of Taiwan Breast Cancer Consortium.

**\* TAIWAN SURGICAL ASSOCIATION VISITING PROFESSOR**

**33.02. Related Risk of Postoperative Myocardial Infarction and Blood Transfusion.** R. H. Hollis<sup>1,2</sup>, J. T. McMurtrie<sup>1,2</sup>, L. A. Graham<sup>1,2</sup>, J. S. Richman<sup>1,2</sup>, T. M. Maddox<sup>4</sup>, K. M. Itani<sup>3</sup>, M. T. Hawn<sup>1,2</sup> <sup>1</sup>Birmingham Veterans Administration Hospital, Center For Surgical, Medical Acute Care Research And Transitions (C-SMART), Birmingham, AL, USA<sup>2</sup>University Of Alabama At Birmingham, Section Of Gastrointestinal Surgery, Department Of Surgery, Birmingham, AL, USA<sup>3</sup>Boston University And Harvard Medical School, Department Of Surgery, VA Boston Health Care System, Boston, MA, USA<sup>4</sup>University Of Colorado School Of Medicine, VA Eastern Colorado Health Care System, Denver, CO, USA.

**33.03. Randomised Controlled Trial of Perioperative Simvastatin Therapy in Major Colorectal Surgery.** P. Singh<sup>1</sup>, D. Lemanu<sup>1</sup>, M. Soop<sup>1</sup>, I. Bissett<sup>1</sup>, J. Harrison<sup>2</sup>, A. Hill<sup>1</sup> <sup>1</sup>University Of Auckland, Surgery, Auckland, New Zealand<sup>2</sup>University Of Auckland, Pharmacy, Auckland, New Zealand.

**33.04. Does IV Ibuprofen Decrease Postoperative Narcotic Use in Patients Undergoing Elective Hernia Repair?** L. S. Sparber<sup>1</sup>, T. Viallet<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>St. George's School Of Medicine, St. George's, Grenada<sup>3</sup>New Jersey Medical School, Rutgers University - Department Of Surgery, Newark, NJ, USA.

**33.05. IORT with CT-Guided HDR Brachytherapy for the Treatment of Early-Stage Breast Cancer.** S. L. Showalter<sup>1</sup>, D. R. Brenin<sup>1</sup>, A. Schroen<sup>1</sup>,

M. Morris<sup>2</sup>, B. Libby<sup>2</sup>, G. Petroni<sup>3</sup>, T. N. Showalter<sup>2</sup> <sup>1</sup>University Of Virginia, Surgical Oncology/Surgery, Charlottesville, VA, USA<sup>2</sup>University Of Virginia, Radiation Oncology, Charlottesville, VA, USA<sup>3</sup>University Of Virginia, Public Health Sciences, Charlottesville, VA, USA.

**33.06. Risk Factors and Post Operative Outcomes of Blood Transfusion after Adrenalectomy- A NSQIP Analysis.** R. Venkat<sup>1</sup>, M. A. Guerrero<sup>1</sup> <sup>1</sup>University Of Arizona, Division Of Surgical Oncology, Department Of Surgery, Tucson, AZ, USA.

**33.07. VASQIP Risk Assessment, Surgical Apgar Score and Intra-Operative Performance During Major Surgery.** M. Melis<sup>1,2</sup>, A. Masi<sup>1,2</sup>, I. Hatzaras<sup>1,2</sup>, G. Ballantyne<sup>1,2</sup>, A. Pinna<sup>1,2</sup>, A. Rosman<sup>1</sup>, D. Neihaus<sup>1</sup>, S. Cohen<sup>1,2</sup>, J. K. Saunders<sup>1,2</sup>, E. Newman<sup>1,2</sup>, R. S. Berman<sup>1,2</sup>, H. Pachter<sup>1,2</sup> <sup>1</sup>New York Harbor Healthcare System VAMC, New York, NY, USA<sup>2</sup>New York University School Of Medicine, New York, NY, USA.

**33.08. Young-Onset Colorectal Cancer In Australia: A Population-Based Study.** P. Sirimanna<sup>1</sup>, Y. Y. Lee<sup>1</sup>, M. K. Suen<sup>1</sup>, N. Nassar<sup>1,2</sup>, M. A. Gladman<sup>1</sup> <sup>1</sup>Sydney Medical School - Concord, University Of Sydney, Academic Colorectal Unit, Sydney, NSW, Australia<sup>2</sup>The Kolling Institute, University Of Sydney, Clinical And Population Perinatal Health Research, Sydney, NSW, Australia.

**33.09. Normohormonal Primary Hyperparathyroidism: Clinical Presentation and Surgical Outcomes.** J. C. Morrison<sup>1</sup>, H. Wachtel<sup>1</sup>, S. Zaheer<sup>1</sup>, L. E. Kuo<sup>1</sup>, I. Cerullo<sup>1</sup>, G. C. Karakousis<sup>1</sup>, R. R. Kelz<sup>1</sup>, D. L. Fraker<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Endocrine And Oncologic Surgery, Philadelphia, PA, USA.

**33.10. Risk Stratification of Sentinel Lymph Node Positivity in Intermediate Thickness Melanoma.** M. G. Peters<sup>1</sup>, E. K. Bartlett<sup>1</sup>, R. E. Roses<sup>1</sup>, B. J. Czerniecki<sup>1</sup>, D. L. Fraker<sup>1</sup>, R. R. Kelz<sup>1</sup>, G. C. Karakousis<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, General Surgery, Philadelphia, PA, USA.

7:30AM - 9:30AM

### Integrated Oral Presentation Session I

CLINICAL/OUTCOMES: CER/PCOR - ONCOLOGY

CHOPIN 4

**MODERATORS: Chandrakanth Are, MBBS, FRCS & Jeffrey M. Farma, MD**

**34.01. Urinary Tract Infection After Surgery for Colorectal Malignancy: Risk Factors and Complications.** A. C. Sheka<sup>1</sup>, S. Tevis<sup>1</sup>, G. Kennedy<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA.

**34.02. Indication and Risk for Pancreaticoduodenectomy in Patients Over 80: An ACS NSQIP Study.** J. R. Bergquist<sup>1,2</sup>, C. R. Shubert<sup>1,2</sup>, D. S. Uhl<sup>2</sup>, C. A. Thiels<sup>1,2</sup>, M. L. Kendrick<sup>1</sup>, M. J. Truty<sup>1</sup>, E. B. Habermann<sup>2</sup> <sup>1</sup>Mayo Clinic, General Surgery, Rochester, MN, USA<sup>2</sup>Mayo Clinic, Center For The Science Of Health Care Delivery, Rochester, MN, USA.

**34.03. Observation of Minimally Invasive Surgery for Gastric Submucosal Tumor.** Y. Shoji<sup>1</sup>, H. Takeuchi<sup>1</sup>, H. Kawakubo<sup>1</sup>, O. Goto<sup>2</sup>, R. Nakamura<sup>2</sup>, T. Takahashi<sup>2</sup>, N. Wada<sup>1</sup>, Y. Saikawa<sup>1</sup>, T. Omori<sup>1</sup>, N. Yahagi<sup>2</sup>, Y. Kitagawa<sup>1</sup> <sup>1</sup>Keio University School Of Medicine, Department Of Surgery, Tokyo, TOKYO, Japan<sup>2</sup>Keio University School Of Medicine, Tumor Center, Tokyo, TOKYO, Japan.

**34.04. Long-term Health-Related Quality of Life After Cancer Surgery: A Prospective Study.** M. C. Mason<sup>1,2</sup>, G. M. Barden<sup>1,2</sup>, N. Massarweh<sup>1,2,3</sup>, S. Sansgiry<sup>1</sup>, A. Walder<sup>1</sup>, D. L. White<sup>1</sup>, D. L. Castillo<sup>1</sup>, A. Naik<sup>1</sup>, D. H. Berger<sup>1,2,3</sup>, D. A. Anaya<sup>1,2,3</sup> <sup>1</sup>Michael E. DeBakey Veterans Affairs Medical Center, Houston VA Center For Innovations In Quality, Effectiveness, And Safety (IQUEST), Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA<sup>3</sup>Michael E. DeBakey Veterans Affairs Medical Center, Operative Care Line, Houston, TX, USA.

**34.05. Efficacy of Post-Mastectomy Radiation Therapy in the Setting of T3 Node-Negative Breast Cancer.** L. Elmore<sup>1</sup>, A. D. Deshpande<sup>1</sup>, J. A. Margenthaler<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA.

**34.06. The Effect of Surgical Approach on Oncologic Outcomes in Rectal Cancer Surgery.** E. F. Midura<sup>2</sup>, D. J. Hanseman<sup>2</sup>, R. S. Hoehn<sup>2</sup>, B. R. Davis<sup>2</sup>, D. E. Abbott<sup>2</sup>, S. A. Shah<sup>2</sup>, I. M. Paquette<sup>2</sup> <sup>2</sup>University Of Cincinnati, General Surgery, Cincinnati, OH, USA.

**34.07. Multimodality Therapy Improves Survival in Resected Early Stage (IB-II) Gastric Cancer.** J. Datta<sup>1</sup>, M. T. McMillan<sup>1</sup>, L. Ruffolo<sup>1</sup>, R. Mamtani<sup>2</sup>, J. A. Drebin<sup>1</sup>, D. L. Fraker<sup>1</sup>, G. C. Karakousis<sup>1</sup>, R. Roses<sup>1</sup> <sup>2</sup>University Of Pennsylvania, Medicine (Oncology), Philadelphia, PA, USA<sup>1</sup>University Of Pennsylvania, Surgery, Philadelphia, PA, USA.

**34.08. Routine Somatostatin Analogue Use Decreases Pancreatic Fistulas After Whipple: A Meta-Analysis.** K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>Saint George's University, Department Of Surgery, Grenada, Grenada.

**34.09. The Role of Intraoperative Pathologic Assessment in the Surgical Management of DCIS.** M. R. Decker<sup>1</sup>, H. B. Neuman<sup>1</sup>, A. Trentham-Dietz<sup>3</sup>, N. K. LoConte<sup>4</sup>, M. A. Smith<sup>3</sup>, R. S. Punglia<sup>2</sup>, C. C. Greeberg<sup>1</sup>, L. G. Wilke<sup>1</sup> <sup>1</sup>University Of Wisconsin Hospital & Clinics, Department Of Surgery, Madison, WI, USA<sup>2</sup>Dana Farber Cancer Institute, Radiation Oncology, Boston, MA, USA<sup>3</sup>University Of Wisconsin School Of Medicine & Public Health, Population Health Sciences, Madison, WI, USA<sup>4</sup>University Of Wisconsin Hospital & Clinics, Carbone Cancer Center, Madison, WI, USA.

**34.10. Small Cell Gastric Carcinoma is a Lethal Diagnosis: A Clinical Outcomes Study from the SEER Database.** B. L. Siracuse<sup>1,4</sup>, K. Mahendraraj<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada<sup>4</sup>Duke University, Durham, NC, USA.

7:30AM - 9:30AM

### Integrated Oral Presentation Session I

CLINICAL/OUTCOMES: CER/PCOR - TRAUMA/CRITICAL CARE 1

DEBUSSY 1

**MODERATORS: Rebecca Britt, MD & Joaquim Havens, MD**

**35.01. Is Incisional Negative Pressure Wound Therapy Associated with Decreased Surgical Site Infections?** K. Chopra<sup>1</sup>, N. N. Semsarzadeh<sup>1</sup>, K. K. Tadisina<sup>1</sup>, J. Maddox<sup>1</sup>, D. P. Singh<sup>1</sup> <sup>1</sup>University Of Maryland School Of Medicine, Division Of Plastic Surgery, Baltimore, Maryland, USA.

**35.02. Fateful or Fruitful? ICP Monitoring in Elderly Patients with TBI is Associated with Worse Outcomes.** Q. N. Dang<sup>2</sup>, J. Simon<sup>2</sup>, J. Catino<sup>1,3</sup>, I. Puente<sup>1,3</sup>, F. Habib<sup>1,3</sup>, L. Zucker<sup>1</sup>, M. Bukur<sup>1,3</sup> <sup>1</sup>Delray Regional Medical Center, Trauma And Surgical Critical Care, Delray Beach, FL, USA<sup>2</sup>Larkin Community Hospital, Surgery, South Miami, FL, USA<sup>3</sup>Broward General Hospital, Trauma And Surgical Critical Care, Fort Lauderdale, FL, USA.

**35.03. Increased Age Predicts Failure to Rescue.** G. Barm-paras<sup>1</sup>, J. Murry<sup>1</sup>, M. Martin<sup>2</sup>, D. A. Wiegmann<sup>3</sup>, K. R. Catchpole<sup>1</sup>, B. L. Gewertz<sup>1</sup>, E. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Division Of Acute Care Surgery And Surgical Critical Care / Department Of Surgery, Los Angeles, CA, USA<sup>2</sup>Madigan Army Medical Center, Department Of Surgery, Tacoma, WA, USA<sup>3</sup>University Of Wisconsin, Madison College Of Engineering, Madison, WI, USA.

**35.04. The Impact of Preexisting Opioid Use on Injury Mechanism, Type, and Outcome.** W. Wilson<sup>1</sup>, S. O'Mara<sup>1,2</sup>, J. Opalek<sup>2</sup>, U. Pandya<sup>1,2</sup> <sup>1</sup>Ohio University, Heritage College Of Osteopathic Medicine, Athens, OH, USA<sup>2</sup>Grant Medical Center, Trauma Services, Columbus, OH, USA.

**35.05. A Restrictive Transfusion Strategy is Safe in Patients with Isolated Traumatic Brain Injury.** A. Nguyen<sup>2</sup>, D. Plurad<sup>1</sup>, A. Kaji<sup>3</sup>, S. Bricker<sup>1</sup>, A. Neville<sup>1</sup>, F. Bongard<sup>1</sup>, B. Putnam<sup>1</sup>, D. Kim<sup>1</sup> <sup>1</sup>Harbor-

UCLA Medical Center, Division Of Trauma/Acute Care Surgery/ Surgical Critical Care, Torrance, CA, USA<sup>2</sup>Harbor-UCLA Medical Center, Department Of Surgery, Torrance, CA, USA<sup>3</sup>Harbor-UCLA Medical Center, Department Of Emergency Medicine, Torrance, CA, USA.

**35.06. Outcomes of Supracondylar/Intercondylar Humerus Fractures in Adults.** W. K. Roache<sup>1</sup>, A. Harris<sup>2</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA<sup>2</sup>University Of Florida, Jacksonville, Gainesville, FL, USA.

**35.07. Heart Rate in Pediatric Trauma: Rethink Your Strategy.** J. Murry<sup>1</sup>, D. Hoang<sup>1</sup>, G. Barmparas<sup>1</sup>, A. Zaw<sup>1</sup>, M. Nuno<sup>1</sup>, K. Catchpole<sup>1</sup>, B. Gewertz<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA.

**35.08. The Impact of the American College of Surgeons Pediatric Trauma Center Verification on In-Hospital Mortality.** B. C. Gulack<sup>1</sup>, J. E. Keenan<sup>1</sup>, D. P. Nussbaum<sup>1</sup>, B. R. Englum<sup>1</sup>, O. O. Adibe<sup>1</sup>, M. L. Shapiro<sup>1</sup>, J. E. Scarborough<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA.

**35.09. Outcomes for Burns in Children: Volume Makes a Difference.** T. L. Palmieri<sup>1,2</sup>, S. Sen<sup>1,2</sup>, D. G. Greenhalgh<sup>1,2</sup> <sup>1</sup>University Of California - Davis, Sacramento, CA, USA<sup>2</sup>Shriners Hospitals For Children Northern California, Sacramento, CA, USA.

**35.10. Mechanism and Mortality of Pediatric Aortic Injuries.** J. Tashiro<sup>1</sup>, C. J. Allen<sup>1</sup>, J. Rey<sup>2</sup>, E. A. Perez<sup>1</sup>, C. M. Thorson<sup>1</sup>, B. Wang<sup>1</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt-Daughtry Department Of Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Division Of Vascular And Endovascular Surgery, DeWitt-Daughtry Department Of Surgery, Miami, FL, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

### CLINICAL/OUTCOMES: COST EFFECTIVENESS

DEBUSSY 2

### MODERATORS: Juliane Bingener-Casey, MD & Elizabeth Habermann, PhD

- 36.01. Cost-utility of prophylactic mesh relative to primary suture repair for high-risk laparotomies.** J. P. Fischer<sup>1</sup>, M. N. Basta<sup>1</sup>, N. Krishnan<sup>2</sup>, J. D. Wink<sup>1</sup>, S. J. Kovach<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Division Of Plastic Surgery, Philadelphia, PA, USA<sup>2</sup>Georgetown University Medical Center, Plastic Surgery, Washington, DC, USA.
- 36.02. Cost-Effectiveness of Non-operative Management of Acute Uncomplicated Appendicitis.** J. X. Wu<sup>1</sup>, A. J. Dawes<sup>1</sup>, G. D. Sacks<sup>1</sup> <sup>1</sup>UCLA David Geffen School Of Medicine, Department Of General Surgery, Los Angeles, CALIFORNIA, USA.
- 36.03. A Cost-utility Assessment of Mesh Selection in Clean and Clean-Contaminated Ventral Hernia Repair (VHR).** J. P. Fischer<sup>1</sup>, M. Basta<sup>1</sup>, J. D. Wink<sup>1</sup>, N. Krishnan<sup>2</sup>, S. J. Kovach<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Division Of Plastic Surgery, Philadelphia, PA, USA<sup>2</sup>Georgetown University Medical Center, Plastic Surgery, Washington, DC, USA.
- 36.04. National Analysis of Cost and Resource Utilization of Expanded Criteria Donor Kidneys.** C. C. Stahl<sup>1</sup>, K. Wima<sup>1</sup>, D. J. Hanseman<sup>1</sup>, R. S. Hoehn<sup>1</sup>, E. F. Midura<sup>1</sup>, I. M. Paquette<sup>1</sup>, S. A. Shah<sup>1</sup>, D. E. Abbott<sup>1</sup> <sup>1</sup>University Of Cincinnati, Cincinnati, OH, USA.
- 36.05. Abandoning Daily Routine Chest X-rays in a Surgical Intensive Care Unit: A Strategy to Reduce Costs.** S. A. Hennessy<sup>1</sup>, T. Hranjec<sup>2</sup>, K. A. Boateng<sup>1</sup>, M. L. Bowles<sup>1</sup>, S. L. Child<sup>1</sup>, M. P. Robertson<sup>1</sup>, R. G. Sawyer<sup>1</sup> <sup>1</sup>University Of Virginia, Department Of Surgery, Charlottesville, VA, USA<sup>2</sup>University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA.
- 36.06. Factors Associated with Secondary Overtriage in a Statewide Rural Trauma System.** J. Con<sup>1</sup>, D. M. Long<sup>1</sup>, G. Schaefer<sup>1</sup>, J. C. Knight<sup>1</sup>, K. J. Fawad<sup>1</sup>, A. Wilson<sup>1</sup> <sup>1</sup>West Virginia University, Department Of Surgery / Division Of Trauma, Emergency Surgery And Surgical Critical Care, Morgantown, WV, USA.
- 36.07. Comparing Local Flaps When Treating the Infected Vascular Groin Graft Wound: A Cost-Utility Analysis.** A. Chatterjee<sup>1</sup>, T. Kosowski<sup>2</sup>, B. Pyfer<sup>2</sup>, S. Maddali<sup>3</sup>, C. Fisher<sup>1</sup>, J. Tchou<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Surgery, Philadelphia, PA, USA<sup>2</sup>Dartmouth Medical School, Surgery, Lebanon, NH, USA<sup>3</sup>Maine Medical Center, Portland, MAINE, USA.
- 36.08. One-Year Postoperative Resource Utilization in Sarcomenic Patients.** P. S. Kirk<sup>1</sup>, J. F. Friedman<sup>1</sup>, D. C. Cron<sup>1</sup>, M. N. Terjimanian<sup>1</sup>, L. D. Canvasser<sup>1</sup>, A. M. Hammoud<sup>1</sup>, J. Clafin<sup>1</sup>, M. B. Alameddine<sup>1</sup>, E. D. Davis<sup>1</sup>, N. Werner<sup>1</sup>, S. C. Wang<sup>1</sup>, D. A. Campbell<sup>1</sup>, M. J. Englesbe<sup>1</sup> <sup>1</sup>University Of Michigan Health System, Department Of Surgery, Ann Arbor, MI, USA.
- 36.09. The Cost of Secondary Trauma Overtriage in a Level I Trauma Center.** D. A. Mateo De Acosta<sup>1</sup>, R. Asfour<sup>1</sup>, M. Gutierrez<sup>1</sup>, S. Carrie<sup>2</sup>, J. Marshall<sup>2</sup> <sup>1</sup>University Of Illinois College Of Medicine At Peoria (UICOMP), Department Of Surgery, Peoria, IL, USA<sup>2</sup>University Of Illinois College Of Medicine At Peoria, Division Of Trauma / Department Of Surgery, Chicago, IL, USA.
- 36.10. The True Cost of Postoperative Complications For Colectomy.** C. K. Zogg<sup>1</sup>, E. B. Schneider<sup>1</sup>, J. Canner<sup>1</sup>, K. S. Yemul<sup>1</sup>, S. Selvarajah<sup>1</sup>, N. Nagarajan<sup>1</sup>, F. Gani<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA.

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

### Integrated Oral Presentation Session I

#### CLINICAL/OUTCOMES: ETHICS/GLOBAL SURGERY

ENCORE 1

#### MODERATORS: Benedict C. Nwomeh, MD & Mamta Swaroop, MD

**\* 37.01. PROMOTING RESIDENTS' CLINICAL REFLECTIONS ON MEDICAL CARE THAT SEEMS FUTILE BY INTRODUCING A SUBJECTIVE BUT MEASURABLE PERSPECTIVE TO IMPROVE ETHICALLY DIFFICULT DECISIONS ABOUT GASTROSTOMY TUBE PLACEMENT.** L. Torregrosa<sup>1</sup>, E. Rueda<sup>2</sup>  
<sup>1</sup>Xaverian University - San Ignacio Hospital, Bogotá, Colombia<sup>2</sup>Institute of Bioethics, Xaverian University, Bogotá.

#### \* COLOMBIAN SURGICAL ASSOCIATION VISITING PROFESSOR

**37.02. Do Patients Buy-In to the Use of Postoperative Life Supporting Treatments? A Qualitative Study.** M. J. Nabozny<sup>1</sup>, J. M. Kruser<sup>2</sup>, K. E. Pecanac<sup>7</sup>, E. H. Chittenden<sup>5</sup>, Z. Cooper<sup>6</sup>, N. M. Steffens<sup>1</sup>, M. F. McKneally<sup>8,9</sup>, K. J. Brasel<sup>10</sup>, M. L. Schwarze<sup>1,4</sup>  
<sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA<sup>2</sup>Northwestern University, Department Of Medicine, Chicago, IL, USA<sup>4</sup>University Of Wisconsin, Department Of Medical History And Bioethics, Madison, WI, USA<sup>5</sup>Massachusetts General Hospital, Division Of Palliative Care, Boston, MA, USA<sup>6</sup>Brigham And Women's Hospital, Division Of Trauma, Burns, And Surgical Critical Care, Boston, MA, USA<sup>7</sup>University Of Wisconsin, School Of Nursing, Madison, WI, USA<sup>8</sup>University Of Toronto, Department Of Surgery, Toronto, Ontario, Canada<sup>9</sup>University Of Toronto, Joint Center For Bioethics, Toronto, Ontario, Canada<sup>10</sup>Medical College Of Wisconsin, Department Of Surgery, Milwaukee, WI, USA.

**37.03. Evaluating Coercion, Pressure, and Motivation in Potential Live Kidney Donors.** A. A. Shaffer<sup>1</sup>, E. A. King<sup>1</sup>, J. P. Kahn<sup>2</sup>, L. H. Erby<sup>3</sup>, D. L. Segev<sup>1</sup>  
<sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Johns Hopkins School Of Public Health, Berman Institute Of Bioethics, Baltimore, MD, USA<sup>3</sup>Johns Hopkins School Of Public Health, Department Of Health And Behavior Sciences, Baltimore, MD, USA.

**37.04. Influence of Do-Not Resuscitate Status on Vascular Surgery Outcomes.** H. Aziz<sup>1</sup>, B. C. Branco<sup>1</sup>, J. Braun<sup>1</sup>, M. Trinidad-Hernandez<sup>1</sup>, J. Hughes<sup>1</sup>, J. L. Mills<sup>1</sup>, J. L. Mills<sup>1</sup>  
<sup>1</sup>University Of Arizona, Tucson, AZ, USA.

**37.05. Assessing Surgeon Behavior Change after Anastomotic Leak in Colon Surgery.** V. V. Simianu<sup>1</sup>, A. Basu<sup>2</sup>, R. Alfonso-Cristancho<sup>3</sup>, A. D. Flaxman<sup>4</sup>, D. R. Flum<sup>1,3</sup>  
<sup>1</sup>University Of Washington, Department Of Surgery, Seattle, WA, USA<sup>2</sup>University Of Washington, Department Of Health Services, Seattle, WA, USA<sup>3</sup>University Of Washington, Surgical Outcomes Research Center (SORCE), Seattle, WA, USA<sup>4</sup>University Of Washington, Institute For Health Metrics And Evaluation, Seattle, WA, USA.

**37.06. Burns in Nepal: A Population Based Countrywide Assessment.** S. Gupta<sup>1,2</sup>, U. Mahmood<sup>3</sup>, S. Gurung<sup>3</sup>, S. Shrestha<sup>7</sup>, A. G. Charles<sup>6</sup>, A. L. Kushner<sup>2,4</sup>, B. C. Nwomeh<sup>2,5</sup>  
<sup>1</sup>University Of California, San Francisco - East Bay, Surgery, Oakland, CA, USA<sup>2</sup>Surgeons Overseas, New York, NY, USA<sup>3</sup>University Of South Florida, Department Of Plastic Surgery, Tampa, FL, USA<sup>4</sup>Johns Hopkins Bloomberg School Of Public Health, International Health, Baltimore, MD, USA<sup>5</sup>Nationwide Children's Hospital, Ohio State University, Pediatric Surgery, Columbus, OH, USA<sup>6</sup>University Of North Carolina, Chapel Hill, Surgery, Trauma And Critical Care, Chapel Hill, NC, USA<sup>7</sup>Nepal Medical College, Surgery, Kathmandu, Nepal<sup>8</sup>Kathmandu Medical College, Kathmandu, Nepal.

**37.07. The Natural Progression of Biliary Atresia in Vietnam.** M. B. Liu<sup>1</sup>, X. Hoang<sup>3</sup>, T. B. Huong<sup>3</sup>, H. Nguyen<sup>3</sup>, H. T. Le<sup>4</sup>, A. Holterman<sup>2</sup>  
<sup>1</sup>Stanford University School Of Medicine, Stanford, CA, USA<sup>2</sup>University Of Illinois College Of Medicine At Peoria, Department Of Surgery/Pediatric Surgery, Peoria, IL, USA<sup>3</sup>National Hospital Of Pediatrics, Hepatology Department, Hanoi, HANOI, Viet Nam<sup>4</sup>National Hospital Of Pediatrics, Hanoi, HANOI, Viet Nam.

**37.08. Emergency General Surgery in a Low-Middle Income Healthcare Setting - Determinants of Outcomes.** A. A. Shah<sup>1,6</sup>, H. Zafar<sup>6</sup>, R. Riviello<sup>3</sup>, C. K. Zogg<sup>1</sup>, M. S. Halim<sup>7</sup>, S. Zafar<sup>5</sup>, A. Latif<sup>8</sup>, Z. Rehman<sup>6</sup>, A. H. Haider<sup>1</sup>  
<sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA<sup>3</sup>Harvard School Of Medicine, Center For Surgery And Public Health, Brigham And Women's Hospital, Brookline, MA, USA<sup>5</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA<sup>6</sup>Aga Khan University Medical College, Department Of Surgery, Karachi, Sindh, Pakistan<sup>7</sup>Aga Khan University Medical College, Section Of Critical Care, Department Of Medicine, Karachi, Sindh, Pakistan<sup>8</sup>Johns Hopkins University School Of Medicine, Department Of Anesthesia, Baltimore, MD, USA.

**37.09. A propensity score based analysis of the impact of Decompressive Craniectomy on TBI in India.** D. Agarwal<sup>1</sup>, V. K. Rajajee<sup>2</sup>, D. Schoubel<sup>2</sup>, M. C. Misra<sup>1</sup>, K. Raghavendran<sup>2</sup>  
<sup>1</sup>All India Institute Of Medical Sciences, Apex Trauma Institute, New Delhi, India<sup>2</sup>University Of Michigan, Ann Arbor, MI, USA.

**37.10. Indirect Costs Incurred by Patients Obtaining Free Breast Cancer Care in Haiti.** K. M. O'Neill<sup>1</sup>, M. Mandigo<sup>5</sup>, R. Damuse<sup>6,7</sup>, Y. Nazaire<sup>6,7</sup>, J. Pyda<sup>4</sup>, R. Gillies<sup>7</sup>, J. G. Meara<sup>2,3,7</sup>  
<sup>1</sup>University Of Pennsylvania, Perelman School Of Medicine, Philadelphia, PA, USA<sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA<sup>3</sup>Children's Hospital Boston, Plastic Surgery, Boston, MA, USA<sup>4</sup>Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA<sup>5</sup>University Of Miami, School Of Medicine, Miami, FL, USA<sup>6</sup>Hopital Universitaire Mirebalais, Mirebalais, CENTRE, Haiti<sup>7</sup>Partners In Health, Boston, MA, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

**CLINICAL/OUTCOMES: HEALTH POLICY/HEALTHCARE DELIVERY - ONCOLOGY**

ENCORE 3

**MODERATORS: Peyman Benharash, MD & Bhuvanesh Singh, MD, PhD**

**\* 38.01. JOINTS UNDER STUDY TRIAL (JUST).** R. Martin<sup>1</sup>, A.

Chan<sup>1</sup> <sup>1</sup>Mount Hospital Breast Cancer Research Centre.

**\* ROYAL AUSTRALASIAN COLLEGE OF SURGEONS VISITING PROFESSOR**

**38.02. Staging Studies are of Limited Utility for Newly Diagnosed Clinical Stage I-II Breast Cancer.** A. Linkugel<sup>1</sup>, J. Margenthaler<sup>1</sup>, A. Cyr<sup>1</sup> <sup>1</sup>Washington University, General Surgery/College Of Medicine, St. Louis, MO, USA.

**38.03. Cancer-Directed Surgery and Conditional Survival in Advanced Stage Colorectal Cancer.** L. M. Wancata<sup>1</sup>, M. Banerjee<sup>2</sup>, D. G. Muenz<sup>4</sup>, M. R. Haymart<sup>5</sup>, S. L. Wong<sup>3</sup> <sup>1</sup>University Of Michigan, Department Of General Surgery, Ann Arbor, MI, USA<sup>3</sup>University Of Michigan, Division Of Surgical Oncology, Ann Arbor, MI, USA<sup>4</sup>University Of Michigan, Department Of Biostatistics, Ann Arbor, MI, USA<sup>5</sup>University Of Michigan, Division Of Metabolism, Endocrinology, & Diabetes & Hematology/Oncology, Ann Arbor, MI, USA.

**38.04. Temporal Trends in Receipt of Immediate Breast Reconstruction.** L. L. Frasier<sup>1</sup>, S. E. Holden<sup>1</sup>, T. R. Holden<sup>2</sup>, J. R. Schumacher<sup>1</sup>, G. Levenson<sup>1</sup>, B. M. Anderson<sup>3</sup>, C. C. Greenberg<sup>1</sup>, H. B. Neuman<sup>1,4</sup> <sup>1</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Department Of Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Medicine, Madison, WI, USA<sup>3</sup>University Of Wisconsin, Department Of Human Oncology, Madison, WI, USA<sup>4</sup>University Of Wisconsin, Carbone Cancer Center, Madison, WI, USA.

**38.05. Factors impacting patient compliance with breast cancer screening guidelines in the US.** S. C. Pawar<sup>1</sup>, R. S. Chamberlain<sup>1</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA.

**38.06. Utilization of PET in Patients with Lung and Esophageal Cancers.** M. A. Healy<sup>1</sup>, H. Yin<sup>1</sup>, R. M. Reddy<sup>1</sup>, S. L. Wong<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery And Center For Health Outcomes & Policy, Ann Arbor, MI, USA.

**38.07. National Trends in the Receipt of Post-Mastectomy Radiation Therapy.** L. L. Frasier<sup>5</sup>, S. E. Holden<sup>5</sup>, T. R. Holden<sup>6</sup>, J. R. Schumacher<sup>5</sup>, G. Levenson<sup>5</sup>, B. M. Anderson<sup>5</sup>, C. C. Greenberg<sup>5</sup>, H. B. Neuman<sup>5,7</sup> <sup>8</sup>University Of Wisconsin, Department Of Human Oncology, Madison, WI, USA<sup>5</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Department Of Surgery, Madison, WI, USA<sup>6</sup>University Of Wisconsin, Department Of Medicine, Madison, WI, USA<sup>7</sup>University Of Wisconsin, Carbone Cancer Center, Madison, WI, USA.

**38.08. Adjuvant Chemotherapy in Stage III Colon Cancer Patients Remains Underutilized.** A. Z. Becerra<sup>1</sup>, C. P. Probst<sup>1</sup>, C. T. Aquina<sup>1</sup>, B. Hensley<sup>1</sup>, M. G. Gonzalez<sup>1</sup>, K. Noyes<sup>1</sup>, J. R. Monson<sup>1</sup>, F. J. Flemming<sup>1</sup> <sup>1</sup>University Of Rochester, Surgery, Rochester, NY, USA.

**38.09. Quality of Online Information to Support Shared Decision Making in Breast Cancer Surgery.** J. G. Bruce<sup>1</sup>, J. Tucholka<sup>3</sup>, H. B. Neuman<sup>1,2,3</sup> <sup>2</sup>University Of Wisconsin, Carbone Cancer Center, Madison, WI, USA<sup>3</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Department Of Surgery, School Of Medicine And Public Health, Madison, WI, USA<sup>1</sup>University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA.

**38.10. Saving Your Tail: How Do We Improve Overall Survival in Anal Cancer?** C. P. Probst<sup>1</sup>, C. T. Aquina<sup>1</sup>, A. Z. Becerra<sup>1</sup>, B. J. Hensley<sup>1</sup>, K. Noyes<sup>1</sup>, M. G. Gonzalez<sup>1</sup>, A. W. Katz<sup>2</sup>, J. R. Monson<sup>1</sup>, F. J. Fleming<sup>1</sup> <sup>1</sup>University Of Rochester Medical Center, Surgical Health Outcomes & Research Enterprise, Rochester, NY, USA<sup>2</sup>University Of Rochester Medical Center, Department Of Radiation Oncology, Rochester, NY, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

**CLINICAL/OUTCOMES: QUALITY OF CARE - GENERAL SURGERY**

HANDEL

**MODERATORS: Melinda A. Maggard-Gibbons, MD, MSHS & Matthew Weiss, MD**

**39.01. The Pitfalls of Recreational Inguinal Herniorrhaphy.** C. T. Aquina<sup>1</sup>, K. N. Kelly<sup>1</sup>, C. P. Probst<sup>1</sup>, J. C. Iannuzzi<sup>1</sup>, K. Noyes<sup>1</sup>, F. J. Fleming<sup>1</sup>, J. R. Monson<sup>1</sup> <sup>1</sup>University Of Rochester, Surgical Health Outcomes & Research Enterprise (S.H.O.R.E.), Rochester, NY, USA.

**39.02. A Screening Program to Prevent Readmission Following Colorectal Surgery.** T. R. Grenda<sup>1,2</sup>, M. R. Hemmila<sup>1,2</sup>, S. L. Wong<sup>1,2</sup>, A. Mikhail<sup>1</sup>, S. E. Regenbogen<sup>1,2</sup> <sup>1</sup>University Of Michigan, Center for Healthcare Outcomes And Policy, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA.

**39.03. Use Of Tranexamic Acid In Civilian US Trauma Centers: Results Of A National Survey.** R. S. Jawa<sup>1</sup>, A. Singer<sup>2</sup>, J. E. McCormack<sup>1</sup>, C. Huang<sup>1</sup>, J. A. Vossinkel<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Trauma, Stony Brook, NEW YORK, USA<sup>2</sup>Stony Brook University Medical Center, Emergency Medicine, Stony Brook, NY, USA.

**39.04. Surgical Volume, Post-Operative Outcomes, and Overall Patient Satisfaction.** S. E. Tevis<sup>1</sup>, G. D. Kennedy<sup>1</sup> <sup>1</sup>University Of Wisconsin, General Surgery, Madison, WI, USA.

**39.05. Satisfaction with Surgeon Care as Measured by S-CAHPS is Not Related to NSQIP Outcomes.** R. K. Schmocker<sup>1</sup>, L. Cherney-Stafford<sup>1</sup>, E. R. Winslow<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

**39.06. Influence of Body-Mass Index on Outcomes Following Major Resection for Cancer.** C. K. Zogg<sup>1</sup>, B. Mungo<sup>2</sup>, A. O. Lidor<sup>3</sup>, M. Stern<sup>3</sup>, K. S. Yemul<sup>1</sup>, A. H. Haider<sup>1</sup>, D. Molena<sup>2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Medicine, Division

Of Thoracic Surgery, Department Of Surgery, Baltimore, MD, USA<sup>3</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA.

**39.07. The Surgical Apgar Score in Major Esophageal Surgery.** C. F. Janowak<sup>2</sup>, L. Taylor<sup>2</sup>, J. Blasberg<sup>1</sup>, J. Maloney<sup>1</sup>, R. Macke<sup>1</sup> <sup>1</sup>University Of Wisconsin, Division Of Cardiothoracic Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA.

**39.08. Transfer to Higher-Level Centers Does Not Improve Survival in Older Patients with Spinal Injuries.** G. Barmparas<sup>2</sup>, Z. Cooper<sup>1</sup>, J. Havens<sup>1</sup>, R. Askari<sup>1</sup>, E. Kelly<sup>1</sup>, A. Salim<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Division Of Acute Care Surgery And Surgical Critical Care-Department Of Surgery, Boston, MA, USA<sup>2</sup>Cedars-Sinai Medical Center, Division Of Acute Care Surgery And Surgical Critical Care / Department Of Surgery, Los Angeles, CA, USA.

**39.09. Tetanus and Pertussis Vaccination in U.S. Adult Trauma Centers: Who's up to Date?** B. K. Yorkgits<sup>1,2</sup>, G. Timoney<sup>2</sup>, P. Van Den Berg<sup>2</sup>, A. Goldberg<sup>2</sup>, A. Pathak<sup>2</sup>, A. Salim<sup>1</sup>, J. Rappold<sup>2</sup> <sup>1</sup>Brigham And Women's Hospital, Trauma, Burn, Surgical Critical Care, Boston, MA, USA<sup>2</sup>Temple University, Division Of Trauma, Philadelphia, PA, USA.

**39.10. Comorbidity-Polypharmacy Score Predicts Readmission in Older Trauma Patients.** B. C. Housley<sup>1</sup>, N. J. Kelly<sup>1</sup>, F. J. Baky<sup>1</sup>, S. P. Stawicki<sup>2</sup>, D. C. Evans<sup>1</sup>, C. Jones<sup>1</sup> <sup>1</sup>The Ohio State University, College Of Medicine, Columbus, OH, USA<sup>2</sup>St. Luke's University Health Network, Department Of Research & Innovation, Bethlehem, PA, USA.

7:30AM - 9:30AM

## Integrated Oral Presentation Session I

### EDUCATION: RESIDENT EDUCATION

SCHUBERT

#### MODERATORS: Vanita Ahuja, MD & Steven Allen, MD

**40.01. Are Surgical Residency and Parenthood Compatible?** C. Kin<sup>1</sup>, M. Esquivel<sup>1</sup>, C. Mueller<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA.

**40.02. Practice Administration Training Needs of Recent General Surgery Graduates.** M. Klingensmith<sup>1</sup>, T. H. Cogbill<sup>3</sup>, K. Samonte<sup>2</sup>, A. Jones<sup>2</sup>, M. Malangoni<sup>2</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA<sup>2</sup>American Board Of Surgery Inc, Philadelphia, PA, USA<sup>3</sup>Gundersen Health System, Surgery, LaCrosse, WI, USA.

**40.03. YouTube is the Most Frequently Used Educational Video Source for Surgical Preparation.** A. K. Rapp<sup>1</sup>, M. G. Healy<sup>2</sup>, M. E. Charlton<sup>3</sup>, M. E. Rosenbaum<sup>4</sup>, M. R. Kapadia<sup>2</sup> <sup>1</sup>University Of Iowa, Carver College Of Medicine, Iowa City, IA, USA<sup>2</sup>University Of Iowa, Department Of Surgery, Iowa City, IA, USA<sup>3</sup>University Of Iowa, College Of Public Health, Iowa City, IA, USA<sup>4</sup>University Of Iowa, Department Of Family Medicine, Iowa City, IA, USA.

**40.04. The Emergence of Video Technology as an Important Adjunct to Surgical Education.** K. M. McKendy<sup>1</sup>, L. Lee<sup>1</sup>, J. R. Grushka<sup>1</sup>, A. N. Beckett<sup>1</sup>, K. A. Khwaja<sup>1</sup>, P. Fata<sup>1</sup>, T. S. Razeq<sup>1</sup>, D. L. Deckelbaum<sup>1</sup> <sup>1</sup>McGill University, General Surgery / Surgery, Montreal, QC, Canada.

**40.05. Working at home: Results from a multi-center survey of surgery & internal medicine residents.** C. Thiessen<sup>1</sup>, L. S. Lehmann<sup>3</sup>, F. G. Javier<sup>5</sup>, M. J. Erlendson<sup>5</sup>, L. A. Skrip<sup>4</sup>, M. R. Mercurio<sup>2</sup>, K. A. Davis<sup>1</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 Pediatrics, New Haven, CT, USA<sup>3</sup>Brigham And Women's Hospital, Department Of Medicine, Boston, MA, USA<sup>4</sup>Yale School Of Public Health, Department Of Epidemiology Of Microbial Diseases, New Haven, CT, USA<sup>5</sup>Yale University School Of Medicine, New Haven, CT, USA.

**40.06. The Impact of a Targeted CDI Intervention on the Documentation Patterns of Surgery Residents.** D. Jeff-coach<sup>1</sup>, T. La Charite<sup>1</sup>, P. B. Barlow<sup>1</sup>, C. Powell<sup>1</sup>, M. Phillips<sup>1</sup>, M. Goldman<sup>1</sup> <sup>1</sup>University Of Tennessee Medical Center - Knoxville, Surgery, Knoxville, TN, USA.

**40.07. Management of Vascular Trauma by Senior Surgical Residents: Perception Does Not Equal Reality.** M. W. Bowyer<sup>1</sup>, S. A. Shackelford<sup>1,2</sup>, E. Garofalo<sup>1,2</sup>, K. Pugh<sup>2</sup>, C. Mackenzie<sup>2</sup> <sup>1</sup>Uniformed Services University Of The Health Sciences, Norman M. Rich Department Of Surgery, Bethesda, MD, USA<sup>2</sup>University Of Maryland, Baltimore, MD, USA.

**40.08. Impact of Advanced Practice Providers (NPs and PAs) on Surgical Residents' Critical Care Experience.** S. A. Kahn<sup>1</sup>, S. Davis<sup>1</sup>, C. F. Banes<sup>1</sup>, B. Dennis<sup>1</sup>, A. K. May<sup>1</sup>, O. Gunter<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Trauma And Surgical Critical Care, Nashville, TN, USA.

**40.09. Using Surgical Bootcamp to Teach Core Entrustable Professional Activities for Entering Residency.** V. M. Jones<sup>1</sup>, E. X. Chen<sup>1</sup>, J. L. Raque<sup>1</sup>, E. Sutton<sup>1</sup> <sup>1</sup>University Of Louisville, Department Of Surgery, Louisville, KY, USA.

**40.10. Evaluation of a Surgery-Based Adjunct Course for Medical Students Entering Surgical Residencies.** C. A. Green<sup>1</sup>, S. M. Wyles<sup>1</sup>, E. H. Kim<sup>1</sup>, P. S. O'Sullivan<sup>1</sup>, H. Chern<sup>1</sup> <sup>1</sup>University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA.

9:30AM - 4:30PM

### Exhibit Hall Open

ENCORE 2

9:30AM - 10:00AM

### Morning Break in Exhibit Area

ENCORE 2

10:00AM - 10:30AM

### AAS FOUNDERS LECTURE: "Leadership, Personal Development and Growth - The Life of an Academic Surgeon"

ENCORE 4-8

#### Carlos Pellegrini, MD

President of the American College of Surgeons

#### INTRODUCTION BY: Timothy Pawlik, MD, MPH, PhD, AAS President



10:30AM - 11:30AM

### AAS PRESIDENTIAL ADDRESS: "Defining Success in Academic Surgery: What is Your Impact Factor?"

ENCORE 4-8

#### Timothy Pawlik, MD, MPH, PhD, AAS President

Professor of Surgery and Oncology, John L. Cameron M.D. Professor of Alimentary Tract Diseases, Chief of the Division of Surgical Oncology, Johns Hopkins Hospital

#### INTRODUCTION BY: Justin B. Dimick, MD, MPH, AAS President-Elect





11:30AM - 1:00PM **Conference Lunch** ENCORE 2 OR CHOPIN PATIO

**OR**

11:30AM - 1:00PM **AWS LUNCHEON: "How to Negotiate: Tips from Leaders in Surgery"** BEETHOVEN 2

**MODERATOR: Rebekah White, MD**

**PANELISTS: Diane Simeone, MD, Leigh Neumayer, MD, MS, & Julie Freischlag, MD**

### LEARNING OBJECTIVES

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

- Recognize negotiation strategies that are likely to be ineffective.
- Identify successful strategies used by leaders in academic surgery.
- Apply new strategies to your own career.

**OR**

11:30AM - 1:00PM **HOT TOPIC SESSION: "Exploring the ROI Outside of R01s"** BEETHOVEN 1

**MODERATORS: Niraj Gusani, MD, MS & Sandra Wong, MD**

**SPEAKERS: Amalia Cochran MD, Ben Nwomeh, MD, Tomer Davidov, MD, Tom Varghese, MD, Sam Finlayson MD, MPH & Jeff Matthews, MD**

### LEARNING OBJECTIVES

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

- Describe and understand traditional (R01-funded basic/translational/clinical research) and emerging paths in academic surgery.
- Describe the study of surgical education, including curriculum development and research on simulation.
- Understand how to move beyond mission trips (service) to an academic career focused on the study of global surgery.
- Describe how innovation and invention leads to scientific advancement and a viable career in academic surgery.
- Understand ways to define and measure the academic "impact factor" of advancing technology (e.g., as platforms for information dissemination), and to describe ways to integrate an eQective presence on social media into an academic career.
- Review ways that "alternative" academic pursuits add value to a department's academic portfolio, and to review ways to make these academic pursuits a part of a surgeon's promotion and tenure package.

1:00PM - 2:30PM **AAS PRESIDENTIAL SESSION:** ENCORE 4-8

**"Profiles in Leadership: Lessons Learned from Lives Lived"**

**SPEAKERS: Heidi Nelson, MD, Edward Cornwell, MD, & John Cameron, MD**

**INTRODUCTION BY: Timothy Pawlik, MD, MPH, PhD**

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

**BASIC/TRANSLATION: DEVELOPMENTAL BIOLOGY, REGENERATIVE MEDICINE, & TISSUE ENGINEERING**

BEETHOVEN 1

**MODERATORS: Sarah Blair, MD & David M. Gourlay, MD**

**41.01. Protein Kinase A Inhibition Protects Against Experimental Necrotizing Enterocolitis.** B. J. Blackwood<sup>1,3</sup>, D. Wood<sup>2</sup>, C. Yuan<sup>2</sup>, J. Nicolas<sup>2</sup>, C. J. Hunter<sup>1,2</sup> <sup>1</sup>Ann & Robert H. Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA <sup>2</sup>Northwestern University, Surgery, Chicago, IL, USA <sup>3</sup>Rush University Medical Center, Chicago, IL, USA.

**41.02. Treatment of Necrotizing Enterocolitis with Enteral Intestinal Alkaline Phosphatase.** B. Biesterveld<sup>1</sup>, N. Heinzerling<sup>2</sup>, R. Rentea<sup>2</sup>, S. Welak<sup>3,4</sup>, K. Fredrich<sup>2</sup>, D. Gourlay<sup>2,5</sup> <sup>1</sup>Medical College Of Wisconsin, Milwaukee, WI, USA <sup>2</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA <sup>3</sup>Medical College Of Wisconsin, Pediatrics, Milwaukee, WI, USA <sup>4</sup>Children's Hospital Of Wisconsin, Neonatology, Milwaukee, WI, USA <sup>5</sup>Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA.

**41.03. Nanocarrier-modified Mesenchymal Stem Cells Improve Hyperglycemia in Diabetic Mice.** D. Horkan<sup>1</sup>, B. Wang<sup>1</sup>, Y. Li<sup>1</sup>, Z. Liu<sup>1</sup>, O. Velazquez<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Vascular And Endovascular Surgery, Department Of Surgery, Leonard M. Miller School Of Medicine, Miami, FL, USA.

**41.04. Progenitor Cell Recruitment to Injured Tissue is Critically Regulated by Endothelial Cell SDF-1.** Z. N. Maan<sup>1</sup>, D. Duscher<sup>1</sup>, A. J. Whittam<sup>1</sup>, G. G. Walmsley<sup>1</sup>, R. C. Rennert<sup>3</sup>, M. Januszyk<sup>1</sup>, M. S. Hu<sup>1</sup>, L. H. Fischer<sup>1</sup>, I. N. Vial<sup>2</sup>, N. Ho<sup>1</sup>, S. Khong<sup>1</sup>, E. R. Zielins<sup>1</sup>, A. J. Whitmore<sup>1</sup>, M. T. Longaker<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA <sup>2</sup>University Of Pittsburgh, Plastic Surgery, Pittsburgh, PA, USA <sup>3</sup>University Of California - San Diego, Neurosurgery, San Diego, CA, USA.

**41.05. Subpopulation Enrichment Enhances the Potential of Cell-Based Therapy for Diabetic Wounds.** D. Duscher<sup>1</sup>, R. C. Rennert<sup>1</sup>, M. Januszyk<sup>1</sup>, Z. N. Maan<sup>1</sup>, A. J. Whittam<sup>1</sup>, M. Rodrigues<sup>1</sup>, M. W. Findlay<sup>1</sup>, M. S. Hu<sup>1</sup>, G. G. Walmsley<sup>1</sup>, R. Kosaraju<sup>1</sup>, S. Kong<sup>1</sup>, D. Atashroo<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Division of Plastic Surgery, Stanford, CA, USA.

**41.06. Fibroblast-Specific STAT3 Signaling of IL-10 Mediates Regenerative Wound Healing.** R. Ranjan<sup>1</sup>, S. Balaji<sup>1</sup>, S. S. Bhat-tacharya<sup>1</sup>, C. M. Moles<sup>1</sup>, N. Hann<sup>1</sup>, A. F. Shaaban<sup>1</sup>, P. Bollyky<sup>3</sup>, T. M. Crombleholme<sup>2</sup>, S. G. Keswani<sup>1</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center, Laboratory Of Regenerative Wound Healing, Division Of Pediatric, General And Thoracic Surgery, Cincinnati, OH, USA <sup>2</sup>Children's Hospital Colorado, Aurora, CO, USA <sup>3</sup>Stanford University, Infectious Diseases In The Department Of Medicine, Palo Alto, CA, USA.

**41.07. Generation of human autologous transgene-free cardiomyocytes in hypoplastic left heart syndrome.** S. M. Kunisaki<sup>1</sup>, G. Jiang<sup>1</sup>, J. Di Bernardo<sup>1</sup>, T. J. Herron<sup>1</sup>, K. S. O'Shea<sup>1</sup> <sup>1</sup>University Of Michigan, Ann Arbor, MI, USA.

**41.08. Requirement for Actin Capping Protein CAPZB in Cleft Pathogenesis and Lower Jaw Extension.** K. Mukherjee<sup>1,2</sup>, M. J. Grimaldi<sup>1</sup>, M. Talkowski<sup>2,4</sup>, J. F. Gusella<sup>2,4</sup>, R. Maas<sup>2,3</sup>, C. C. Morton<sup>2,5</sup>, E. C. Liao<sup>1,2</sup> <sup>1</sup>Massachusetts General Hospital, Center For Regenerative Medicine, Boston, MA, USA <sup>2</sup>Harvard School Of Medicine, Brookline, MA, USA <sup>3</sup>Brigham And Women's Hospital, Division Of Genetics, Boston, MA, USA <sup>4</sup>Massachusetts General Hospital, Center For Human Genetic Research, Boston, MA, USA <sup>5</sup>Brigham And Women's Hospital, Department Of Pathology, Boston, MA, USA.

**41.09. Autophagy pathway mediates environmental stress in orofacial cleft pathogenesis.** L. J. Rochard<sup>1</sup>, K. Mukherjee<sup>1</sup>, T. J. Hoyos<sup>1</sup>, E. C. Liao<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Center For Regenerative Medicine, Boston, MA, USA.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

**BASIC/TRANSLATION: IMMUNOLOGY/TRANSPLANTATION**

BEETHOVEN 2

**MODERATORS: Sunil Geevarghese, MD, FACS & Steven Katz, MD**

**\*42.01. HETEROGENEITY IN INDIRECT PATHWAY CD4 T CELL ALLORESPONSES.** J. M. Ali<sup>1</sup>, M. C. Negus<sup>1</sup>, E. M. Bolton<sup>1</sup>, K. Saeb Parsy<sup>1</sup>, J. A. Bradley<sup>1</sup>, G. J. Pettigrew<sup>1</sup> <sup>1</sup>Department of Surgery, University of Cambridge.  
**\* SARS PATEY PRIZE WINNER**

**42.02. Identification of Novel Class II-Promiscuous HER3-Derived CD4+ Peptides for Cancer Immunotherapy.** J. Datta<sup>1</sup>, S. Xu<sup>1</sup>, J. H. Terhune<sup>1</sup>, L. Lowenfeld<sup>1</sup>, C. Rosembliit<sup>1</sup>, E. Berk<sup>1</sup>, E. Fitzpatrick<sup>1</sup>, R. E. Roses<sup>1</sup>, B. J. Czerniecki<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Surgery, Philadelphia, PA, USA.

**42.03. LIGHT Over-Expression in Colorectal Cancer Stimulates Lymphocyte Proliferation and In-vivo Tumor Rejection.** K. H. Pardiwala<sup>1</sup>, G. Qiao<sup>1</sup>, B. Prabhakar<sup>1</sup>, A. V. Maker<sup>1</sup> <sup>1</sup>University Of Illinois At Chicago, Chicago, IL, USA.

**42.04. The Role of Transcription Factor ROR- t in the Tumor-Driven Induction of Th17 and Treg cells.** S. Downs-Canner<sup>1</sup>, N. Obermajer<sup>1</sup>, R. Ravindranathan<sup>1</sup>, K. Odunsi<sup>3</sup>, R. Edwards<sup>1</sup>, P. Kalinski<sup>1</sup>, D. Bartlett<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Surgical Oncology, Pittsburgh, PA, USA <sup>3</sup>Roswell Park Cancer Institute, Gynecologic Oncology, Buffalo, NY, USA.

**42.05. Myeloid Cell PD-1 Expression Drives Acute Inflammation in a Model of Obstructive Jaundice.** M. Thorn<sup>1</sup>, R. A. Burga<sup>1</sup>, G. Point<sup>1</sup>, N. J. Espat<sup>1,2</sup>, S. C. Katz<sup>1,2</sup> <sup>1</sup>Roger Williams Medical Center, Department Of Surgery, Providence, RI, USA <sup>2</sup>Boston University, Department Of Surgery, Boston, MA, USA.

**42.06. Transplantation of Stem Cell-Derived Hepatocytes in an Animal Model of Acute Liver Failure.** R. Ramanathan<sup>1</sup>, G.

Pettinato<sup>3</sup>, M. Mangino<sup>1</sup>, D. Lee<sup>4</sup>, X. Wen<sup>3</sup>, R. A. Fisher<sup>2</sup> <sup>1</sup>Virginia Commonwealth University Medical Center, Surgery, Richmond, VA, USA <sup>2</sup>Beth Israel Deaconess Medical Center, Transplantation, Boston, MA, USA <sup>3</sup>Virginia Commonwealth University, Bioengineering, Richmond, VA, USA <sup>4</sup>Mayo Clinic, Transplantation, Jacksonville, FL, USA.

**42.07. Environmental Mediated Intestinal Homeostasis In Neonatal Mice.** C. Culbreath<sup>1</sup>, S. Tanner<sup>1</sup>, T. Berryhill<sup>1</sup>, R. G. Lorenz<sup>2</sup>, C. A. Martin<sup>1</sup> <sup>1</sup>University Of Alabama, Pediatric Surgery, Birmingham, Alabama, USA <sup>2</sup>University Of Alabama, Pathology, Birmingham, Alabama, USA.

**42.08. Macrophages from Visceral Adipose Tissue Contribute to the Onset of Insulin Resistance.** M. Rodrigues<sup>1</sup>, A. Whittam<sup>1</sup>, M. Sorkin<sup>1</sup>, M. Januszyk<sup>1</sup>, R. Kosaraju<sup>1</sup>, R. C. Rennert<sup>1</sup>, A. McArdle<sup>1</sup>, Z. Maan<sup>1</sup>, D. Duscher<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, Division Of Plastic Surgery, Palo Alto, CA, USA.

**42.09. The impact of an inadequate tolerogenic stimulus in prenatal transplantation.** A. E. Lee<sup>1</sup>, A. M. Alhajjat<sup>2</sup>, B. S. Strong<sup>1</sup>, L. E. Turner<sup>1</sup>, R. K. Wadhvani<sup>1</sup>, T. Newkold<sup>1</sup>, A. F. Shaaban<sup>1</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center, Center For Fetal Cellular And Molecular Therapy, Cincinnati, OH, USA <sup>2</sup>University Of Iowa, Department Of Surgery, Iowa City, IA, USA.

**42.10. Virus Induced CD28 Down-Regulation as a Driver of Costimulation Resistant Allograft Rejection.** D. Mou<sup>1</sup>, J. R. Espinosa<sup>1</sup>, J. Kwun<sup>1</sup>, N. N. Iwakoshi<sup>1</sup>, A. D. Kirk<sup>2</sup> <sup>1</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA <sup>2</sup>Duke University Medical Center, Surgery, Durham, NC, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

## BASIC/TRANSLATION: ISCHEMIA/REPERFUSION/INJURY RESPONSE

BRAHMS 1

## MODERATORS: Geoffrey Candy, PhD &amp; Kevin Mollen, MD

- 43.01. Sirt1 Stimulation Preserves Mitochondria and Enhances Autophagy in Hepatocytes after Hypoxic Injury.** A. Khader<sup>1,2</sup>, W. Yang<sup>1,2</sup>, J. M. Prince<sup>1</sup>, J. Nicastro<sup>1</sup>, G. F. Coppa<sup>1</sup>, P. Wang<sup>1,2</sup> <sup>1</sup>Hofstra North Shore-LIJ School Of Medicine, Surgery, Manhasset, NEW YORK, USA <sup>2</sup>Elmezzzi Graduate School Of Molecular Medicine, Manhasset, NEW YORK, USA.
- 43.02. Cytokine-induced MicroRNA-155 Limits iNOS Synthesis in Hepatocytes During Redox Stress.** P. R. Varley<sup>1</sup>, Z. Guo<sup>1</sup>, D. A. Geller<sup>1</sup> <sup>1</sup>University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA.
- 43.03. Human Mesenchymal Stem Cells Improve Survival Following Intestinal Ischemic Injury.** T. D. Crafts<sup>1</sup>, E. Blocher-Smith<sup>1</sup>, T. A. Markel<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Pediatric Surgery, Indianapolis, IN, USA.
- 43.04. Anti-inflammatory effects of Carbon Monoxide are mediated through macrophages.** A. E. Leake<sup>1,2</sup>, G. Hong<sup>1</sup>, B. S. Zuckerbraun<sup>3</sup>, E. Tzeng<sup>1,2</sup> <sup>3</sup>University of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>1</sup>VA Pittsburgh Healthcare System, Vascular Surgery, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, Department Of Surgery, Division Of Vascular Surgery, Pittsburgh, PA, USA.
- 43.05. PGC1 Helps Maintain the Intestinal Barrier and Protect Against Inflammation in Experimental Colitis.** K. E. Cunningham<sup>1,2</sup>, G. Vincent<sup>1</sup>, D. J. Hackam<sup>1,2</sup>, K. P. Mollen<sup>1,2</sup> <sup>1</sup>Children's Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA, USA <sup>2</sup>University Of Pittsburgh, Pittsburgh, PA, USA.
- 43.06. Oxidative Stress Induces Neutrophil Extracellular Traps in a TLR4- and PHOX-Dependent Mechanism.** A. B. Al-Khafaji<sup>1</sup>, D. Miller<sup>2</sup>, H. Huang<sup>1</sup>, S. Tohme<sup>1</sup>, A. Tsung<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA <sup>2</sup>Beth Israel Deaconess Medical Center, Department Of Medicine, Boston, MA, USA.
- 43.07. DPR Decreases TLR4 and MYD88 Expression in the Lung after Resuscitated Hemorrhagic Shock.** M. A. Eid<sup>2</sup>, P. J. Matheson<sup>1,2,3</sup>, C. D. Downard<sup>1,2</sup>, R. N. Garrison<sup>1,2,3</sup>, J. W. Smith<sup>2,3</sup> <sup>1</sup>Robley Rex Veterans Affairs Medical Center, Louisville, KY, USA <sup>2</sup>University Of Louisville, Surgery, Louisville, KY, USA <sup>3</sup>University Of Louisville, Physiology & Biophysics, Louisville, KY, USA.
- 43.08. MyD88 Inhibition in Limb Ischemia Increases Myofiber Size and Perfusion in TRIFKO Mice.** J. Xu<sup>1</sup>, X. Cui<sup>1</sup>, E. Tzeng<sup>1</sup>, U. Sachdev<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Vascular Surgery, Pittsburgh, PA, USA.
- 43.09. Effect of Limb Demand Ischemia on Autophagy and Mitochondrial Biogenesis in Diet Induced Obese Mice.** H. Albadawi<sup>1,3</sup>, R. Oklu<sup>2,3</sup>, J. D. Milner<sup>1</sup>, T. P. Uong<sup>1</sup>, H. Yoo<sup>1</sup>, M. T. Watkins<sup>1,3</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, Department Of Imaging, Division Of Interventional Radiology, Boston, MA, USA <sup>3</sup>Harvard School Of Medicine, Brookline, MA, USA.
- 43.10. Adeno-Thioredoxin- 1 Delivery Improves Neovascularization in a Murine Model of Hind Limb Ischemia.** M. T. Rishi<sup>1,2</sup>, I. A. Shaikh<sup>1,2</sup>, V. Selvaraju<sup>1</sup>, M. Thirunavukkarasu<sup>1</sup>, J. Palesty<sup>2</sup>, N. Maulik<sup>1</sup> <sup>1</sup>University Of Connecticut Health Center, Molecular Cardiology And Angiogenesis Laboratory, Department Of Surgery, Farmington, CT, USA <sup>2</sup>Saint Mary's Hospital, Stanley J. Dudrick Department Of Surgery, Waterbury, CT, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

## BASIC/TRANSLATION: ENDOTHELIAL &amp; CARDIOVASCULAR BIOLOGY

BRAHMS 2

## MODERATORS: Luke Brewster, MD, PhD &amp; Christopher Skelly, MD

- 44.01. Cardiac Progenitor Cell Recruitment Inhibition During Fetal Response to MI Leads to Scar Formation.** C. Zgheib<sup>1,2</sup>, J. Xu<sup>1,2</sup>, M. Allukian<sup>3</sup>, M. W. Morris<sup>2</sup>, R. C. Caskey<sup>3</sup>, J. Hu<sup>1,2</sup>, J. H. Gorman<sup>3</sup>, R. C. Gorman<sup>3</sup>, K. W. Liechty<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, School Of Medicine - Department Of Surgery, Aurora, CO, USA <sup>2</sup>Colorado Children's Hospital, Department Of Surgery, Aurora, CO, USA <sup>3</sup>University Of Pennsylvania, The Perelman School Of Medicine, Philadelphia, PA, USA.
- 44.02. Attenuation of Abdominal Aortic Aneurysms with Mesenchymal Stem Cells from Different Genders.** J. P. Davis<sup>1</sup>, M. Salmon<sup>1</sup>, N. Pope<sup>1</sup>, G. Lu<sup>1</sup>, A. Meyer<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, Surgery, Charlottesville, VA, USA.
- 44.03. Chronic Stress-Induced Impaired Lung Healing Following T/HS is Reversed by Mesenchymal Stem Cells.** A. V. Gore<sup>1</sup>, L. E. Bible<sup>1</sup>, K. J. Song<sup>1</sup>, A. M. Mohr<sup>1</sup>, D. H. Livingston<sup>1</sup>, Z. C. Sifri<sup>1</sup> <sup>1</sup>Rutgers New Jersey Medical School, Surgery, Newark, NJ, USA.
- 44.04. Angiopoietin-1 Improves Endothelial Progenitor Cell Dependent Neovascularization in Diabetic Wounds.** S. Balaji<sup>1</sup>, R. Ranjan<sup>1</sup>, C. Moles<sup>1</sup>, N. Hann<sup>1</sup>, T. M. Crombleholme<sup>1,2</sup>, S. G. Keswani<sup>1</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center, Pediatric General Thoracic And Fetal Surgery, Cincinnati, OH, USA <sup>2</sup>Children's Hospital Of Colorado, Center For Children's Surgery, Aurora, CO, USA.
- 44.05. HMGB1 Released by Platelets Leads to Microvascular Thrombosis Following Trauma and Hemorrhage.** M. D. Neal<sup>1</sup>, J. Markel<sup>1</sup>, B. S. Zuckerbraun<sup>1</sup>, J. L. Sperry<sup>1</sup>, P. Loughran<sup>1</sup>, T. R. Billiar<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA.
- 44.06. Amitriptyline Reduces Endothelial Damage from Packed Red Blood Cell-Derived Microparticles.** P. L. Jernigan<sup>1</sup>, R. S. Hoehn<sup>1</sup>, J. Sutton<sup>1</sup>, E. Midura<sup>1</sup>, T. Johannigman<sup>1</sup>, C. C. Caldwell<sup>1</sup>, M. J. Edwards<sup>1</sup>, E. Gulbins<sup>1,2</sup>, T. A. Pritts<sup>1</sup> <sup>1</sup>University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA <sup>2</sup>University Of Duisburg-Essen, Department Of Molecular Biology, Essen, NORTH RHINE-WESTPHALIA, Germany.
- 44.07. Loss of MuRF-3 Up-regulates Cardiac PPAR- Activity and Exaggerates Diabetic Cardiomyopathy.** M. T. Quintana<sup>1</sup>, J. He<sup>3</sup>, M. S. Willis<sup>3</sup>, W. E. Stansfield<sup>2</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Department Of Surgery, Chapel Hill, NC, USA <sup>2</sup>University Of Toronto, Department Of Surgery, Division Of Cardiovascular Surgery, Toronto, Ontario, Canada <sup>3</sup>University Of North Carolina At Chapel Hill, Department Of Pathology & Laboratory Medicine, Chapel Hill, NC, USA.
- 44.08. Role of Sphingosine-1-phosphate in Inflammation-induced Lymphangiogenesis.** L. J. Fernandez<sup>1</sup>, W. Huang<sup>1</sup>, K. P. Terracina<sup>1</sup>, M. Nagahashi<sup>3</sup>, A. Yamada<sup>2</sup>, T. Aoyagi<sup>4</sup>, S. Spiegel<sup>5</sup>, K. Takabe<sup>1,5</sup> <sup>1</sup>Virginia Commonwealth University, Surgical Oncology, Richmond, VA, USA <sup>2</sup>Yokohama City University, Surgery, Yokohama, Japan <sup>3</sup>Nigata University, Digestive And General Surgery, Nigata, Japan <sup>4</sup>Chiba University, Surgery, Chiba, Japan <sup>5</sup>Virginia Commonwealth University, Biochemistry And Molecular Biology, Richmond, VA, USA <sup>6</sup>Chang Gung Memorial Hospital, Taipei, Taiwan.
- 44.09. DPR Up-regulates VEGF-A and Reduces Edema And Acute Lung Injury in Resuscitated Hemorrhagic Shock.** M. A. Wilson<sup>2</sup>, S. A. Matheson<sup>2</sup>, P. J. Matheson<sup>1,2,3</sup>, C. D. Downard<sup>1,2</sup>, R. N. Garrison<sup>1,2,3</sup>, J. W. Smith<sup>1,2,3</sup> <sup>1</sup>Robley Rex Veterans Affairs Medical Center, Louisville, KY, USA <sup>2</sup>University Of Louisville, Surgery, Louisville, KY, USA <sup>3</sup>University Of Louisville, Physiology & Biophysics, Louisville, KY, USA.
- 44.10. Combined Treatment with Hypothermia and Valproate Upregulates Survival Pathway in Hemorrhagic Shock.** T. Bambakidis<sup>1</sup>, S. E. Dekker<sup>1</sup>, B. Liu<sup>1</sup>, J. Maxwell<sup>1</sup>, K. T. Chtrakin<sup>1</sup>, D. Linzel<sup>1</sup>, W. He<sup>1</sup>, Z. Chang<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

CLINICAL/OUTCOMES: CLINICAL RESEARCH - GENERAL SURGERY 3

BRAHMS 3

**MODERATORS: Suresh Agarwal, MD & Marcovalerio Melis, MD**

**45.01. The Impact of Age and Frailty on Surgical Outcomes After Ileal Pouch-Anal Anastomosis.** J. N. Cohan<sup>1,3</sup>, P. Bacchetti<sup>2</sup>, M. G. Varma<sup>1</sup>, E. Finlayson<sup>1,3</sup> <sup>1</sup>University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA<sup>2</sup>University Of California - San Francisco, Department Of Epidemiology And Biostatistics, San Francisco, CA, USA<sup>3</sup>University Of California - San Francisco, Institute For Health Policy Studies, San Francisco, CA, USA.

**45.02. Post-Operative Troponin Testing and Cardiac Interventions among Patients with Coronary Stents.** C. N. Holcomb<sup>1</sup>, L. A. Graham<sup>2</sup>, T. M. Maddox<sup>4</sup>, K. M. Itani<sup>3</sup>, M. T. Hawn<sup>1,2</sup> <sup>1</sup>University Of Alabama At Birmingham, Department Of Gastrointestinal Surgery, Birmingham, AL, USA<sup>2</sup>Birmingham VA Medical Center, The Center For Surgical, Medical Acute Care Research And Transitions (C-SMART), Birmingham, AL, USA<sup>3</sup>Boston University And Harvard Medical School, Department Of Surgery, Boston, MA, USA<sup>4</sup>University Of Colorado School Of Medicine, Cardiology, Denver, Colorado, USA.

**45.03. Independent Predictors of Postoperative Ileus Development.** M. Murphy<sup>4</sup>, S. Tevis<sup>4</sup>, G. Kennedy<sup>4</sup> <sup>4</sup>University Of Wisconsin, School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA.

**45.04. Perioperative Sepsis Predicts Deep Venous Thrombosis In Colorectal Surgery Patients: A NSQIP Review.** Q. Hatch<sup>1</sup>, D. Nelson<sup>1</sup>, J. Maykel<sup>3</sup>, E. Johnson<sup>1</sup>, B. Champagne<sup>2</sup>, N. Hyman<sup>4</sup>, S. Steele<sup>1</sup> <sup>1</sup>Madigan Army Medical Center, Surgery, Tacoma, WA, USA<sup>2</sup>Case Western Reserve University School Of Medicine, Cleveland, OH, USA<sup>3</sup>University Of Massachusetts Medical School, Worcester, MA, USA<sup>4</sup>University Of Chicago, Chicago, IL, USA.

**45.05. Radiation Exposure Trends in Children with Appendicitis: Is Image Gently working?** M. M. McGuire<sup>1,2</sup>, T. A. Oyetunji<sup>3</sup>, H. T. Jackson<sup>1,4</sup>, W. Pastor<sup>1</sup>, D. I. Bulas<sup>1,4</sup>, F. G. Qureshi<sup>1,4</sup> <sup>1</sup>Children's National Medical Center, Surgery, Washington, DC, USA<sup>2</sup>All Children's Hospital, Surgery, St. Petersburg, FL, USA<sup>3</sup>Howard University College Of Medicine, Washington, DC, USA<sup>4</sup>George Washington University School Of Medicine And Health Sciences, Washington, DC, USA.

**45.06. Value of Routine Post-Op Upper GI Esophagogram After Uncomplicated Nissen Fundoplication.** A. Bhama<sup>1</sup>, V. Wu<sup>1</sup>, B. Nardy<sup>1</sup>, H. Chong<sup>1</sup> <sup>1</sup>University Of Iowa Hospitals And Clinics, General Surgery, Iowa City, IA, USA.

**45.07. Predictors of Operative Failure in Parathyroidectomy for Primary Hyperparathyroidism.** D. C. Cron<sup>1</sup>, S. Kapeles<sup>1</sup>, S. Kwon<sup>1</sup>, P. Kirk<sup>1</sup>, E. Andraska<sup>1</sup>, B. McNeish<sup>1</sup>, D. T. Hughes<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

**45.08. Substernal Goiter: When is a Sternotomy Required?** L. Nankee<sup>1</sup>, H. Chen<sup>1</sup>, D. Schneider<sup>1</sup>, R. Sippel<sup>1</sup>, D. M. Elfenbein<sup>1</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA.

**45.09. Potential Targets to Improve in Disparities in Thyroid Surgery Outcomes.** L. E. Kuo<sup>1</sup>, H. Wachtel<sup>1</sup>, G. C. Karakousis<sup>1</sup>, D. L. Fraker<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA.

**45.10. Outcomes Using Double-Stapled Technique for Esophagoenteric Anastomosis in Gastric Cancer.** A. Falor<sup>1</sup>, A. Choi<sup>1</sup>, S. Merchant<sup>1</sup>, M. Lew<sup>2</sup>, B. Lee<sup>1</sup>, I. B. Paz<sup>1</sup>, R. Nelson<sup>3</sup>, J. Kim<sup>1</sup> <sup>1</sup>City Of Hope National Medical Center, Division Of Surgical Oncology, Duarte, CA, USA<sup>2</sup>City Of Hope National Medical Center, Department Of Anesthesia, Duarte, CA, USA<sup>3</sup>City Of Hope National Medical Center, Department Of Biostatistics, Duarte, CA, USA.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

CLINICAL/OUTCOMES: CLINICAL RESEARCH - ONCOLOGY 2

BRAHMS 4

**MODERATORS: David J. Bentrem, MD & KMarie Reid Lombardo, MD**

**46.01. Both Systemic Inflammation and Visceral Obesity Are Associated with Colorectal Cancer Recurrence.** C. T. Aquina<sup>1</sup>, A. S. Rickles<sup>1</sup>, C. P. Probst<sup>1</sup>, B. J. Hensley<sup>1</sup>, A. A. Swanger<sup>1</sup>, K. Noyes<sup>1</sup>, J. R. Monson<sup>1</sup>, F. Fleming<sup>1</sup> <sup>1</sup>University Of Rochester, Surgical Health Outcomes & Research Enterprise (S.H.O.R.E.), Rochester, NY, USA.

**46.02. Minimally invasive distal pancreatectomy for cancer: Short-term oncologic outcomes in 1733 patients.** M. Abdelgadir Adam<sup>1</sup>, K. Choudhury<sup>3</sup>, M. Dinan<sup>2</sup>, S. Reed<sup>2</sup>, R. Scheri<sup>1</sup>, D. Blazer<sup>1</sup>, S. Roman<sup>1</sup>, J. Sosa<sup>1,2</sup> <sup>1</sup>Duke University Medical Center, Surgery, Durham, NC, USA<sup>2</sup>Duke Clinical Research Institute, Durham, NC, USA<sup>3</sup>Duke University Medical Center, Biostatistics, Durham, NC, USA.

**46.03. Menopausal Status Does Not Predict Recurrence Score Using Oncotype DX Assay.** D. N. Carr<sup>3</sup>, N. Vera<sup>3</sup>, J. Mullinax<sup>1</sup>, D. Korz<sup>1</sup>, W. Sun<sup>1</sup>, M. Lee<sup>1</sup>, S. Hoover<sup>1</sup>, W. Fulp<sup>2</sup>, G. Acs<sup>4</sup>, C. Laronga<sup>1</sup> <sup>1</sup>Moffitt Cancer Center And Research Institute, Breast Program, Tampa, FL, USA<sup>2</sup>Moffitt Cancer Center And Research Institute, Biostatistics, Tampa, FL, USA<sup>3</sup>University Of South Florida College Of Medicine, Tampa, FL, USA<sup>4</sup>Women's Pathology Consultants, Ruffolo Hooper & Associates, Tampa, FL, USA.

**46.04. Tumor Associated Macrophage Expression of Folate Receptor in Lung Cancer: Prognostic Significance.** A. Bain<sup>1</sup>, A. Vachani<sup>6</sup>, P. Low<sup>7</sup>, S. Singhal<sup>4</sup>, C. Deshpande<sup>5</sup> <sup>6</sup>Perelman School Of Medicine At The University Of Pennsylvania, Department Of Medicine, Philadelphia, PA, USA<sup>1</sup>Perelman School Of Medicine At The University Of Pennsylvania, Philadelphia, PA, USA<sup>4</sup>Perelman School Of Medicine At The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA<sup>5</sup>Perelman School Of Medicine At The University Of Pennsylvania, Department Of Pathology, Philadelphia, PA, USA<sup>7</sup>Purdue University, Department Of Chemistry, West Lafayette, IN, USA.

**46.05. Accuracy of Surgeons In Predicting the Dose of Levothyroxine After Total Thyroidectomy.** H. M. Yong<sup>1</sup>, T. W. Yen<sup>1</sup>, K. Doffek<sup>1</sup>, D. B. Evans<sup>1</sup>, T. S. Wang<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Department Of Surgery / Division Of Surgical Oncology, Milwaukee, WI, USA.

**46.06. Preoperative Anemia Predicts Poor Outcomes for Non-Metastatic RCC Patients with Venous Thrombus.** K. E. Zorn<sup>1</sup>, W. P. Christensen<sup>1</sup>, V. Margulis<sup>3</sup>, T. M. Bauman<sup>1</sup>, C. G. Wood<sup>2</sup>, E. J. Abel<sup>1</sup> <sup>1</sup>University Of Wisconsin, Urology, Madison, WI, USA<sup>2</sup>University Of Texas MD Anderson Cancer Center, Urology, Houston, TX, USA<sup>3</sup>University Of Texas Southwestern Medical Center, Urology, Dallas, TX, USA.

**46.07. Right vs. Left Colectomy Outcomes in Colon Cancer Patients.** H. Aziz<sup>1</sup>, M. R. Torres<sup>1</sup>, V. Nfonsam<sup>1</sup> <sup>1</sup>University Of Arizona, Tucson, AZ, USA.

**46.08. Impact of laterality on perioperative morbidity and mortality following major hepatic resection.** S. C. Pawar<sup>1</sup>, A. Robinson<sup>1</sup>, R. S. Chamberlain<sup>1</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA.

**46.09. Aggressive Papillary Thyroid Microcarcinoma: Population based study from SEER database (1989-2011).** S. C. Pawar<sup>1</sup>, R. S. Chamberlain<sup>1</sup> <sup>1</sup>Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA.

**46.10. Adjuvant Chemotherapy Attenuated the Impacts of Perineural Invasion in Stage III Colorectal Cancer.** T. Suzuki<sup>1</sup>, K. Suwa<sup>1</sup>, K. Hanyu<sup>1</sup>, Y. Mitsuyama<sup>1</sup>, K. Eto<sup>1</sup>, M. Ogawa<sup>1</sup>, T. Okamoto<sup>1</sup>, T. Fujita<sup>1</sup>, M. Ikegami<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 Pathology, Tokyo, Japan.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

**CLINICAL/OUTCOMES: CLINICAL RESEARCH - TRAUMA/CRITICAL CARE 2**

CHOPIN 1

**MODERATORS: Zara R. Cooper, MD & Saleem Islam, MD**

### 47.01. Age-related Mortality in Blunt Traumatic Hemorrhagic

**Shock: the Killers and the Life Savers.** J. O. Hwabejire<sup>1</sup>, C. Nembhard<sup>1</sup>, S. Siram<sup>1</sup>, E. Cornwell<sup>1</sup>, W. Greene<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, Surgery, Washington, DC, USA.

### 47.02. Serum Transthyretin is a Predictor of Clinical Outcomes in Critically Ill Trauma Patients.

V. Cheng<sup>1</sup>, K. Inaba<sup>1</sup>, T. Haltmeier<sup>1</sup>, A. Gutierrez<sup>1</sup>, S. Siboni<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, Division Of Trauma And Surgical Critical Care, Department Of Surgery, LAC+USC Medical Center, Los Angeles, CA, USA.

### 47.03. Will I miss an aneurysm? The role of CTA in traumatic subarachnoid hemorrhage.

K. J. Balinger<sup>1</sup>, A. Elmously<sup>1</sup>, B. A. Hoey<sup>1</sup>, C. D. Stehly<sup>1,2</sup>, S. P. Stawicki<sup>1,2</sup>, M. E. Portner<sup>1</sup> <sup>1</sup>St Luke's University Health Network, Level I Regional Trauma Center, Bethlehem, PA, USA<sup>2</sup>St. Luke's University Health Network, Department Of Research & Innovation, Bethlehem, PA, USA.

### 47.04. CANNABIS USE HAS NEGLIGIBLE EFFECTS AFTER SEVERE INJURY.

K. R. AbdelFattah<sup>1</sup>, C. R. Edwards<sup>1</sup>, M. W. Cripps<sup>1</sup>, C. T. Minshall<sup>1</sup>, H. A. Phelan<sup>1</sup>, J. P. Minei<sup>1</sup>, A. L. Eastman<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Burns, Trauma, And Critical Care Surgery, Dallas, TX, USA.

### 47.05. Pre-Hospital Care And Transportation Times Of Pediatric Trauma Patients.

C. J. Allen<sup>2</sup>, J. P. Meizoso<sup>2</sup>, J. Tashiro<sup>1</sup>, J. J. Ray<sup>2</sup>, C. I. Schulman<sup>2</sup>, H. L. Neville<sup>1</sup>, J. E. Sola<sup>1</sup>, K. G. Proctor<sup>2</sup> <sup>1</sup>University Of Miami, Pediatric Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Trauma And Critical Care, Miami, FL, USA.

### 47.06. Trends in 1029 Trauma Deaths at a Level 1 Trauma Center.

B. T. Oyeniyi<sup>1</sup>, E. E. Fox<sup>1</sup>, M. Scerbo<sup>1</sup>, J. S. Tomasek<sup>1</sup>, C. E. Wade<sup>1</sup>, J. B. Holcomb<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Acute Care Surgery/Surgery, Houston, TX, USA.

### 47.07. The Economic Burden Of Care For Severe Work Related Injuries In A Level-One Trauma Referral Centre.

C. T. Robertson-More<sup>1</sup>, B. Wells<sup>1,2</sup>, D. Nickerson<sup>3</sup>, A. Kirkpatrick<sup>1,2</sup>, C. Ball<sup>1,2</sup> <sup>1</sup>University Of Calgary, General Surgery, Calgary, AB, Canada<sup>2</sup>University Of Calgary, Trauma Surgery, Calgary, AB, Canada<sup>3</sup>University Of Calgary, Plastic Surgery, Calgary, AB, Canada.

### 47.08. Successful Observation of Small Traumatic Pneumothoraces in Patients Requiring Aeromedical Transfer.

N. Lu<sup>1</sup>, C. Ursic<sup>1</sup>, H. Penney<sup>1,2</sup>, S. Steinemann<sup>1</sup>, S. Moran<sup>1</sup> <sup>1</sup>University Of Hawaii, Department Of Surgery, Honolulu, HI, USA<sup>2</sup>University Of Hawaii, Department Of Radiology, Honolulu, HI, USA.

### 47.09. Unplanned Intensive Care Unit Admissions Following Trauma.

J. A. Rubano<sup>1</sup>, J. A. Vosswinkel<sup>1</sup>, J. E. McCormack<sup>1</sup>, E. C. Huang<sup>1</sup>, M. Paccione<sup>1</sup>, R. S. Jawa<sup>1</sup> <sup>1</sup>Stony Brook University Medical Center, Trauma, Stony Brook, NY, USA.

### 47.10. Analysis of the Coagulation System in Burn Patients: Perhaps Not As Simple As INR.

S. Tejiram<sup>1</sup>, K. Brummel-Ziedins<sup>3</sup>, T. Orfeo<sup>3</sup>, S. Butenas<sup>3</sup>, B. Hamilton<sup>2</sup>, J. Marks<sup>2</sup>, L. Moffatt<sup>2</sup>, J. Shupp<sup>1,2</sup> <sup>1</sup>MedStar Washington Hospital Center, The Burn Center, Department Of Surgery, Washington, DC, USA<sup>2</sup>Med-Star Health Research Institute, Firefighters' Burn And Surgical Research Laboratory, Washington, DC, USA<sup>3</sup>University Of Vermont, Department Of Biochemistry, Colchester, VT, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

**CLINICAL/OUTCOMES: CLINICAL RESEARCH - MULTIPLE SPECIALTIES**

CHOPIN 2

**MODERATORS: Anthony Kim, MD & Peter Tsai, MD**

### 48.01. Blood Transfusion & Adverse Surgical Outcomes – the Good, the Bad, & the Ugly.

M. Hochstetler<sup>1</sup>, S. P. Saha<sup>1</sup>, J. Martin<sup>1</sup>, A. Mahan<sup>1</sup>, V. Ferraris<sup>1</sup> <sup>1</sup>University Of Kentucky Chandler Medical Center, Surgery, Lexington, KY, USA.

### 48.02. Evaluation of the accuracy of endoscopic ultrasound for nodal staging in esophageal cancer.

V. Bianco<sup>1</sup>, K. S. Mehta<sup>1</sup>, M. Sablowsky<sup>1</sup>, W. E. Gooding<sup>1</sup>, J. D. Luketich<sup>1</sup>, A. Pennathur<sup>1</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Department Of Cardiothoracic Surgery, Pittsburgh, PA, USA.

### 48.03. Decade-long Trends of Survival and Cost for Extracorporeal Life Support: results from a modern series.

E. B. Pillado<sup>1</sup>, R. Kashani<sup>1</sup>, H. Wu<sup>1</sup>, S. Grant<sup>1</sup>, C. Hershey<sup>1</sup>, R. 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.

### 48.04. Virtual HLA Crossmatching As A Means To Safely Expedite The Transplantation Of Shipped-in Pancreata.

B. C. Eby<sup>1</sup>, T. M. Ellis<sup>2</sup>, R. R. Redfield<sup>1</sup>, G. Levenson<sup>1</sup>, J. S. Odorico<sup>1</sup> <sup>1</sup>University Of Wisconsin, Division Of Transplantation/Department Of Surgery/ School Of Medicine And Public Health, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Pathology And Laboratory Medicine, Madison, WI, USA.

### 48.05. Trauma Crude Mortality is Misleading.

A. J. Kerwin<sup>1</sup>, J. B. Burns<sup>1</sup>, J. H. Ra<sup>1</sup>, D. Ebler<sup>1</sup>, D. J. Skarupa<sup>1</sup>, N. Krumrei<sup>1</sup>, J. J. Tepas<sup>1</sup> <sup>1</sup>University Of Florida, Acute Care Surgery, Jacksonville, FL, USA.

### 48.06. Prospective Evaluation of Bradycardia and Hypotension after Early Propranolol for Traumatic Brain Injury.

J. Murry<sup>1</sup>, D. Hoang<sup>1</sup>, G. Barmparas<sup>1</sup>, D. Lee<sup>1</sup>, M. Bukur<sup>1</sup>, M. Bloom<sup>1</sup>, K. Inaba<sup>1</sup>, D. Margulies<sup>1</sup>, A. Salim<sup>1</sup>, E. J. Ley<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA.

### 48.07. Pediatric Vascular Injury: Experience of a High Volume Level 1 Trauma Center.

C. J. Allen<sup>3</sup>, R. J. Straker<sup>3</sup>, J. Tashiro<sup>1</sup>, J. P. Meizoso<sup>3</sup>, J. J. Ray<sup>3</sup>, M. Hanna<sup>3</sup>, C. I. Schulman<sup>3</sup>, N. Namias<sup>3</sup>, K. G. Proctor<sup>3</sup>, J. Rey<sup>2</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Pediatric Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Vascular Surgery, Miami, FL, USA<sup>3</sup>University Of Miami, Trauma And Critical Care, Miami, FL, USA.

### 48.08. Vascular Access Modifies the Protective Effect of Obesity on Hemodialysis Survival.

M. B. Malas<sup>1</sup>, I. J. Arhuidese<sup>1</sup>, T. Obeid<sup>1</sup>, U. Qazi<sup>1</sup>, C. Abularrage<sup>1</sup>, I. Botchey<sup>1</sup>, J. H. Black<sup>1</sup>, T. Reifsnnyder<sup>1</sup> <sup>1</sup>Johns Hopkins Medical Institutions, Department Of Surgery, Division Of Vascular Surgery, Baltimore, MD, USA.

### 48.09. Factors Associated with Ischemic Colitis in Contemporary Aortic Surgery.

J. C. Iannuzzi<sup>1</sup>, F. J. Fleming<sup>1</sup>, K. N. Kelly<sup>1</sup>, K. Noyes<sup>1</sup>, J. R. Monson<sup>1</sup>, M. J. Stoner<sup>2</sup> <sup>1</sup>University Of Rochester, Surgical Health Outcomes & Research Enterprise, Department Of Surgery, Rochester, NY, USA<sup>2</sup>University Of Rochester, Vascular Surgery, Rochester, NY, USA.

### 48.10. Transfusion During Amputation has Increased Risk of Pneumonia, Thromboembolism and Length of Stay.

T. Tan<sup>1</sup>, W. W. Zhang<sup>1</sup>, M. Eslami<sup>2</sup>, A. Coulter<sup>1</sup>, D. V. Rybin<sup>2</sup>, G. Doros<sup>2</sup>, A. Farber<sup>2</sup> <sup>1</sup>Louisiana State University Health Shreveport, Vascular And Endovascular Surgery, Shreveport, LA, USA<sup>2</sup>Boston Medical Center, Vascular And Endovascular Surgery, Boston, MA, USA.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

CLINICAL/OUTCOMES: CER/PCOR - GENERAL SURGERY

CHOPIN 3

**MODERATORS: Kristi Harold, MD & Anthony Yang, MD**

**49.01. Low Anterior Resection after Neoadjuvant Chemoradiation for Rectal Cancer: To Divert or Not Divert?** A. N. Kulaylat<sup>1</sup>, T. M. Connelly<sup>1</sup>, J. Miller<sup>2</sup>, N. J. Gusani<sup>2</sup>, G. Ortenzi<sup>1</sup>, J. Wong<sup>2</sup>, N. H. Bhayani<sup>2</sup>, E. Messaris<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Division Of Colon And Rectal Surgery, Hershey, PA, USA<sup>2</sup>Penn State Hershey Medical Center, Division Of General Surgical Specialties & Surgical Oncology, Hershey, PA, USA.

**49.02. Suture, Synthetic, or Biologic Mesh? A Multi-Center Comparison of Contaminated Ventral Hernia Repair.** I. L. Bondre<sup>1</sup>, J. L. Holihan<sup>1</sup>, E. P. Askenasy<sup>2</sup>, J. A. Greenberg<sup>3</sup>, J. Keith<sup>6</sup>, R. G. Martindale<sup>5</sup>, J. S. Roth<sup>4</sup>, C. J. Wray<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, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Houston, TX, USA<sup>3</sup>University Of Wisconsin, Madison, WI, USA<sup>4</sup>University Of Kentucky, Lexington, KY, USA<sup>5</sup>Oregon Health And Science University, Portland, OR, USA<sup>6</sup>University Of Iowa, Iowa City, IA, USA.

**49.03. Comparative Effectiveness Of Bariatric Surgery Upon Liver Function.** T. Mokharti<sup>1</sup>, A. Nair<sup>1</sup>, D. Azagury<sup>1</sup>, H. Rivas<sup>1</sup>, J. Morton<sup>1</sup> <sup>1</sup>Stanford University, Bariatric And Minimally Invasive Surgery, Palo Alto, CA, USA.

**49.04. A US Population Based Study Comparing Bile Duct Injury After Open and Laparoscopic Cholecystectomy.** S. Patil<sup>1</sup>, S. H. Fletcher<sup>1</sup>, F. C. Nance<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, General Surgery, Livingston, NJ, USA<sup>2</sup>University Of Medicine And Dentistry Of New Jersey, Newark, NJ, USA<sup>3</sup>Saint George's University, Grenada, Grenada, Grenada.

**49.05. Clinical comparison of laparoscopic and open liver resection after propensity matching selection.** M. Meguro<sup>1</sup>, T. Mizuguchi<sup>1</sup>, M. Kawamoto<sup>1</sup>, S. Ota<sup>1</sup>, M. Ishii<sup>1</sup>, T. Nishide<sup>1</sup>, K. Okita<sup>1</sup>, Y. Kimura<sup>1</sup>, K. Hirata<sup>1</sup> <sup>1</sup>Sapporo Medical University School Of Medicine, Department Of Surgery, Surgical Oncology And Science, Sapporo, HOKKAIDO, Japan.

**49.06. A United States Population-Based Study Analyzing Trends In Acute Diverticulitis Readmission Rates.** S. Patil<sup>1</sup>, S. H. Fletcher<sup>1</sup>, F. C. Nance<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, General Surgery, Livingston, NJ, USA<sup>2</sup>University Of Medicine And Dentistry Of New Jersey, Newark, NJ, USA<sup>3</sup>Saint George's University, Grenada, Grenada, Grenada.

**49.07. Sublay Versus Underlay in Open Ventral Hernia Repair: A Multi-Institutional Risk-Adjusted Comparison.** J. Holihan<sup>1</sup>, I. L. Bondre<sup>1</sup>, E. P. Askenasy<sup>2</sup>, J. A. Greenberg<sup>3</sup>, J. Keith<sup>6</sup>, R. G. Martindale<sup>5</sup>, J. S. Roth<sup>4</sup>, C. J. Wray<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, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Houston, TX, USA<sup>3</sup>University Of Wisconsin, Madison, WI, USA<sup>4</sup>University Of Kentucky, Lexington, KY, USA<sup>5</sup>Oregon Health And Science University, Portland, OR, USA<sup>6</sup>University Of Iowa, Iowa City, IA, USA.

**49.08. Voice Messaging System Associated With Improved Survival In Patients With Hepatocellular Carcinoma.** A. Mokdad<sup>1</sup>, A. Singal<sup>1</sup>, J. Mansour<sup>1</sup>, G. Balch<sup>1</sup>, M. Choti<sup>1</sup>, A. Yopp<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery Oncology, Dallas, TX, USA.

**49.09. Outcomes Of Major Colorectal Surgery Of The Mid And Hindgut In Australia: A Population-Based Study.** K. S. Ng<sup>1</sup>, Y. Y. Lee<sup>1</sup>, M. K. Suen<sup>1</sup>, N. Nassar<sup>2</sup>, M. A. Gladman<sup>1</sup> <sup>1</sup>Sydney Medical School - Concord, University Of Sydney, Academic Colorectal Unit, Sydney, NSW, Australia<sup>2</sup>The Kolling Institute, University Of Sydney, Clinical And Population Perinatal Health Research, Sydney, NSW, Australia.

**49.10. The Relationship Between Length of Stay and Readmissions in Bariatric Surgery Patients.** A. W. Lois<sup>1</sup>, M. J. Frelich<sup>1</sup>, N. Sahr<sup>2</sup>, S. F. Hohmann<sup>3</sup>, T. Wang<sup>2</sup>, J. C. Gould<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, General Surgery, Milwaukee, WI, USA<sup>2</sup>Medical College Of Wisconsin, Biostatistics, Milwaukee, WI, USA<sup>3</sup>University HealthSystem Consortium, Comparative Data & Informatics Research, Chicago, IL, USA.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

CLINICAL/OUTCOMES: CER/PCOR - TRAUMA/CRITICAL CARE 2

CHOPIN 4

**MODERATORS: Mayur Narayan, MD, MPH, MBA & Ali Salim, MD**

**50.01. Transport Time as a Factor in the Survival Benefit of Trauma Patients Transported by Helicopter.** J. B. Brown<sup>1</sup>, M. L. Gestring<sup>2</sup>, M. R. Rosengart<sup>1</sup>, A. B. Peitzman<sup>1</sup>, T. R. Billiar<sup>1</sup>, J. L. Sperry<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA<sup>2</sup>University Of Rochester, Department Of Surgery, Rochester, NY, USA.

**50.02. Does Decade of Life Matter: An Age Related Analysis of SICU Patients.** N. Melo<sup>1</sup>, J. Chan<sup>1</sup>, J. Mirocha<sup>1</sup>, M. Bloom<sup>1</sup>, E. Ley<sup>1</sup>, R. Chung<sup>1</sup>, D. Margulies<sup>1</sup> <sup>1</sup>Cedars-Sinai Medical Center, Los Angeles, CA, USA.

**50.03. Trajectory Subtypes After Injury: Implications In The Era Of Patient Centered Outcomes.** B. L. Zarzaur<sup>1</sup>, T. M. Bell<sup>1</sup>, B. L. Zarzaur<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA.

**50.04. In Their Own Words: Improving Trauma Services For Young Men of Color.** V. E. Chong<sup>1</sup>, R. N. Smith<sup>1</sup>, L. Ashley<sup>4</sup>, A. C. Marks<sup>4</sup>, T. Corbin<sup>2</sup>, J. Rich<sup>3</sup>, G. P. Victorino<sup>1</sup> <sup>1</sup>UCSF-East Bay, Surgery, Oakland, CALIFORNIA, USA<sup>2</sup>Drexel University College Of Medicine, Philadelphia, PA, USA<sup>3</sup>Drexel University School Of Public Health, Philadelphia, PA, USA<sup>4</sup>Youth ALIVE!, Oakland, California, USA.

**50.05. Efficacy of Gastrografin Challenge in Comparison to Standard Management of Small Bowel Obstruction.** Y. M. Baghdadi<sup>1</sup>, M. Amr<sup>1</sup>, M. A. Khasawneh<sup>1</sup>, S. Polites<sup>1</sup>, M. Zielinski<sup>1</sup> <sup>1</sup>Mayo Clinic, Rochester, MN, USA.

**50.06. Effect Of Alcohol And Illicit Drug Use In Pediatric Trauma Patients: An Analysis Of The NTDB.** H. Aziz<sup>1</sup>, P. Rhee<sup>1</sup>, V. Pandit<sup>1</sup>, M. Khalil<sup>1</sup>, R. S. Friese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/ Surgery/Medicine, Tucson, AZ, USA.

**50.07. Injury Severity Score (ISS) as a Predictor of Perioperative Complications in Open Humerus Fractures.** N. N. Branch<sup>1,2</sup>, A. Obirize<sup>2</sup>, R. H. Wilson<sup>1,2</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA<sup>2</sup>Howard University Hospital, Surgery, Washington, DC, USA.

**50.08. Under Fire: Gun Violence is not just an Urban Problem.** C. Morrison<sup>1</sup>, K. Bupp<sup>1</sup>, B. Gross<sup>1</sup>, K. Rittenhouse<sup>1</sup>, F. Rogers<sup>1</sup> <sup>1</sup>Lancaster General Hospital, Trauma, Lancaster, PA, USA.

**50.09. Percutaneous versus Surgical Tracheostomy: a meta-analysis.** C. J. Lee<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>New Jersey Medical School, Newark, NJ, USA<sup>3</sup>Saint George's University, Grenada, Grenada, Grenada.

**50.10. Paravertebral Blocks Significantly Reduce the Risk of Death in Patients with Multiple Rib Fractures.** K. Basiouny<sup>1</sup>, N. Gamsky<sup>1</sup>, B. Sarani<sup>1</sup>, P. Dangerfield<sup>1</sup>, R. L. Amdur<sup>1</sup>, M. Rose<sup>2</sup>, J. Dunne<sup>1</sup> <sup>2</sup>George Washington University School Of Medicine And Health Sciences, Department Of Anesthesia, Washington, DC, USA<sup>1</sup>George Washington University School Of Medicine And Health Sciences, Division Of Trauma, Department Of Surgery, Washington, DC, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

**CLINICAL/OUTCOMES: CER/PCOR - MULTIPLE SPECIALTIES**

DEBUSSY 1

**MODERATORS: Rory Smoot, MD & Barbara Trautner, MD, PhD**

### 51.01. Improvement in Patient-Reported Outcomes Following

**Parathyroidectomy for Primary Hyperparathyroidism.** K. Zanicco<sup>1,2</sup>, Z. Butt<sup>1,2,3</sup>, D. Kaltman<sup>1</sup>, D. Elaraj<sup>1</sup>, D. Cella<sup>2,3</sup>, J. L. Holl<sup>2</sup>, C. Sturgeon<sup>1</sup> <sup>1</sup>Northwestern University, Department Of Surgery, Chicago, IL, USA<sup>2</sup>Northwestern University, Center For Healthcare Studies, Chicago, IL, USA<sup>3</sup>Northwestern University, Department Of Medical Social Sciences, Chicago, IL, USA.

### 51.02. The Current Status of Shared Decision Making in Cancer:

**Patient and Physician Views.** N. Tamirisa<sup>1,2</sup>, A. Kandam<sup>1</sup>, S. K. Linder<sup>1</sup>, S. Weller<sup>1</sup>, S. Turubiate<sup>1</sup>, C. Silva<sup>1</sup>, T. S. Riall<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA<sup>2</sup>University Of California - San Francisco, East Bay Foundation, Oakland, CA, USA.

### 51.03. The Oldest Old and Hospital Resource Use After Pancreaticoduodenectomy at High Volume Hospitals.

R. C. Langan<sup>1,2</sup>, K. Harris<sup>1,2,3</sup>, C. Zheng<sup>1</sup>, R. Verstraete<sup>4</sup>, W. B. Al-Refaie<sup>1,2,3</sup>, L. B. Johnson<sup>1,2,3</sup> <sup>1</sup>Georgetown University Hospital, Department Of Surgery, Washington, DC, USA<sup>2</sup>MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA<sup>3</sup>MedStar Health Research Institute, Washington, DC, USA<sup>4</sup>Georgetown University Hospital, Washington, DC, USA.

### 51.04. Locally Advanced Primary Recto-Sigmoid Cancers: Improved

**survival with multivisceral resection.** G. Laurence<sup>1</sup>, R. Grim<sup>1</sup>, T. Bell<sup>1</sup>, N. Ahuja<sup>2</sup> <sup>1</sup>York Hospital, York, PA, USA<sup>2</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.

### 51.05. Optimizing Survivorship Care Using a Patient-Centered Treatment and Care Plan.

J. G. Ulloa<sup>1</sup>, M. Hemmelgarn<sup>2</sup>, L. Viveros<sup>2</sup>, P. Odele<sup>1</sup>, P. Ganz<sup>3</sup>, M. Maggard Gibbons<sup>1,2</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA<sup>2</sup>Olive View-UCLA Medical Center, Surgery, Sylmar, CA, USA<sup>3</sup>University Of California - Los Angeles, Medicine, Los Angeles, CA, USA.

### 51.07. Endoscopic Removal of Esophageal Foreign Bodies is

**Associated with Increased Resource Utilization.** J. Tashiro<sup>1</sup>, R. S. Kennedy<sup>1</sup>, E. A. Perez<sup>1</sup>, F. Mendoza<sup>2</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA<sup>2</sup>Baptist Children's Hospital, Children's Emergency Center, Miami, FL, USA.

**51.09. Probiotic Administration Can Prevent Necrotizing Enterocolitis in Preterm Infants - A Meta-analysis.** C. S. Lau<sup>1,3</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Department Of Surgery, Newark, NJ, USA<sup>3</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada.

### 51.10. Hospital Case Volume And Revisits For Children Undergoing

**Gastrostomy Tube Placement.** M. J. Arca<sup>1,12</sup>, S. J. Rangel<sup>2,13</sup>, M. Hall<sup>3</sup>, S. S. Shah<sup>4,14</sup>, D. H. Rothstein<sup>5,15</sup>, M. L. Blakely<sup>6,16</sup>, P. C. Minneci<sup>7,17</sup>, K. F. Heiss<sup>8,18</sup>, C. Snyder<sup>9</sup>, L. Berman<sup>10</sup>, C. Vinocur<sup>10</sup>, M. Browne<sup>19,20</sup>, M. Rava<sup>8,18</sup>, A. B. Goldin<sup>11,21</sup> <sup>1</sup>Medical College Of Wisconsin, Pediatric Surgery/Surgery, Milwaukee, WI, USA<sup>2</sup>Children's Hospital Boston, Pediatric Surgery, Boston, MA, USA<sup>3</sup>Children's Hospital Association, Overland Park, KS, USA<sup>4</sup>Cincinnati Children's Hospital Medical Center, Pediatrics, Cincinnati, OH, USA<sup>5</sup>State University Of New York At Buffalo, Pediatric Surgery/Surgery, Buffalo, NY, USA<sup>6</sup>Vanderbilt University Medical Center, Pediatric Surgery/ Surgery, Nashville, TN, USA<sup>7</sup>Ohio State University, Pediatric Surgery/ Surgery, Columbus, OH, USA<sup>8</sup>Emory University School Of Medicine, Pediatric Surgery/ Surgery, Atlanta, GA, USA<sup>9</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA<sup>10</sup>Nemours Children Hospital, Pediatric Surgery, Orlando, FL, USA<sup>11</sup>University Of Washington, Pediatric Surgery/Pediatrics, Seattle, WA, USA<sup>12</sup>Children's Hospital Of Wisconsin, Milwaukee, WI, USA<sup>13</sup>Harvard School Of Medicine, Brookline, MA, USA<sup>14</sup>University Of Cincinnati, Cincinnati, OH, USA<sup>15</sup>Women And Children's Hospital Of Buffalo, Buffalo, NY, USA<sup>16</sup>Monroe Carrell Jr. Children's Hospital At Vanderbilt, Nashville, TN, USA<sup>17</sup>Nationwide Children's Hospital, Columbus, OH, USA<sup>18</sup>Children's Hospital Of Atlanta, Atlanta, GA, USA<sup>19</sup>Northwestern University, Pediatric Surgery/Surgery, Chicago, IL, USA<sup>20</sup>Lurie Children's Hospital, Chicago, IL, USA<sup>21</sup>Seattle Children's Hospital, Seattle, WI, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

**CLINICAL/OUTCOMES: HEALTH DISPARITIES**

DEBUSSY 2

**MODERATORS: Adil H. Haider, MD, MPH & Ben Zarzaur, MD**

### 52.01. Patient-Centered Costs Disproportionately Impact Low

**Income Patients.** A. R. Scott<sup>1,3</sup>, A. J. Rush<sup>1</sup>, C. J. Balentine<sup>2</sup>, D. H. Berger<sup>1,3</sup>, A. D. Naik<sup>1,3</sup>, J. W. Suliburk<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Houston, TX, USA<sup>2</sup>University Of Wisconsin, Madison, WI, USA<sup>3</sup>VA Center For Innovations In Quality, Effectiveness And Safety, Houston, TX, USA.

### 52.02. Geographic Clustering of Guideline Adherence in Colon

**Cancer Care Using Spatial Autocorrelation.** R. L. Hoffman<sup>1</sup>, K. D. Simmons<sup>1</sup>, G. C. Karakousis<sup>1</sup>, N. N. Mahmoud<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA.

### 52.03. Evaluation of Sonoelastography and Race in Benign

**and Malignant Breast Tumors.** M. Martin<sup>1</sup>, N. Zaremba<sup>1</sup>, D. Anderson<sup>2</sup>, A. Davis<sup>1</sup>, S. Schafer<sup>2</sup>, H. Bumpers<sup>1</sup> <sup>1</sup>Michigan State University, Department Of Surgery, Lansing, MI, USA<sup>2</sup>Michigan State University, Department Of Radiology, East Lansing, Michigan, USA.

### 52.04. Disparities in Pediatric Gonadal Torsion: Does Gender, Race

**and Insurance Status Affect Outcomes?** S. S. Satahoo<sup>1</sup>, H. Hua<sup>1</sup>, J. E. Sola<sup>1</sup>, H. L. Neville<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA.

### 52.05. Inequalities in the Use of Helmets by Race and Payer

**Status Among Pediatric Cyclists.** B. C. Gulack<sup>1</sup>, B. R. Engman<sup>1</sup>, K. L. Rialon<sup>1</sup>, L. J. Talbot<sup>1</sup>, J. E. Keenan<sup>1</sup>, H. E. Rice<sup>1</sup>, J. E. Scarborough<sup>1</sup>, O. O. Adibe<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA.

### 52.06. Penetrating Trauma in Adolescents: Sex and Socioeconomic

**Factors Define Injury Pattern.** W. A. Young<sup>1</sup>, C. S. Muratore<sup>1</sup>, F. I. Luks<sup>1</sup>, W. G. Cioffi<sup>2</sup>, D. S. Heffernan<sup>2</sup> <sup>1</sup>Hasbro Children's Hospital,

Rhode Island Hospital And Alpert Medical School Of Brown University, Division Of Pediatric Surgery, Providence, Rhode Island, USA<sup>2</sup>Rhode Island Hospital And Alpert Medical School Of Brown University, Division Of Trauma And Acute Care Surgery, Providence, Rhode Island, USA.

### 52.07. Discussions with a Nephrologist and Access to Kidney

**Transplantation.** N. Gupta<sup>1</sup>, L. M. Kucirka<sup>2</sup>, M. L. Salter<sup>2</sup>, A. H. Law<sup>2</sup>, K. S. Balhara<sup>3</sup>, D. L. Segev<sup>1,2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Public Health, Department Of Epidemiology, Baltimore, MD, USA<sup>3</sup>Johns Hopkins University School Of Medicine, Department Of Emergency Medicine, Baltimore, MD, USA.

### 52.08. Geographic Disparities in Mortality Following Head

**Trauma.** M. P. Jarman<sup>2</sup>, R. C. Castillo<sup>2</sup>, A. R. Carlini<sup>2</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Johns Hopkins Bloomberg School Of Public Health, Department Of Health Policy And Management, Baltimore, MD, USA.

### 52.09. Undertriage of Older Adult Trauma Patients: Is this a National

**Phenomenon?** L. M. Kodadek<sup>1</sup>, S. Selvarajah<sup>1</sup>, C. G. Velopoulos<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA.

### 52.10. Equal Access to Care Eliminates Racial/Ethnic Disparities

**in Patients with Operable Breast Cancer.** A. C. DuBose<sup>1</sup>, Q. D. Chu<sup>1</sup> <sup>1</sup>Louisiana State University Health Sciences Center, Division Of Surgical Oncology, Department Of Surgery, Shreveport, LA, USA.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

**CLINICAL/OUTCOMES: HEALTH POLICY/HEALTHCARE DELIVERY - GENERAL SURGERY**

ENCORE 1

**MODERATORS: Marc Gladman, PhD & Lauren Nicholas, PhD, MPP**

**53.01. A Comparison of the Geographic Variation in Surgical Outcomes and Cost Between the US and Japan.** M. Hurley<sup>4</sup>, L. Schoemaker<sup>2</sup>, J. Morton<sup>1</sup>, S. Wren<sup>1</sup>, S. Watanabe<sup>3</sup>, A. Yoshikawa<sup>3</sup>, J. Bhattacharya<sup>2</sup> <sup>1</sup>Stanford University, Department Of Surgery, Palo Alto, CA, USA<sup>2</sup>Stanford University, Center For Health Policy/Center For Primary Care And Outcomes Research, Palo Alto, CA, USA<sup>3</sup>Global Health Consulting Japan, Tokyo, TOKYO, Japan<sup>4</sup>Stanford University, Health Research And Policy, Palo Alto, CA, USA.

**53.02. Quality of Emergency Department Care and Acute Care Surgery Outcomes.** T. C. Tsai<sup>1,2</sup>, L. Burke<sup>2,3</sup>, M. J. Zinner<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Surgery, Boston, MA, USA<sup>2</sup>Harvard School Of Public Health, Health Policy And Management, Boston, MA, USA<sup>3</sup>Beth Israel Deaconess Medical Center, Emergency Medicine, Boston, MA, USA.

**53.03. Postoperative Health Services Use Before and After Implementation of a Provincial Bariatric Program.** A. Elnahas<sup>1</sup>, T. Jackson<sup>1</sup>, A. Okrainec<sup>1</sup>, P. Austin<sup>2</sup>, C. Bell<sup>3</sup>, D. Urbach<sup>1,2</sup> <sup>1</sup>University of Toronto, General Surgery, Toronto, Ontario, Canada<sup>2</sup>Institute For Clinical Evaluative Sciences, Toronto, Ontario, Canada<sup>3</sup>University of Toronto, General Internal Medicine, Toronto, Ontario, Canada.

**53.04. Achieving Better Elective Waiting Times: Remodelling the Colorectal Outpatient Clinic.** B. Su'a<sup>1</sup>, A. Taneja<sup>1</sup>, A. G. Hill<sup>1</sup> <sup>1</sup>The University Of Auckland, Department Of Surgery, Auckland, AUCKLAND, New Zealand.

**53.05. Hospital Competition and Adoption of New Procedures in Low Volume Settings.** H. L. Hill<sup>1</sup>, T. R. Grenda<sup>1,2</sup>, J. R. Thumma<sup>2</sup>, J. B. Dimick<sup>1,2</sup>, C. P. Scally<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 Healthcare Outcomes And Policy, Ann Arbor, MI, USA.

**53.06. The Result of Surgeon Aging on Patient Selection and Surgical Outcomes.** T. E. Newhook<sup>1</sup>, C. A. Guidry<sup>1</sup>, F. Turrentine<sup>1</sup>, R. Sawyer<sup>1</sup>, R. S. Jones<sup>1</sup> <sup>1</sup>University Of Virginia, Surgery, Charlottesville, VA, USA.

**53.07. Rethinking Regionalization for Pyloromyotomy.** S. Selvarajah<sup>1</sup>, E. B. Schneider<sup>1</sup>, E. R. Hammond<sup>1</sup>, M. Arafeh<sup>1</sup>, H. N. Alshaikh<sup>1</sup>, N. Nagarajan<sup>1</sup>, F. Gani<sup>1</sup>, H. Alturki<sup>1</sup>, C. K. Zogg<sup>1</sup>, A. Najafian<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.

**53.08. Assessing the association between insurance and management of pediatric blunt splenic injuries.** M. Cerullo<sup>1</sup>, M. Michailidou<sup>1,2</sup>, Z. G. Hashmi<sup>1</sup>, A. T. Lwin<sup>1</sup>, E. B. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA<sup>2</sup>University Of Arizona, Tucson, AZ, USA.

**53.09. Methodological Considerations in Outcomes Research: Timing of Surgery.** K. D. Simmons<sup>1</sup>, L. E. Kuo<sup>1</sup>, R. L. Hoffman<sup>1</sup>, E. K. Bartlett<sup>1</sup>, D. N. Holena<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA.

**53.10. Efficacy of a Multifaceted Program to Reduce Readmission after Cardiac Surgery.** I. E. McElroy<sup>1</sup>, H. Wu<sup>1</sup>, E. Gee<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.

2:30PM - 4:30PM

### Integrated Oral Presentation Session II

**CLINICAL/OUTCOMES: HEALTH POLICY/HEALTHCARE DELIVERY - MULTIPLE SPECIALTIES**

ENCORE 3

**MODERATORS: Cherif Boutros, MD, MSc & Nicholas H. Osborne, MD, MS**

**54.01. Readmission Destination and Risk of Mortality Following Major Surgery.** B. S. Brooke<sup>1</sup>, P. P. Goodney<sup>3,4</sup>, L. W. Kraiss<sup>1</sup>, D. J. Gottlieb<sup>4</sup>, S. R. Finlayson<sup>1</sup> <sup>1</sup>University Of Utah, Department Of Surgery, Salt Lake City, UT, USA<sup>2</sup>Dartmouth-Hitchcock Medical Center, Department Of Surgery, Lebanon, NH, USA<sup>3</sup>The Dartmouth Institute For Health Policy & Clinical Practice, Lebanon, NH, USA.

**54.02. Insurance Status Influences Emergent Transfer Designation in Emergency Surgical Transfers.** K. L. Kummerow<sup>1</sup>, S. Phillips<sup>1</sup>, R. M. Hayes<sup>1</sup>, J. M. Ehrenfeld<sup>1</sup>, M. D. Holzman<sup>1</sup>, K. Sharp<sup>1</sup>, R. Pierce<sup>1</sup>, W. Nealon<sup>1</sup>, B. K. Poulos<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, General Surgery, Nashville, TN, USA.

**54.03. Preliminary Impact of 2011 ACGME Duty Hour Regulations on Surgical Outcomes.** C. Scally<sup>1</sup>, A. Ryan<sup>2</sup>, J. Thumma<sup>1</sup>, P. Gauger<sup>1</sup>, J. Dimick<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA<sup>2</sup>Weill Cornell Medical College, Healthcare Policy & Research, New York, NY, USA.

**54.04. Discordance between Perceived and Measured Frailty.** N. Gupta<sup>1</sup>, M. L. Salter<sup>1,2,3</sup>, A. Massie<sup>1</sup>, M. A. McAdams-Demarco<sup>1,2</sup>, A. H. Law<sup>2</sup>, B. G. Jaar<sup>2</sup>, J. D. Walston<sup>3</sup>, D. L. Segev<sup>1,2</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Public Health, Department Of Epidemiology, Baltimore, MD, USA<sup>3</sup>Johns Hopkins University, Center On Aging And Health, Baltimore, MD, USA.

**54.06. Overtriage Rates Continue to Burden a Mature Trauma Center.** M. Soult<sup>1</sup>, J. N. Collins<sup>1</sup>, T. J. Novosel<sup>1</sup>, L. D. Britt<sup>1</sup>, L. J. Weireter<sup>1</sup> <sup>1</sup>Eastern Virginia Medical School, Norfolk, VA, USA.

**54.07. Falls In The Elderly: A Cause Of Death Analysis At A Level 1 Trauma Center.** C. J. Allen<sup>1</sup>, W. M. Hannay<sup>1</sup>, C. R. Murray<sup>1</sup>, R. J. Straker<sup>1</sup>, J. P. Meizoso<sup>1</sup>, J. J. Ray<sup>1</sup>, M. Hanna<sup>1</sup>, C. I. Schulman<sup>1</sup>, A. S. Livingstone<sup>1</sup>, N. Namias<sup>1</sup>, K. G. Proctor<sup>1</sup> <sup>1</sup>University Of Miami, Trauma And Critical Care, Miami, FL, USA.

**54.08. Do High Malpractice Risk Environments Deter Poor Care?** C. Minami<sup>1</sup>, J. Chung<sup>1</sup>, J. Holl<sup>1</sup>, M. Mello<sup>2</sup>, K. Bilimoria<sup>1</sup> <sup>1</sup>Northwestern University, Surgery, Chicago, IL, USA<sup>2</sup>Stanford University, Law School, Palo Alto, CA, USA.

**54.09. Neighborhood Socioeconomic Status Predicts Violent Injury Recidivism.** V. E. Chong<sup>1</sup>, W. S. Lee<sup>1</sup>, G. P. Victorino<sup>1</sup> <sup>1</sup>UCSF-East Bay, Surgery, Oakland, CA, USA.

**54.10. Endovascular Repair of Ruptured Abdominal Aortic Aneurysms Improves Hospital Resource Utilization.** A. Cha<sup>1</sup>, V. Dombrovskiy<sup>1</sup>, N. Nassiri<sup>1</sup>, R. Shafritz<sup>1</sup>, S. Rahimi<sup>1</sup> <sup>1</sup>Robert Wood Johnson - UMDNJ, Vascular Surgery, New Brunswick, NJ, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

### CLINICAL/OUTCOMES: QUALITY OF CARE - MULTIPLE SPECIALTIES

HANDEL

#### MODERATORS: Julie A. Margenthaler, MD & Joseph Sakran, MD, MPH

**55.01. Using Human Factor Analysis to Improve Perioperative Hand-offs Following Congenital Heart Surgery.** A. Phillips<sup>1</sup>, V. Olshove<sup>1</sup>, S. Sheth<sup>1</sup>, E. Zahn<sup>1</sup>, C. Chrysostomou<sup>1</sup>, K. Catchpole<sup>1</sup>, B. L. Gewertz<sup>1</sup>  
<sup>1</sup>Cedars-Sinai Medical Center, Surgery, Los Angeles, CA, USA.

**55.02. Describing Surgeons' Attitudes and Beliefs towards Preoperative Advanced Care Planning Discussions.** G. Awad Elkarim<sup>1,2</sup>, K. M. Devon<sup>1,3,4</sup>, L. Gotlib Conn<sup>2</sup>, B. Henry<sup>1,2</sup>, M. F. McKneally<sup>1</sup>, A. B. Nathens<sup>1,2</sup>  
<sup>1</sup>University of Toronto, Toronto, Ontario, Canada<sup>2</sup>Sunnybrook Health Sciences Centre, Toronto, ONTARIO, Canada<sup>3</sup>Women's College Hospital, Toronto, Ontario, Canada<sup>4</sup>University Health Network, Toronto, Ontario, Canada.

**55.03. Evaluating The Impact Of A Dedicated Rounding Surgeon On Patient Care.** P. I. Abbas<sup>1,2</sup>, I. J. Zamora<sup>1,2</sup>, S. C. Elder<sup>2</sup>, T. C. Lee<sup>1,2</sup>, J. G. Nuchtern<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.

**55.04. A Statewide Analysis of Specialized Care for Pediatric Appendicitis.** L. R. Putnam<sup>1,3,4</sup>, L. K. Nguyen<sup>2</sup>, K. P. Lally<sup>1,3,4</sup>, L. Franzini<sup>2</sup>, K. Tsao<sup>1,3,4</sup>, M. T. Austin<sup>1,3,4</sup>  
<sup>1</sup>Children's Memorial Hermann Hospital, Houston, TX, USA<sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA<sup>2</sup>University Of Texas School Of Public Health, Department Of Management, Policy, And Community Health, Houston, TEXAS, USA<sup>3</sup>Center For Surgical Trials And Evidence-based Practice, Houston, TX, USA.

**55.05. Surgical Antibiotic Prophylaxis Requires More Than Operating Room Interventions.** C. M. Chang<sup>1,6</sup>, L. R. Putnam<sup>2,5,6</sup>, J. M. Podolnick<sup>1,5</sup>, S. Sakhuja<sup>1,5</sup>, M. Matuszczak<sup>3,6</sup>, M. T. Austin<sup>2,5,6</sup>, L. S. Kao<sup>4,5</sup>, K. P. Lally<sup>3,5,6</sup>, K. Tsao<sup>2,5,6</sup>  
<sup>6</sup>Children's Memorial Hermann

Hospital, Houston, TX, USA<sup>1</sup>University Of Texas Health Science Center At Houston, Medical School, Houston, TX, USA<sup>2</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA<sup>3</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Anesthesia, Houston, TX, USA<sup>4</sup>University Of Texas Health Science Center At Houston, Department Of General Surgery, Houston, TX, USA<sup>5</sup>Center For Surgical Trials And Evidence-based Practice, Houston, TX, USA.

**55.06. Surgical Never Events and Contributing Human Factors.** C. A. Thiels<sup>1</sup>, J. M. Nienow<sup>1</sup>, T. M. Lal<sup>1</sup>, J. M. Aho<sup>1</sup>, K. S. Pasupathy<sup>1</sup>, T. I. Morgenthaler<sup>1</sup>, R. R. Cima<sup>1</sup>, R. C. Blocker<sup>1</sup>, S. Hallbeck<sup>1</sup>, J. Bingener<sup>1</sup>  
<sup>1</sup>Mayo Clinic, Rochester, MN, USA.

**55.07. Predicting Observation Status for Patients Older Patients with Small Bowel Obstruction.** N. Goel<sup>1</sup>, L. Gutnik<sup>1</sup>, G. Reznor<sup>1</sup>, D. Rivera Morales<sup>1</sup>, A. Salim<sup>1</sup>, M. J. Zinner<sup>1</sup>, Z. R. Cooper<sup>1</sup>  
<sup>1</sup>Brigham And Women's Hospital, Trauma, Burns And Surgical Critical Care, Boston, MA, USA.

**55.08. 1 Year Outcomes For Medicaid vs. non-Medicaid Patients After Laparoscopic Roux-en-Y Gastric Bypass.** E. Y. Chen<sup>1</sup>, B. Fox<sup>1</sup>, A. Suzo<sup>2</sup>, S. A. Jolles<sup>1</sup>, J. A. Greenberg<sup>1</sup>, G. M. Campos<sup>1</sup>, M. J. Garren<sup>1</sup>, L. M. Funk<sup>1</sup>  
<sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA<sup>2</sup>Ohio State University, Department Of Surgery, Columbus, OH, USA.

**55.10. Inappropriate warfarin use in trauma: Time for a safety initiative.** H. H. Hon<sup>1</sup>, A. Elmously<sup>1</sup>, C. D. Stehly<sup>1,2</sup>, J. Stoltzfus<sup>3</sup>, S. P. Stawicki<sup>1,2</sup>, B. A. Hoey<sup>1</sup>  
<sup>1</sup>St. Luke's University Health Network, Regional Level I Trauma Center, Bethlehem, PA, USA<sup>2</sup>St. Luke's University Health Network, Department Of Research & Innovation, Bethlehem, PA, USA<sup>3</sup>St. Luke's University Health Network, The Research Institute, Bethlehem, PA, USA.

2:30PM - 4:30PM

## Integrated Oral Presentation Session II

### EDUCATION: SIMULATION AND SKILLS TRAINING

SCHUBERT

#### MODERATORS: Imran Hassan, MD & Priti Parikh, PhD

**56.01. Operative Performance: Quantifying The Surgeon's Response to Tissue Characteristics.** A. D. D'Angelo<sup>1</sup>, D. N. Rutherford<sup>1,2</sup>, R. D. Ray<sup>1</sup>, A. Mason<sup>2</sup>, C. M. Pugh<sup>1</sup>  
<sup>1</sup>University Of Wisconsin, Department Of Surgery, School Of Medicine And Public Health, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Kinesiology, School Of Education, Madison, WI, USA.

**56.02. Design of Tissue Force Feedback Knot-Tying Simulator and Performance Metrics for Deliberate Practice.** J. Hsu<sup>1</sup>, J. R. Korndorffer<sup>2</sup>, K. M. Brown<sup>1</sup>  
<sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA<sup>2</sup>Tulane University School Of Medicine, Surgery, New Orleans, LA, USA.

**56.03. Novel Use of Google Glass for Wireless Vital Sign Monitoring During Surgical Procedures.** C. A. Liebert<sup>1</sup>, M. A. Zayed<sup>3</sup>, J. Tran<sup>1</sup>, J. N. Lau<sup>1</sup>, O. Aalami<sup>2</sup>  
<sup>1</sup>Stanford University School Of Medicine, Department Of Surgery, Division Of General Surgery, Palo Alto, CA, USA<sup>2</sup>Stanford University School Of Medicine And Palo Alto Veteran's Affairs Health Care System, Department Of Surgery, Division Of Vascular Surgery, Palo Alto, CA, USA<sup>3</sup>Washington University School Of Medicine, Department Of Surgery, Section Of Vascular Surgery, St. Louis, MO, USA.

**56.04. A Simulation-Enhanced Hand-off Curriculum Improves Resident Knowledge and Confidence.** R. L. Hoffman<sup>1</sup>, M. Gupta<sup>1</sup>, R. R. Kelz<sup>1</sup>, J. Pascual<sup>1</sup>  
<sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA.

**56.05. Development of a proficiency-based virtual reality training curriculum for laparoscopic appendectomy.** P. Sirimanna<sup>1</sup>, R. Aggarwal<sup>2</sup>, M. A. Gladman<sup>1</sup>  
<sup>1</sup>University Of Sydney, Sydney Medical School - Concord, Sydney, NSW, Australia<sup>2</sup>McGill University, Department Of Surgery, Montreal, QC, Canada.

**56.06. Position Clustering: A Novel Approach to Quantifying Laparoscopic Port Placement.** D. N. Rutherford<sup>1</sup>, A. D. D'Angelo<sup>1</sup>, C. Kwan<sup>1</sup>, P. B. Barlow<sup>1</sup>, C. M. Pugh<sup>1</sup>  
<sup>1</sup>University Of Wisconsin, Department Of Surgery, School Of Medicine And Public Health, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Kinesiology, School Of Education, Madison, WI, USA.

**56.08. Ultrasound Guided Central Venous Catheter Insertion: is Safer, but in whose hands? A meta-analysis.** C. J. Lee<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>New Jersey Medical School, Surgery, Newark, NJ, USA<sup>3</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada.


**56.09. Monitoring the Autonomic Nervous Activities to Evaluate the Mental Workload of Surgical Operations.** K. Yamanouchi<sup>1</sup>, N. Hayashida<sup>1,2</sup>, S. Kuba<sup>1</sup>, C. Sakimura<sup>1</sup>, F. Fujita<sup>1</sup>, K. Kanetaka<sup>1</sup>, M. Takatsuki<sup>1</sup>, T. Kuroki<sup>1</sup>, N. Takamura<sup>2</sup>, S. Eguchi<sup>1</sup>  
<sup>1</sup>Nagasaki University, Department Of Surgery, Nagasaki, Japan<sup>2</sup>Nagasaki University, Department Of Global Health, Medicine And Welfare, Atomic Bomb Disease Institute, Nagasaki, Japan.

**56.10. More Than A "Camera Holder": Teaching Laparoscopic Skills To Students During The Surgery Clerkship.** P. I. Abbas<sup>1,2</sup>, J. G. Holder-Haynes<sup>1</sup>, D. J. Taylor<sup>1</sup>, B. G. Scott<sup>1</sup>, M. L. Brandt<sup>1,2</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.



## SCIENTIFIC PROGRAM

Wednesday, February 4, 2015

TUESDAY	3:30PM - 4:30PM	<b>Break in Exhibit Hall</b>	ENCORE 2
	4:30PM - 5:30PM	<b>SUS New Member Poster Session</b>	ENCORE FOYER
	<b>OR</b>		
	4:30PM - 5:30PM	<b>Resident/Student Meet the AAS Leadership Reception</b>	CHOPIN PATIO
WEDNESDAY	5:30PM - 7:00PM	<b>AAS Business Meeting</b>	BEETHOVEN 1
	<b>OR</b>		
	5:30PM - 7:00PM	<b>ASC Cocktail Hour in Exhibit Area</b>	ENCORE 2
	7:00PM - 10:00PM	<b>ASC 10<sup>th</sup> Anniversary Social Event</b>	MARGAUX BALLROOM ON THE WYNN SIDE OF THE HOTEL
THURSDAY	 <p><b>Please join us as we celebrate 10 years of joint collaboration between the AAS and SUS! Meet up with colleagues, dance to tunes spun by our very own DJ Dorry Segev. There will also be a special 50/50 raffle in honor of the “10 for 10” Campaign and a “Speed Painter”. Entertainment and full dinner provided.</b></p>		
	10:00PM - 12:00AM	<b>Presidential Reception</b>	BRAHMS 1-2 AND PATIO
		<p><b>HOSTED BY: Timothy Pawlik, MD, MPH, PhD, AAS President &amp; David Hackam, MD, PhD, FACS, SUS President</b></p> <p><b>CO-SPONSORED BY: The Society of Asian Academic Surgeons</b></p>	



6:00AM - 8:00AM	<b>Continental Breakfast</b>	ENCORE FOYER
7:30AM - 9:00AM	<b>OUTCOMES PANEL DISCUSSION:</b> <b>“Spectacular Failures and How to Rise from the Ashes”</b> <b>MODERATOR: Dorry Segev, MD, PhD</b>	ENCORE 5
	<b>LEARNING OBJECTIVES</b> At the conclusion of this session, participants will be able to: <ul style="list-style-type: none"> <li>• Recognize obstacles that are related to outcomes research-related career development.</li> <li>• Distinguish methods to overcome common obstacles.</li> <li>• Identify resources that are available for support.</li> </ul>	
	<b>THE EARLY YEARS</b> <ol style="list-style-type: none"> <li>1. No Funding, No Mentor...No Problem – Caprice Greenberg, MD, MPH</li> <li>2. Failing to Get the Job I Really Wanted – Jennifer F. Tseng MD, MPH</li> <li>3. What’s Outcomes Research and What Are You Going to Do All Day? – Karl Bilimoria, MD, MS</li> </ol>	
	<b>RESEARCH MEETS LIFE STRESSORS</b> <ol style="list-style-type: none"> <li>4. And the Baboons Threw Things at Me – Michael Englesbe, MD</li> <li>5. All of Life’s Stresses in 12 Months – Mary T. Hawn, MD, MPH</li> </ol>	
	<b>PAINFUL GRANTS AND STUDIES</b> <ol style="list-style-type: none"> <li>6. It’s Just Breasts: A K Award without Real Science – Clara Lee, MD, MPP</li> <li>7. Palliative Care that Never Died – Robert S. Krouse, MD, FACS</li> <li>8. The Dean Just Killed My Study – Robert Sawyer, MD</li> <li>9. Big Study - No Results – KMarie Reid Lombardo, MD, MS</li> </ol>	
7:30AM - 9:00AM	<b>ETHICS COMMITTEE SESSION: “Surgical Ethics in the Information Age”</b> <b>MODERATORS: Gretchen Purcell Jackson, MD, PhD &amp; Benedict Nwomeh, MD, MPH</b> <b>PANELISTS: Karen Devon, MD, MSc, Sabha Ganai, MD, PhD &amp; Niraj Gusani, MD</b>	CHOPIN 1- 4
	<b>LEARNING OBJECTIVES</b> At the conclusion of this session, participants will be able to: <ul style="list-style-type: none"> <li>• Identify areas and settings where patient confidentiality and privacy may be compromised though new online and digital content including Facebook, Instagram, texting digital images.</li> <li>• Formulate strategies to protect patients and use online content in a fair and ethical manner.</li> <li>• Recognize critical aspects of the global information age where guidelines and standards have yet to be created and patient’s interests require protection.</li> </ul>	
9:00AM - 1:30PM	<b>Exhibit Hall Open</b>	ENCORE 2
9:00AM - 9:30AM	<b>Morning Break in Exhibit Area</b>	ENCORE 2
9:00AM - 10:30AM	<b>AAS and SUS Research Awards</b> <b>PRESENTED BY: Justin Dimick, MD, MPH, Caprice Greenberg, MD, MPH, Dev Desai, MD, PhD &amp; Kasper Wang, MD</b>	BEETHOVEN 1, 2
10:30AM - 12:00PM	<b>GLOBAL SURGERY:</b> <b>“Launching of Disease Control Priorities Third Edition (DCP3)”</b> <b>MODERATORS: Mamta Swaroop, MD &amp; Susan Orloff, MD</b> <b>SPEAKERS: Haile T. Debas, MD, Susan Orloff, MD, Charles Mock, MD, Tom Weiser, MD, MPH, Benedict Nwomeh, MD, Dean Jamison, MD, Purvi Parikh, MD &amp; Steve Bickler, MD, DTM&amp;H</b>	ENCORE 5
	<b>LEARNING OBJECTIVES</b> At the conclusion of this session, participants will be able to: <ul style="list-style-type: none"> <li>• Articulate existing and effective platforms for delivery of Trauma Care worldwide.</li> <li>• Identify strategic initiatives for Global Surgical Quality and Safety.</li> <li>• Demonstrate an understanding of the Economics in the Provision in Essential Surgery.</li> <li>• Relate the value of research in Global Surgery and convey current priorities in this research.</li> </ul>	

TUESDAY

WEDNESDAY

THURSDAY

11:00AM - 12:00PM

## Education Plenary

### EDUCATION: EDUCATION PLENARY

CHOPIN 1 - 4

**MODERATORS: Jacob A. Greenberg, MD, EdM, Adil H. Haider, MD, MPH, & Muneera R. Kapadia, MD**

**57.01. A Novel System for Supplemental Funding of Surgical Graduate Medical Education.** M. R. Dimon<sup>1</sup>, B. H. Ahmed<sup>1</sup>, P. Pieper<sup>1</sup>, B. Burns<sup>1</sup>, J. J. Tepas<sup>1</sup> <sup>1</sup>University Of Florida College Of Medicine - Jacksonville, General Surgery, Jacksonville, FL, USA.

**57.02. Impact of the 80-Hour Work-Week Reform on Postoperative Adverse Events in Teaching Hospitals.** P. Kougas<sup>1,2,3</sup>, S. Sharath<sup>1</sup>, D. Ramsey<sup>3</sup>, N. R. Barshes<sup>1,2,3</sup>, G. Pisimisis<sup>1,2</sup>, D. H. Berger<sup>2,3</sup> <sup>1</sup>Baylor College Of Medicine, Division Of Vascular Surgery, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA<sup>3</sup>Michael E. DeBakey VA Medical Center, Center For Innovations In Quality, Effectiveness And Safety, Houston, TX, USA.

**57.03. Resident over- and under-recording of duty hours:**

**Results from a national, multi-center survey.** C. Thiessen<sup>1</sup>, L. S. Lehmann<sup>3</sup>, M. J. Erlendson<sup>5</sup>, F. G. Javier<sup>6</sup>, L. A. Skrip<sup>2</sup>, M. R. Mercurio<sup>4</sup>, K. A. Davis<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA<sup>2</sup>Yale School Of Public Health, Department Of Epidemiology Of Microbial Diseases, New Haven, CT, USA<sup>3</sup>Brigham And Women's Hospital, Department Of Medicine, Boston, MA, USA<sup>4</sup>Yale University School Of Medicine, Department Of Pediatrics, New Haven, CT, USA<sup>5</sup>Yale University School Of Medicine, New Haven, CT, USA.

**57.04. Motion Analysis for Microsurgical Training: Objective Measures of Dexterity, Economy of Movement and Ability.** R. B. McGoldrick<sup>1</sup>, C. Davis<sup>1</sup>, J. Paro<sup>1</sup>, K. Hui<sup>1</sup>, D. Nguyen<sup>1</sup>, G. K. Lee<sup>1</sup>

<sup>1</sup>Stanford University, Plastic And Reconstructive Surgery, Palo Alto, CA, USA.

12:00PM - 1:30PM

## Conference Luncheon

ENCORE 2 OR CHOPIN PATIO

OR

12:00PM - 1:30PM

### **HOT TOPIC SESSION: "Funding for GME in AMCs – A Proposed Model for the Evolving Health Care Environment"**

BEETHOVEN 1

**MODERATORS: Chandrakanth Are, MBBS, FRCS & David W. Mercer, MD, FACS**

**SPEAKERS: Jeffrey P. Gold, MD, William Dinsmoor, MD, Michael Wadman, MD & Chandrakanth Are, MBBS, FRCS**

#### **LEARNING OBJECTIVES:**

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

- Develop an understanding of the current status of funding for graduate medical education.
- Recognize issues associated with maintaining sustainable funding streams for graduate medical education.
- Be appraised of what the future holds for funding of graduate medical education
- Compare and apply the novel funding model for graduate medical education at their campus.

OR

12:00PM - 1:30PM

### **EDUCATION COMMITTEE SESSION:**

BEETHOVEN 2

#### **"Educating the Surgeon in Practice: Coaching, Collaboratives, and Social Media"**

**MODERATORS: Muneer Kapadia, MD & Adil Haider, MD, MPH**

**SPEAKERS: Margo Shoup, MD, Caprice Greenberg, MD, MPH, Brian Jacob, MD, Michael J. Englesbe, MD and Carla M. Pugh, MD, PhD**

#### **LEARNING OBJECTIVES:**

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

- Articulate challenges with continuing medical education.
- Apply surgical coaching strategies in the operating room.
- Demonstrate the importance of surgical collaboratives.
- Illustrate the benefits of social media regarding surgeon education.

#### **WELCOME AND INTRODUCTIONS**

The American Board of Surgery Perspective – Margo Shoup, MD

The American College of Surgeons Perspective – Carla Pugh, MD, PhD

Surgical Coaching – Caprice Greenberg, MD, MPH

Surgical Collaboratives - The Michigan Experience – Mike Englesbe, MD

Social Media as a Means for Education - The International Hernia Collaborative – Brian Jacob, MD

Panel Discussion

1:30PM - 3:00PM

## Integrated Quick Shot Session II

### BASIC/TRANSLATION: CANCER BIOLOGY 3

ENCORE 4

**MODERATORS: Eugene Kim, MD & Rebekah White, MD**

**58.01. Enhanced Chemosensitivity of Ovarian Cancer Cells via EZH2 Knockdown and Down-regulation of mTOR.** R. B. Batchu<sup>1,2</sup>, O. V. Gruzdyn<sup>1,2</sup>, A. M. Qazi<sup>1,2</sup>, J. Kaur<sup>1,2</sup>, P. Konka<sup>1,2</sup>, D. W. Weaver<sup>1</sup>, S. A. Gruber<sup>1,2</sup> <sup>1</sup>Wayne State University, Surgery, Detroit, MI, USA<sup>2</sup>John D. Dingell VA Medical Center, Detroit, MI, USA.

**58.02. SPATA20 Expression is Associated with Rectal Cancer Pathologic Response to Neoadjuvant Chemoradiation.** L. C. Duraes<sup>1,2</sup>, G. Gantt<sup>1,2</sup>, J. DeVecchio<sup>2</sup>, A. Mace<sup>1,2</sup>, G. Karagkounis<sup>1,2</sup>, L. Thai<sup>1,2</sup>, M. F. Kalady<sup>1,2</sup> <sup>1</sup>Cleveland Clinic, Colorectal Department, Cleveland, OH, USA<sup>2</sup>Cleveland Clinic, Department Of Stem Cell Biology And Regenerative Medicine - Lerner Research Institute, Cleveland, OH, USA.

**58.03. The Clonal Evolution of Metastatic Colorectal Cancer.** J. G. Grossman<sup>1</sup>, C. Maher<sup>2,4</sup>, B. S. White<sup>2,4</sup>, A. C. Lockhart<sup>3,4</sup>, T. Fleming<sup>1,3</sup>, K. Lim<sup>3,4</sup>, B. Goetz<sup>3</sup>, E. Pittman<sup>1</sup>, S. M. Strassberg<sup>1,3</sup>, D. C. Linehan<sup>1,3</sup>, W. Hawkins<sup>1,3</sup>, S. P. Goedegebuure<sup>1,3</sup>, E. Mardis<sup>2,5</sup>, R. K. Wilson<sup>2,3,5</sup>, T. Ley<sup>2,4,5</sup>, R. C. Fields<sup>1,3</sup> <sup>1</sup>Washington University, Department Of General Surgery, St. Louis, MO, USA<sup>2</sup>Washington University, The Genome Institute, Saint Louis, MO, USA<sup>3</sup>Alvin J. Siteman Cancer Center, Saint Louis, MO, USA<sup>4</sup>Washington University, Department Of Medicine, Oncology Division, Saint Louis, MO, USA<sup>5</sup>Washington University, Department Of Genetics, Saint Louis, MO, USA.

**58.04. NPTX2 Downregulation is Associated with Sensitivity to Chemoradiation in Rectal Cancer.** G. Karagkounis<sup>1,2</sup>, J. DeVecchio<sup>2</sup>, L. Thai<sup>1,2</sup>, L. C. Duraes<sup>1,2</sup>, G. A. Gantt<sup>1,2</sup>, M. F. Kalady<sup>1,2</sup> <sup>1</sup>Cleveland Clinic, Colorectal Surgery, Cleveland, OH, USA<sup>2</sup>Cleveland Clinic, Stem Cell Biology And Regenerative Medicine, Cleveland, OH, USA.

**58.05. The H1047R Mutation in p110 Alpha Increases Filopodia Formation of Human Colon HCT116 Cancer Cells.** A. Rajput<sup>1</sup>, G. Wan<sup>1</sup>, A. Rajput<sup>1</sup> <sup>1</sup>University Of New Mexico HSC, Surgical Oncology/Surgery, Albuquerque, NM, USA.

**58.06. Conditional Mouse Model of Colon Cancer Using Adenoviral Delivery with Murine Colonoscopy.** J. W. Harris<sup>1</sup>, P. Rychahou<sup>1</sup>, M. Evers<sup>1</sup> <sup>1</sup>University Of Kentucky, Department Of General Surgery, Lexington, KY, USA.

**58.07. Validating Novel p53-Derived Anti-Cancer Peptide Activity Against a Human Colon Cancer Cell Line.** M. F. Shaikh<sup>1</sup>, B. Babcock<sup>1</sup>, E. Gleeson<sup>1</sup>, K. Davitt<sup>1</sup>, P. Love<sup>1</sup>, A. Desai<sup>1</sup>, D. Zimmerman<sup>1</sup>, M. R. Pincus<sup>2</sup>, W. B. Bowne<sup>1</sup> <sup>1</sup>Drexel University College Of Medicine, Philadelphia, Pa, USA<sup>2</sup>New York Harbor Healthcare System VAMC, New York, NY, USA.

**58.08. Improvements to a Murine Colon Cancer Model for Cancer Progression and the Tumor Microenvironment.** K. P. Terracina<sup>1</sup>, T. Aoyagi<sup>3</sup>, W. Huang<sup>1</sup>, A. Yamada<sup>4</sup>, M. Naga-hashii<sup>2</sup>, K. Takabe<sup>1</sup> <sup>1</sup>Virginia Commonwealth University, Surgical Oncology, Richmond, VA, USA<sup>2</sup>Nigata University, Surgery, Nigata, Japan<sup>3</sup>Chiba University, Surgery, Chiba, Japan<sup>4</sup>Yokohama City University, Surgery, Yokohama, Japan.

**58.09. Establishment of a Xenogenic Model of Hepatic Oligo- and Polymetastases of Colorectal Cancer.** G. Oshima<sup>1,2</sup>, S. C. Wightman<sup>1</sup>, A. Uppal<sup>1</sup>, J. Oskevarek<sup>2</sup>, M. Stack<sup>1</sup>, X. Huang<sup>2</sup>, T. E. Darga<sup>2</sup>, M. C. Posner<sup>1</sup>, N. Khodarev<sup>2</sup>, R. R. Weichselbaum<sup>2</sup> <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA<sup>2</sup>University Of Chicago, Department Of Radiation & Cellular Oncology, Ludwig Center For Metastasis Research, Chicago, IL, USA.

**58.10. CD44 is Associated with Pathologic Response after Neoadjuvant Chemoradiation in Rectal Cancer.** L. Thai<sup>1,2</sup>, J. DeVecchio<sup>2</sup>, G. Karagkounis<sup>1,2</sup>, L. C. Duraes<sup>1,2</sup>, A. Mace<sup>1,2</sup>, G. Gantt<sup>1,2</sup>, K. F. Matthew<sup>1,2</sup> <sup>1</sup>Cleveland Clinic, Colorectal Surgery, Digestive Disease Institute, Cleveland, OH, USA<sup>2</sup>Cleveland Clinic, Department Of Stem Cell And Regenerative Medicine, Cleveland, OH, USA.

**58.11. BMP signaling within glioblastoma mediates GSC quiescence and treatment resistance.** S. Das<sup>1,2</sup>, M. Wu<sup>2</sup>, M. Srikanth<sup>6,7</sup>, H. Kim<sup>4</sup>, A. Celebre<sup>2</sup>, D. Brat<sup>5</sup>, J. Kessler<sup>6</sup>, J. Karamchandani<sup>2,3</sup>, M. Bredel<sup>5</sup> <sup>1</sup>St. Michael's Hospital, University Of Toronto, Neurosurgery/ Surgery, Toronto, ON, Canada<sup>2</sup>Ann And Arthur Labatt Brain Tumour Centre, Hospital For Sick Kids, Cell Biology, Toronto, ON, Canada<sup>3</sup>Montreal Neurological Institute, Laboratory Medicine, Montreal, QC, Canada<sup>4</sup>University Of Alabama, Radiation Oncology, Birmingham, Alabama, USA<sup>5</sup>Emory University School Of Medicine, Pathology, Atlanta, GA, USA<sup>6</sup>Northwestern University, Chicago, IL, USA<sup>7</sup>Harvard School Of Medicine, Brookline, MA, USA.

**58.12. A novel steroidal lactone targets head and neck cancer stem cells blocking migration and EMT.** P. T. White<sup>1</sup>, C. Subramanian<sup>1</sup>, P. T. Grogan<sup>1</sup>, E. Brandes<sup>1</sup>, H. Zhang<sup>2</sup>, R. Gallagher<sup>2</sup>, B. N. Timmermann<sup>2</sup>, M. S. Cohen<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Kansas, Department Of Medicinal Chemistry, Lawrence, KS, USA.

**58.13. Evaluating the activity of Tasquinimod (ABR-215050) in head and neck squamous cell carcinoma (HNSCC).** M. B. Burch<sup>1</sup>, J. M. Warram<sup>1</sup>, N. G. Patel<sup>1</sup>, T. M. Zimmermann<sup>2</sup>, E. L. Rosenthal<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Division Of Otolaryngology, Department Of Surgery, Birmingham, AL, USA<sup>2</sup>Mayo Clinic, Department Of Otorhinolaryngology, Rochester, MN, USA.

**58.15. Antioxidant Inhibition Of Steady-State Reactive Oxygen Species And Cell Growth In Neuroblastoma.** B. T. Craig<sup>1</sup>, Y. Zhu<sup>2</sup>, E. J. Rellinger<sup>1</sup>, D. R. Gius<sup>2</sup>, J. Qiao<sup>2</sup>, D. H. Chung<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA<sup>2</sup>Northwestern University, Radiation Oncology, Chicago, IL, USA.

**58.16. Rhodiola Crenulata Extract Alters HIF-1 Activity in Neuroblastoma.** K. E. Wong<sup>2,4</sup>, M. C. Mora<sup>2,4</sup>, S. S. Schneider<sup>4</sup>, K. P. Moriarty<sup>1</sup>, R. B. Arenas<sup>2,4</sup>, M. V. Tirabassi<sup>1</sup> <sup>1</sup>Baystate Children's Hospital, Department Of Pediatric Surgery, Springfield, MA, USA<sup>2</sup>Baystate Medical Center, Department Of Surgery, Springfield, MA, USA<sup>4</sup>Pioneer Valley Life Sciences Institute, Springfield, MA, USA.

**58.17. The Macrophage Inhibitor CNI-1493 Prevents Ewing's Sarcoma Tumor Cell Extravasation.** A. J. Hesketh<sup>1,2,3</sup>, C. A. Behr<sup>1,2,4</sup>, M. Edelman<sup>1,4</sup>, R. D. Glick<sup>1,4</sup>, Y. J. Al-Abed<sup>2,3</sup>, M. J. Symons<sup>2,3</sup>, B. M. Steinberg<sup>2,3,4</sup>, S. Z. Soffer<sup>1,2,4</sup> <sup>1</sup>Cohen Children's Medical Center, Division Of Pediatric Surgery, New Hyde Park, NY, USA<sup>2</sup>Feinstein Institute For Medical Research, Manhasset, NY, USA<sup>3</sup>Elmehzi Graduate School Of Molecular Medicine, Manhasset, NY, USA<sup>4</sup>Hofstra North Shore-LIJ School Of Medicine, Hempstead, NY, USA.

**58.18. Evaluating Glycogen Synthase Kinase-3 isoforms as a Therapeutic target in Neuroblastoma.** M. Balamurugan<sup>1</sup>, S. Kunnimalaiyaan<sup>1</sup>, T. C. Gambin<sup>1</sup>, M. Kunnimalaiyaan<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Division Of Surgical Oncology, Milwaukee, WI, USA.

**58.19. Inhibition of Metastasis With Celecoxib in Ewing Sarcoma is Not Dependent on Beta-catenin Signaling.** C. Behr<sup>1,2,3</sup>, A. Hesketh<sup>1,2</sup>, B. Steinberg<sup>1</sup>, M. Symons<sup>1</sup>, S. Soffer<sup>1,2,3</sup> <sup>1</sup>The Feinstein Institute For Medical Research, Manhasset, NY, USA<sup>2</sup>Cohen Children's Medical Center, Division Of Pediatric Surgery, New Hyde Park, NY, USA<sup>3</sup>Hofstra North Shore - LIJ School Of Medicine, Hempstead, NY, USA.

**58.20. Anti-Cancer Activity of a p53-Derived Peptide in a Colon Cancer Peritoneal Carcinomatosis Model.** B. D. Babcock<sup>1</sup>, M. F. Shaikh<sup>1</sup>, K. Davitt<sup>1</sup>, Y. Piazza<sup>2</sup>, T. Meckmongkol<sup>1</sup>, V. Purohit<sup>1</sup>, R. Patel<sup>1</sup>, M. Estioko<sup>1</sup>, E. Gleeson<sup>1</sup>, M. R. Pincus<sup>2</sup>, W. B. Bowne<sup>1</sup> <sup>1</sup>Drexel University College Of Medicine, Surgery, Philadelphia, Pa, USA<sup>2</sup>Drexel University College Of Medicine, Pathology, Philadelphia, Pa, USA<sup>3</sup>New York Harbor Healthcare System VAMC, Pathology, New York, NY, USA.

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### BASIC/TRANSLATION: WOUND HEALING & FIBROSIS

ENCORE 6

#### MODERATORS: Hermann P. Lorenz, MD & Nick Tsihlis, BA, PhD

**59.01. Enhanced Anti-fibrosis Effects of Novel Oridonin Derivative CYD0682 for Hepatic Fibrosis In Vitro.** F. J. Bohanon<sup>1</sup>, X. Wang<sup>1</sup>, B. M. Graham<sup>1</sup>, C. Ding<sup>2</sup>, Y. Ding<sup>2</sup>, C. Rastellini<sup>1</sup>, J. Zhou<sup>2</sup>, R. S. Radhakrishnan<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA<sup>2</sup>University Of Texas Medical Branch, Pharmacology And Toxicology, Galveston, TX, USA.

**59.02. Luteolin Attenuates Fibrogenesis and Affects the Cell Cycle in Activated Hepatic Stellate Cells.** A. J. Kandathiparampil<sup>1</sup>, X. Wang<sup>1</sup>, F. J. Bohanon<sup>1</sup>, C. Rastellini<sup>1</sup>, J. Zhou<sup>2</sup>, R. S. Radhakrishnan<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Surgery, Galveston, TX, USA<sup>2</sup>University Of Texas Medical Branch, Pharmacology And Toxicology, Galveston, TX, USA.

**59.03. Immunostimulatory Peptide Biomaterials as Scaffolds for Defect Repair.** Y. Vigneswaran<sup>1</sup>, H. Han<sup>1</sup>, J. Handley<sup>1</sup>, T. Sun<sup>1</sup>, J. Collier<sup>1</sup> <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA.

**59.04. Activation of HIF by small molecule inhibitors of PHD2 accelerates wound healing in vivo.** M. S. Hu<sup>1,2</sup>, W. Hong<sup>1</sup>, M. Xie<sup>3</sup>, S. Tang<sup>3</sup>, R. Rennert<sup>1</sup>, G. Walmsley<sup>1</sup>, Z. Maan<sup>1</sup>, A. Zimmermann<sup>1</sup>, G. Gurtner<sup>1</sup>, A. Giaccia<sup>4</sup>, H. P. Lorenz<sup>1</sup>, S. Ding<sup>3</sup>, M. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA<sup>2</sup>University Of Hawaii, Surgery, Honolulu, HI, USA<sup>3</sup>University Of California - San Francisco, Gladstone Institutes, San Francisco, CA, USA<sup>4</sup>Stanford University, Radiation Oncology, Palo Alto, CA, USA.

**59.06. Bile Acid-Induced Modulation of Intestinal Cell Proliferation is Regulated by FXR and EGFR Signaling.** A. Y. Dossa<sup>1</sup>, A. Roberts<sup>1</sup>, H. R. Ford<sup>1</sup>, M. R. Frey<sup>1</sup>, C. P. Gayer<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA.

**59.07. Reducing Adult Scar Formation Through Targeted Inhibition of an Embryonic Fibroblast Lineage.** G. G. Walmsley<sup>1,2</sup>, Y. Rinkevich<sup>2</sup>, M. S. Hu<sup>1</sup>, Z. N. Maan<sup>1</sup>, J. M. Tsai<sup>2</sup>, D. Duscher<sup>1</sup>, E. R. Zielins<sup>1</sup>, D. D. Lo<sup>1</sup>, G. C. Gurtner<sup>1</sup>, H. P. Lorenz<sup>1</sup>, I. L. Weissman<sup>2</sup>, M. T. Longaker<sup>1,2</sup> <sup>1</sup>Stanford University School Of Medicine, Department Of Surgery, Division Of Plastic & Reconstructive Surgery, Stanford, CA, USA<sup>2</sup>Stanford University School Of Medicine, Institute For Stem Cell Biology And Regenerative Medicine, Stanford, CA, USA.

**59.08. Bile composition affects diclofenac induced anastomotic leak rates in rats.** S. Yauw<sup>1</sup>, R. Lomme<sup>1</sup>, H. Van Goor<sup>1</sup> <sup>1</sup>Radboud University Medical Center, Department of Surgery, Nijmegen, Gelderland, Netherlands.

**59.09. Stromal-derived factor-1 (SDF-1) Treatment of Diabetic Wounds Decreases NOX-2 Expression.** S. Deeney<sup>1,2</sup>, C. Zgheib<sup>1,2</sup>, J. Xu<sup>1,2</sup>, J. Hu<sup>1,2</sup>, T. M. Crombleholme<sup>1,2</sup>, K. W. Liechty<sup>1,2</sup> <sup>1</sup>University Of Colorado Denver, Center For Fetal And Regenerative Biology, Aurora, CO, USA<sup>2</sup>Children's Hospital Colorado, Department Of Surgery, Aurora, CO, USA.

**59.10. Autologous Platelet-Rich Plasma (PRP) Augments Ventral Hernia Repair with Polyester Mesh in Rats.** J. L. Van Eps<sup>1,2</sup>, J. S. Fernandez-Moure<sup>1,2</sup>, F. J. Cabrera<sup>2</sup>, A. Chaudhry<sup>7</sup>, S. Shajudeen<sup>7</sup>, R. Righetti<sup>7</sup>, W. Ellsworth<sup>1,3</sup>, B. J. Dunkin<sup>1,4,5</sup>, E. Tasciotti<sup>2</sup>, B. K. Weiner<sup>2,5,6</sup> <sup>1</sup>Houston Methodist Hospital, Department Of Surgery, Houston, TX, USA<sup>2</sup>Houston Methodist Research Institute, Department Of Nanomedicine, Surgical Advanced Technology Lab, Houston, TX, USA<sup>3</sup>Houston Methodist Hospital, Department Of Surgery, Division Of Plastic Surgery, Houston, TX, USA<sup>4</sup>Houston Methodist Research Institute, Methodist Institute For Technology, Innovation And Education (MITIE), Houston, TX, USA<sup>5</sup>Weill Cornell Medical College, New York, NY, USA<sup>6</sup>Houston Methodist Hospital, Department Of Orthopedics & Sports Medicine, Houston, TX, USA<sup>7</sup>Texas A & M University, Department Of Electrical & Computer Engineering, College Station, TX, USA.

**59.11. Synthetic Resorbable vs. Cellulose Bandage for Minor Hemorrhage in a Porcine Model.** U. R. Yanala<sup>1,2</sup>, S. Noriega<sup>3</sup>, R. Spretz<sup>3</sup>, J. Ragusa<sup>3</sup>, L. Nunez<sup>3</sup>, G. Larsen<sup>3,4</sup>, M. A. Carlson<sup>1,2</sup> <sup>1</sup>University Of Nebraska Medical Center, Surgery, Omaha, NE, USA<sup>2</sup>Veteran Affairs Medical Center, Surgery, Omaha, NE, USA<sup>3</sup>LNK Chemsolutions, Lincoln, NE, USA<sup>4</sup>University Of Nebraska, Chemical & Biomolecular Engineering, Lincoln, NE, USA.

**59.12. Need for Better Animal Experiments on Intestinal Anastomotic Healing.** S. Yauw<sup>1</sup>, K. Wever<sup>1,2</sup>, A. Hoesseini<sup>1</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, 2Systematic Review Center For Laboratory Animal Experimentation (SYRCLE), Nijmegen, Gelderland, Netherlands.

**59.13. Novel Use of Porcine Extracellular Matrix with Basement Membrane for Pilonidal Wound Care in Children.** R. M. Dorman<sup>1</sup>, K. D. Bass<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.

**59.14. Receptor-interacting Protein Kinase 3 Deficiency Delays Cutaneous Wound Healing.** A. J. Godwin<sup>1</sup>, W. Yang<sup>1,2</sup>, A. Sharma<sup>2</sup>, J. Nicastro<sup>1</sup>, G. F. Coppa<sup>1</sup>, P. Wang<sup>1,2</sup> <sup>1</sup>Hofstra North Shore-LIJ School Of Medicine, Surgery, Manhasset, NY, USA<sup>2</sup>The Feinstein Institute For Medical Research, Manhasset, NY, USA.

**59.15. Can exposure to a healthy systemic circulation improve fracture healing in diabetic mice?** R. Tevlin<sup>1,2</sup>, A. Mc Ardle<sup>1,2</sup>, E. Seo<sup>2</sup>, K. Senarath-Yapa<sup>1,2</sup>, C. Duldulao<sup>1</sup>, T. Wearda<sup>1,2</sup>, O. Marecic<sup>1,2</sup>, E. R. Zielins<sup>1</sup>, D. Atashroo<sup>1</sup>, M. S. Hu<sup>1</sup>, G. G. Walmsley<sup>1,2</sup>, S. Li<sup>1</sup>, Z. Maan<sup>1</sup>, D. C. Wan<sup>1</sup>, C. K. Chan<sup>2</sup>, G. C. Gurtner<sup>1</sup>, M. T. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Division Of Plastic Surgery, Palo Alto, CA, USA<sup>2</sup>Stanford University, Institute For Stem Cell Biology And Regenerative Medicine, Palo Alto, CA, USA.

**59.16. Simplified Prenatal Coverage of Fetal Myelomeningocele with Biosurgical Sealant in Sheep Model.** J. L. Peiro<sup>1,2</sup>, J. Orellana<sup>2</sup>, S. G. Keswani<sup>1</sup>, M. Marotta<sup>1,2</sup>, M. Aguirre<sup>2</sup>, F. Soldado<sup>2</sup>, C. G. Fontecha<sup>2</sup> <sup>1</sup>Cincinnati Children's Hospital Medical Center, The Center For Fetal, Cellular And Molecular Therapy - Pediatric Surgery Division, Cincinnati, OH, USA<sup>2</sup>Vall D'Hebron Research Institute (VHIR), Bioengineering, Orthopedics And Pediatric Surgery Group, Barcelona, BARCELONA, Spain.

**59.17. Inhibition of Heterotopic Ossification by Cox-2 Inhibitors Is Independent of BMP Receptor Signaling.** S. Agarwal<sup>1</sup>, J. Peterson<sup>1</sup>, S. Loder<sup>1</sup>, O. Eboda<sup>1</sup>, C. Brownley<sup>1</sup>, K. Ranganathan<sup>1</sup>, D. Fine<sup>1</sup>, K. Stettinichs<sup>1</sup>, A. Mohedas<sup>2</sup>, P. Yu<sup>2</sup>, S. Wang<sup>1</sup>, S. Buchman<sup>1</sup>, P. Cederna<sup>1</sup>, B. Levi<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA<sup>2</sup>Brigham And Women's Hospital, Boston, MA, USA.

**59.18. Hesperidin Accelerates Closure of Splinted Cutaneous Excisional Wounds in Mice.** A. A. Wick<sup>1</sup>, T. Lecy<sup>1</sup>, T. W. King<sup>1</sup> <sup>1</sup>University Of Wisconsin, Plastic Surgery, Madison, WI, USA.

**59.19. Raman Spectroscopy Provides a Rapid, Non-invasive Method for Identifying Calciphylaxis.** S. Agarwal<sup>1</sup>, B. Lloyd<sup>1</sup>, S. Nigwekar<sup>2</sup>, S. Loder<sup>1</sup>, K. Ranganathan<sup>1</sup>, P. Cederna<sup>1</sup>, S. Fagan<sup>2</sup>, J. Goverman<sup>2</sup>, M. Morris<sup>1</sup>, B. Levi<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA<sup>2</sup>Massachusetts General Hospital, Boston, MA, USA.

**59.20. Negative Pressure Wound Therapy in Severe Open Fractures: Complications Related to Length of Therapy.** K. A. Rezzadeh<sup>1</sup>, L. A. SEGOVIA<sup>1</sup>, A. HOKUGO<sup>1</sup>, R. Jarray<sup>1</sup> <sup>1</sup>University Of California, Los Angeles, Surgery- Plastic, Los Angeles, CA, USA.

#### MODERATORS: Edward Bahnson, MD, PhD & Raul J. Guzman, MD

**60.01. Calpain Inhibition Decreases Apoptosis In A Swine Model Of Chronic Myocardial Ischemia.** B. A. Potz<sup>1</sup>, A. A. Sabe<sup>1</sup>, N. Y. Elmadhun<sup>1</sup>, J. Feng<sup>1</sup>, Y. Lui<sup>1</sup>, H. Williams<sup>1</sup>, F. W. Sellke<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Division Of Cardiothoracic Surgery, Department Of Surgery, Providence, RI, USA.

**60.02. Right Ventricular Recovery Associated With Normalization Of SERCA2a Expression.** M. E. Bowen<sup>1</sup>, X. Liu<sup>1</sup>, S. H. McKellar<sup>1</sup> <sup>1</sup>University Of Utah, Cardiothoracic Surgery, Salt Lake City, UT, USA.

**60.03. Slit3 Knockout Mice With Congenital Diaphragmatic Hernia Show Evidence Of Right Ventricular Strain.** M. Shah<sup>1</sup>, M. Phillips<sup>1</sup>, R. Frye<sup>1</sup>, S. McLean<sup>1</sup> <sup>1</sup>University Of North Carolina - Chapel Hill, Chapel Hill, NC, USA.

**60.04. Effects of a Pulse Induced by a Continuous-Flow Cardiac Replacement Device on Vascular Permeability.** J. Feng<sup>1</sup>, W. E. Cohn<sup>2</sup>, S. M. Parnis<sup>2</sup>, R. R. Clements<sup>1</sup>, N. R. Sodha<sup>1</sup>, O. H. Frazier<sup>2</sup>, F. W. Sellke<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Surgery, Providence, RI, USA <sup>2</sup>Texas Heart Institute, Minimally Invasive Surgical Technology, Houston, TX, USA.

**60.05. 4D MR Imaging of Flow Division in a Model of Aortic Dissection.** J. Birjiniuk<sup>4</sup>, J. M. Ruddy<sup>3</sup>, E. Iffrig<sup>4</sup>, T. Henry<sup>5</sup>, B. G. Leshnower<sup>6</sup>, J. N. Oshinski<sup>4,5</sup>, D. N. Ku<sup>1</sup>, R. K. Veeraswamy<sup>2</sup> <sup>1</sup>Georgia Institute Of Technology, George W. Woodruff School Of Mechanical Engineering, Atlanta, GA, USA <sup>2</sup>Emory University School Of Medicine, Division Of Vascular Surgery And Endovascular Therapy, Department Of Surgery, Atlanta, GA, USA <sup>3</sup>Medical University Of South Carolina, Division Of Vascular Surgery, Department Of Surgery, Charleston, SC, USA <sup>4</sup>Georgia Institute Of Technology, Wallace H. Coulter Department Of Biomedical Engineering, Atlanta, GA, USA <sup>5</sup>Emory University School Of Medicine, Department Of Radiology, Atlanta, GA, USA <sup>6</sup>Emory University School Of Medicine, Division Of Cardiothoracic Surgery, Department Of Surgery, Atlanta, GA, USA.

**60.06. Matrix Gla-Protein Regulates Calcification of the Aortic Valve.** N. Venardos<sup>1</sup>, D. T. Bennett<sup>1</sup>, T. B. Reece<sup>1</sup>, M. J. Weyant<sup>1</sup>, X. Meng<sup>1</sup>, D. A. Fullerton<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Division Of Cardiothoracic Surgery/Department Of Surgery, Aurora, CO, USA.

**60.07. The Small Molecule BMP Inhibitor DMH1 Inhibits proliferation of calcifying Smooth Muscle Cells.** T. Lin<sup>1</sup>, X. Wang<sup>1</sup>, R. Guzman<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA.

**60.08. Sox18 is Upregulated in Neointima following Rat Carotid Angioplasty and is Stimulated by TGF /Smad3.** S. Franco<sup>1</sup>, X. Shi<sup>1</sup>, L. Guo<sup>1</sup>, D. Drenzo<sup>1</sup>, C. Kent<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

**60.09. MiR-155 Dysregulation is Associated with Increased Monocyte RhoA Activity in Patients with AAA.** A. T. Nguyen<sup>1</sup>, K. M. Samadzadeh<sup>1</sup>, K. C. Chun<sup>1</sup>, A. E. Rona<sup>1</sup>, A. M. Afkhami<sup>1</sup>, P. Ghosh<sup>3,4</sup>, E. S. Lee<sup>1,2,3</sup> <sup>1</sup>University Of California - Davis, Urology, Sacramento, CA, USA <sup>2</sup>VA Northern California Health Care System, Mather, CA, USA <sup>3</sup>VA Northern California Health Care System, Surgery, Mather, CA, USA <sup>4</sup>University Of California - Davis, Surgery, Sacramento, CA, USA.

**60.10. Disturbed Laminar Flow Elicits Sustained ERK5 Activation in HUVECs.** S. Y. Shalaby<sup>1</sup>, G. Chitragari<sup>1</sup>, B. J. Sumpio<sup>1</sup>, J. Kurita<sup>1</sup>, B. Sumpio<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Vascular Surgery, New Haven, CT, USA.

**60.11. Disturbed Flow Causes Degradation of YAP via Non-proteasomal Pathway.** G. Chitragari<sup>1</sup>, S. Y. Shalaby<sup>1</sup>, B. J. Sumpio<sup>1</sup>, J. Kurita<sup>1</sup>, B. E. Sumpio<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Section Of Vascular Surgery, Department Of Surgery, New Haven, CT, USA.

**60.12. The Absence of MATURE CD4+ T-lymphocytes Compromise Arteriovenous Fistula Maturation in Rats.** R. I. Vazquez-Padron<sup>1</sup>, J. C. Duque<sup>1</sup>, M. Tabbara<sup>1</sup>, L. H. Salman<sup>1</sup>, R. I. Vazquez-Padron<sup>1</sup> <sup>1</sup>University Of Miami, Vascular Surgery, Miami, FL, USA.

**60.13. Feasibility of Arteriovenous Fistula Creation After Previous Radial Artery Harvesting for Aortocoronary Bypass.** C. Rivera<sup>1</sup>, N. J. Gargiulo<sup>1</sup> <sup>1</sup>North Shore University And Long Island Jewish Medical Center, Manhasset, NY, USA.

**60.14. Time-dependent PKC- Modulation Prevents Resistin-induced Vascular Smooth Muscle Cell Dysfunction.** M. C. Zuniga<sup>2</sup>, G. Raghuraman<sup>2</sup>, W. Zhou<sup>1,2</sup> <sup>1</sup>Stanford University, Vascular Surgery, Palo Alto, CA, USA <sup>2</sup>VA Palo Alto Healthcare Systems, Surgical Services, Palo Alto, CA, USA.

**60.16. Valproic Acid Protects Endothelial Cells from Hypoxia-induced Injury.** I. Halaweish<sup>1</sup>, C. Tafatia<sup>1</sup>, M. Mohamed<sup>1</sup>, B. Liu<sup>1</sup>, W. He<sup>1</sup>, Z. Chang<sup>1</sup>, Y. Li<sup>1</sup>, H. B. Alam<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

**60.17. Viscoelastic Modeling of Human Saphenous Vein Grafts after Surgical Manipulation.** K. M. Hocking<sup>1,2</sup>, E. Wise<sup>1</sup>, B. Evans<sup>2</sup>, C. Duvall<sup>2</sup>, C. M. Brophy<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Nashville, TN, USA <sup>2</sup>Vanderbilt University Medical Center, Biomedical Engineering, Nashville, TN, USA.

**60.18. Preservation in Acidic Normal Saline Solution Decreases Saphenous Vein Viability.** E. S. Wise<sup>1</sup>, K. M. Hocking<sup>1</sup>, P. Komalavilas<sup>1,2</sup>, J. Cheung-Flynn<sup>1</sup>, C. M. Brophy<sup>1,2</sup> <sup>1</sup>Vanderbilt University Medical Center, Vascular Surgery, Nashville, TN, USA <sup>2</sup>VA TN Valley Healthcare System, Vascular Surgery, Nashville, TN, USA.

**60.19. Therapeutic Targets for Graft Survival: Hyperfibrinogenemia and Impaired Fibrinolysis in ESRD.** M. P. Chapman<sup>2,4</sup>, E. E. Moore<sup>1,2</sup>, H. B. Moore<sup>1,2</sup>, D. Burneikis<sup>2</sup>, E. Gonzalez<sup>1,2</sup>, A. Slaughter<sup>1,2</sup>, A. P. Morton<sup>2</sup>, A. Banerjee<sup>2</sup>, C. C. Silliman<sup>2,3</sup> <sup>1</sup>Denver Health Medical Center, Aurora, CO, USA <sup>2</sup>University Of Colorado Denver, Aurora, CO, USA <sup>3</sup>Children's Hospital Colorado, Aurora, CO, USA <sup>4</sup>Georgia Health Sciences University, Augusta, GA, USA.

**60.20. Comparative Analysis of Polymers for siRNA Delivery in Vascular Smooth Muscle Cells.** L. M. Bools<sup>1</sup>, D. J. Mountain<sup>1</sup>, R. K. Fisher<sup>1</sup>, S. S. Kirkpatrick<sup>1</sup>, J. D. Arnold<sup>1</sup>, S. L. Stevens<sup>1</sup>, M. H. Goldman<sup>1</sup>, M. B. Freeman<sup>1</sup>, O. H. Grandas<sup>1</sup> <sup>1</sup>University Of Tennessee Graduate School Of Medicine, Department Of Surgery, Knoxville, TN, USA.

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### BASIC/TRANSLATION: GROWTH FACTORS/RECEPTORS/SIGNAL TRANSDUCTION

BRAHMS 2

#### MODERATORS: Christopher P. Gayer, MD & Weidun A. Guo, MD, PhD

**61.01. UDCA Promotes Enterocyte Migration via Upregulation of COX-2 and Activation of the EP2 receptor.** J. Golden<sup>1</sup>, A. Dossa<sup>1</sup>, P. Kavarian<sup>1</sup>, K. Goldstein<sup>1</sup>, H. Ford<sup>1</sup>, C. Gayer<sup>1</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA.

**61.02. Intestinal Alkaline Phosphatase Alters Specific Fat Metabolism and Insulin Secretion Pathways.** M. Gharedaghi<sup>1</sup>, M. Najibi<sup>1</sup>, S. Morrison<sup>1</sup>, K. Economopoulos<sup>1</sup>, T. Phupitakphol<sup>1</sup>, S. K. Hyoju<sup>1</sup>, A. Osmani<sup>1</sup>, S. R. Hamarneh<sup>1</sup>, R. A. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA.

**61.03. EGFR Replenishment Does Not Correct Liver Regeneration in Leptin Receptor Deficient Mice.** N. Valsangkar<sup>1</sup>, X. Jin<sup>3</sup>, Z. Zhang<sup>3</sup>, T. A. Zimmers<sup>2,3</sup>, L. G. Koniaris<sup>2,3</sup> <sup>1</sup>Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA <sup>2</sup>Thomas Jefferson University, Surgery, Philadelphia, PA, USA.

**61.04. The role of luminal contents and IAP in modulating TLR-mediated pathways in a murine colitis model.** S. A. Morrison<sup>1</sup>, S. Hamarneh<sup>1</sup>, T. Tantillo<sup>1</sup>, T. Phupitakphol<sup>1</sup>, M. Gharedaghi<sup>1</sup>, K. Economopoulos<sup>1</sup>, S. Hyoju<sup>1</sup>, S. S. Gul<sup>1</sup>, M. N. Kohneshahri<sup>1</sup>, R. A. Hodin<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA.

**61.05. Cyclooxygenase-2 is Induced by Prostaglandin E2 via EP2/EP4 Receptor Activation in Enterocytes.** J. Golden<sup>1</sup>, P. Kavarian<sup>1</sup>, L. Illingworth<sup>1</sup>, J. Lim<sup>1</sup>, J. Wang<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.

**61.06. Plasma Housekeeping Gene Free For All: A Need for Standardization.** J. D. Rice<sup>1</sup>, H. Roberts<sup>1</sup>, M. R. Eichenberger<sup>1</sup>, J. Pan<sup>2</sup>, S. Rai<sup>2</sup>, S. Galandiuk<sup>1</sup> <sup>1</sup>University Of Louisville, Hiram C. Polk, Jr., MD Department Of Surgery, Louisville, KY, USA <sup>2</sup>University Of Louisville, 2Department Of Bioinformatics And Biostatistics, Louisville, KY, USA.

**61.07. SIGIRR/TIR8 Predicts Biochemical Recurrence After Prostatectomy in Low-grade Prostate Carcinomas.** T. M. Bauman<sup>1</sup>, A. J. Becka<sup>1</sup>, P. D. Sehgal<sup>1</sup>, W. Huang<sup>2</sup>, W. A. Ricke<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 Pathology And Laboratory Medicine, Madison, WI, USA.

**61.08. Curcumin-Mediated Regulation of Notch1/HES1/Survivin: Molecular Targeting in Cholangiocarcinoma.** S. T. Koprowski<sup>1</sup>, 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/ Department Of Surgery/Medical College Of Wisconsin, Milwaukee, WI, USA.

**61.09. S1P forms a feed-forward loop with the Ang2 and VEGF-C pathways in lymphangiogenesis.** L. J. Fernandez<sup>1</sup>, W. Huang<sup>1</sup>, K. P. Terracina<sup>1</sup>, A. Yamada<sup>5</sup>, T. Aoyagi<sup>3</sup>, S. Spiegel<sup>2</sup>, M. Nagahashi<sup>4</sup>, K. Takabe<sup>1,2</sup> <sup>1</sup>Virginia Commonwealth University, Surgical Oncology, Richmond, VA, USA <sup>2</sup>Virginia Commonwealth University, Biochemistry And Molecular Biology, Richmond, VA, USA <sup>3</sup>Chiba University, Surgery, Chiba, Japan <sup>4</sup>Nigata University, Digestive And General Surgery, Nigata, Japan <sup>5</sup>Yokohama City University, Surgery, Yokohama, Japan.

**61.10. Differences in Treatment-Induced Perfusion Following Flap Surgery.** T. Ramesh<sup>1</sup>, N. Patel<sup>1</sup>, G. Aaron<sup>1</sup>, J. Warram<sup>1</sup>, E. Rosenthal<sup>1</sup> <sup>1</sup>University Of Alabama At Birmingham, Department Of Surgery, Birmingham, AL, USA.

**61.11. Tumor Necrosis Factor Signaling Is Critical For Chronic Hypoxia-Conditioned Tumorigenicity.** C. V. Romain<sup>1</sup>, J. Qiao<sup>1</sup>, D. H. Chung<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA.

**61.12. Surface Marker-Based Method for Isolation of Intestinal Subepithelial Myofibroblasts.** H. A. Khalil<sup>1</sup>, N. Y. Lei<sup>1</sup>, P. Rana<sup>1</sup>, W. Nie<sup>1</sup>, J. Wang<sup>6</sup>, J. Yoo<sup>3</sup>, F. Wang<sup>2</sup>, L. Li<sup>2</sup>, M. G. Stelzner<sup>1,4</sup>, M. G. Martín<sup>6</sup>, J. C. Dunn<sup>1</sup>, M. Lewis<sup>5</sup> <sup>1</sup>University Of California - Los Angeles, Surgery, Los Angeles, CA, USA <sup>2</sup>Stowers Institute For Medical Research, Kansas City, MO, USA <sup>3</sup>Tufts Medical Center, Surgery, Boston, MA, USA <sup>4</sup>VA Greater Los Angeles Medical Center, Surgery, Los Angeles, CA, USA <sup>5</sup>VA Greater Los Angeles Medical Center, Pathology, Los Angeles, CA, USA <sup>6</sup>University Of California - Los Angeles, Pediatrics, Los Angeles, CA, USA.

**61.14. Bile Acids Lead to Induction of Intestinal Cell Death via Multiple Distinct Pathways.** A. Roberts<sup>1</sup>, S. Papillon<sup>1</sup>, A. Dossa<sup>1</sup>, M. Frey<sup>3,4,5</sup>, H. Ford<sup>1,3,5</sup>, C. Gayer<sup>1,3</sup> <sup>1</sup>Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA <sup>2</sup>University Of Southern California, Keck School Of Medicine, Los Angeles, CA, USA <sup>3</sup>University Of Southern California, Pediatrics, Los Angeles, CA, USA <sup>4</sup>Children's Hospital Los Angeles, Developmental Biology And Regenerative Medicine, Los Angeles, CA, USA.

**61.16. Oncostatin M Receptor Deficiency Protects Against Sepsis In Older Mice.** S. Y. Salim<sup>1</sup>, N. Al-Malki<sup>1</sup>, T. A. Churchill<sup>1</sup>, R. G. Khadaroo<sup>1</sup> <sup>1</sup>University Of Alberta (CA), Division Of General Surgery, Department Of Surgery, Faculty Of Medicine & Dentistry, Edmonton, ALBERTA, Canada.

**61.17. The Impact of Hemorrhagic Shock on Pituitary Function.** A. A. Haider<sup>1</sup>, P. Rhee<sup>1</sup>, V. Pandit<sup>1</sup>, N. Kulvatunyou<sup>1</sup>, B. Zangbar<sup>1</sup>, M. Mino<sup>1</sup>, A. Tang<sup>1</sup>, T. O'Keeffe<sup>1</sup>, R. Latifi<sup>1</sup>, R. S. Friese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.

**61.18. Inhibition of a Hyperactive Glucocorticoid Receptor Fragment hGR-S1(-349A) by RU486.** D. G. Greenhalgh<sup>1,2</sup>, K. Cho<sup>1,2</sup>, T. Green<sup>1</sup>, S. Leventhal<sup>1</sup>, D. Lim<sup>1</sup>, D. Greenhalgh<sup>1,2</sup> <sup>1</sup>Shriners Hospitals For Children Northern California, Burns, Sacramento, CA, USA <sup>2</sup>University Of California - Davis, Burns, Sacramento, CA, USA.

**61.19. CD13-Positive Selection of Human Adipose-Derived Stromal Cells Can Enhance Bone Formation.** A. Luan<sup>1</sup>, C. Duldulao<sup>1</sup>, A. McArdle<sup>2</sup>, K. J. Paik<sup>1</sup>, M. T. Chung<sup>1</sup>, D. A. Atashroo<sup>1</sup>, E. R. Zielins<sup>1</sup>, R. Tevlin<sup>1</sup>, K. Senarath-Yapa<sup>1</sup>, T. Wearda<sup>1</sup>, S. Menon<sup>1</sup>, S. Shailendra<sup>1</sup>, M. Lee<sup>2</sup>, G. C. Gurtner<sup>1</sup>, D. C. Wan<sup>1</sup>, M. T. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Hagey Laboratory For Pediatric Regenerative Medicine, Department Of Surgery, Plastic And Reconstructive Surgery Division, Palo Alto, CA, USA <sup>2</sup>University Of California - Los Angeles, Laboratory Of Biomaterials And Bioengineering, Division Of Advanced Prosthodontics, Department Of Bioengineering, Weintraub Center For Reconstructive Biotechnology, Los Angeles, CA, USA.

**61.20. Fat Depot Biology in Microsurgical Autologous Breast Reconstruction Following Cancer.** P. Singh<sup>1</sup>, P. Patel<sup>2</sup>, S. Fernandez<sup>2</sup>, P. Volden<sup>2</sup>, A. Spratt<sup>3</sup>, N. Jaskowiak<sup>1</sup>, M. Brady<sup>2</sup>, S. Conzen<sup>2</sup>, J. Park<sup>1</sup> <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>2</sup>University Of Chicago, Department Of Medicine, Chicago, IL, USA <sup>3</sup>University Of Chicago, The Division Of Biological Sciences, Chicago, IL, USA.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

### BASIC/TRANSLATION: IMMUNOLOGY/TRANSPLANT AND ISCHEMIA/REPERFUSION

BRAHMS 3

**MODERATORS: Ankush Gosain, MD & Greg Tiao, MD**

- 62.01. Electrical Impedance as Non-invasive Metric for the Evaluation of Organ Quality in Ex-Vivo Lung Perfusion.** D. M. Peterson<sup>1</sup>, S. M. Black<sup>3</sup>, S. Bennett<sup>3</sup>, C. Dumond<sup>3</sup>, D. Hayes<sup>2</sup>, R. S. Higgins<sup>3</sup>, B. A. Whitson<sup>3</sup> <sup>1</sup>The Ohio State University, College Of Medicine, Columbus, OH, USA<sup>2</sup>Nationwide Children's Hospital (Columbus Children's Hospital), Heart-Lung Transplant, Columbus, OH, USA<sup>3</sup>The Ohio State University Wexner Medical Center, Surgery, Columbus, OH, USA.
- 62.02. A new method to measure intestinal secretion using FITC-Inulin in small bowel of rats.** A. Munoz-Abraham<sup>1</sup>, G. Torres-Valencia<sup>1</sup>, T. Alfadda<sup>1</sup>, C. Jasinski<sup>1</sup>, R. Patron-Lozano<sup>1</sup>, M. I. Rodriguez-Davalos<sup>1</sup>, J. P. Geibel<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery - Transplant, New Haven, CT, USA.
- 62.03. Green Plasma Has a Superior Hemostatic Profile Compared with Standard Color Plasma.** B. A. Cotton<sup>1</sup>, J. C. Cardenas<sup>1</sup>, E. Hartwell<sup>1</sup>, C. E. Wade<sup>1</sup>, J. B. Holcomb<sup>1</sup>, N. Matijevic<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Acute Care Surgery/ Surgery, Houston, TX, USA.
- 62.04. Carnosol and Derivatives have Potential as Novel Organ Protective Agents.** T. KAWAMURA<sup>1,2</sup>, T. MOMO-ZANE<sup>1,2</sup>, S. FUNAKI<sup>1</sup>, Y. SHINTANI<sup>1</sup>, M. INOUE<sup>1</sup>, M. MINAMI<sup>1</sup>, K. SUGIMURA<sup>2</sup>, O. IIDA<sup>2</sup>, H. FUCHINO<sup>2</sup>, N. KAWAHARA<sup>2</sup>, H. TAKE-MORI<sup>2</sup>, M. OKUMURA<sup>1</sup> <sup>1</sup>Osaka University Graduate School Of Medicine, General Thoracic Surgery, Suita, OSAKA, Japan<sup>2</sup>National Institute Of Biomedical Innovation, Ibaraki, OSAKA, Japan.
- 62.05. Ex-vivo Normothermic Perfusion (EVNP) to Assess and Repair Kidney Ischemia-Reperfusion Injury.** I. Palma<sup>1</sup>, J. Woloszyn<sup>1</sup>, R. Abbott<sup>1</sup>, Y. Smolin<sup>1</sup>, R. Ramsamooj<sup>2</sup>, N. Tran<sup>2</sup>, C. Santhanakrishnan<sup>1</sup>, R. V. Perez<sup>1</sup> <sup>1</sup>University Of California - Davis, Surgery, Sacramento, CA, USA<sup>2</sup>University Of California - Davis, Pathology And Laboratory Medicine, Sacramento, CA, USA.
- 62.06. Relationship of Calcium Sensing and Angiotensin Receptors in the Small Bowel of Mice.** R. Patron-Lozano<sup>1</sup>, M. I. Rodriguez-Davalos<sup>1,2</sup>, A. Munoz-Abraham<sup>2</sup>, J. P. Geibel<sup>1,2</sup> <sup>1</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA<sup>2</sup>Yale University School Of Medicine, Transplantation/Surgery, New Haven, CT, USA.
- 62.07. Innate lymphoid cells in critical illness: is interleukin-33 (IL-33) a potential marker of sepsis?** T. T. Chun<sup>1</sup>, D. S. Heffernan<sup>1</sup>, N. Hutchins<sup>1</sup>, W. G. Cioffi<sup>1</sup>, C. Chung<sup>1</sup>, A. Ayala<sup>1</sup> <sup>1</sup>Brown University School Of Medicine, Surgery, Providence, RI, USA.
- 62.08. Warm Ischemia-Reperfusion Injury Causes Epithelial to Mesenchymal Transformation in Human Cholangiocytes.** J. Zhang<sup>1</sup>, N. Singh<sup>1</sup>, W. A. Dorsett-Martin<sup>1</sup>, C. D. Anderson<sup>1</sup>, T. M. Earl<sup>1</sup> <sup>1</sup>University Of Mississippi, Division Of Transplant And Hepatobiliary Surgery, Department Of Surgery, Jackson, MS, USA.
- 62.09. Angiotensin Receptors In The Small Bowel Of Rats: A Novel Target For Hypertension.** R. Patron-Lozano<sup>2</sup>, M. I. Rodriguez-Davalos<sup>1</sup>, A. Munoz-Abraham<sup>1</sup>, J. P. Geibel<sup>1,2</sup> <sup>1</sup>Yale University School Of Medicine, Transplantation/Surgery, New Haven, CT, USA<sup>2</sup>Yale University School Of Medicine, Surgery, New Haven, CT, USA.
- 62.10. Donor Plasma Effects On Platelet Function.** A. G. Grand<sup>1</sup>, J. C. Cardenas<sup>1</sup>, L. Baer<sup>1</sup>, N. Matijevic<sup>1</sup>, B. A. Cotton<sup>1</sup>, J. B. Holcomb<sup>1</sup>, C. E. Wade<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Surgery, Houston, TX, USA.
- 62.11. Current and Future Approaches to the Proteomic Analysis of Traumatic Coagulopathy.** C. C. McCoy<sup>1</sup>, E. Benrashid<sup>1</sup>, M. L. Shapiro<sup>1</sup>, S. N. Vaslef<sup>1</sup>, J. H. Lawson<sup>1</sup> <sup>1</sup>Duke University Medical Center, Department Of Surgery, Durham, NC, USA.
- 62.12. Choice of Induction Immunosuppression Influences Net Benefit of Transplant in Pancreas Subcategories.** D. J. Taraskiewicz<sup>1</sup>, D. J. Taber<sup>1</sup>, S. Nadig<sup>1</sup>, J. McGillicuddy<sup>1</sup>, K. D. Chavin<sup>1</sup>, P. K. Baliga<sup>1</sup>, C. F. Bratton<sup>1</sup> <sup>1</sup>Medical University Of South Carolina, Charleston, SC, USA.
- 62.13. Normothermic Extracorporeal Liver Perfusion for Extended Criteria Livers.** B. Banan<sup>1</sup>, H. Chung<sup>1</sup>, Z. Xiao<sup>1</sup>, Y. Tarabishy<sup>1</sup>, P. Manning<sup>2</sup>, D. McGraw<sup>2</sup>, G. Upadhyay<sup>1</sup>, T. Mohanakumar<sup>1</sup>, Y. Lin<sup>1</sup>, W. C. Chapman<sup>1</sup> <sup>1</sup>Washington University School Of Medicine In St. Louis, Transplant/Surgery/Medicine, St. Louis, MO, USA<sup>2</sup>Vasculox, Inc, St. Louis, MO, USA.
- 62.14. Complete Thymectomy in Adult Rats with Non-invasive Endotracheal Intubation.** V. R. Rendell<sup>3</sup>, J. Lin<sup>2</sup>, M. L. Markert<sup>2</sup>, T. V. Brennan<sup>1</sup> <sup>1</sup>Duke University Medical Center, Surgery, Durham, NC, USA<sup>2</sup>Duke University Medical Center, Pediatrics, Durham, NC, USA<sup>3</sup>Duke University Medical Center, Medicine, Durham, NC, USA.
- 62.16. Small Intestine Microbiota Is Altered In Short Bowel Syndrome in the Zebrafish.** K. A. Schall<sup>1</sup>, J. W. Debelius<sup>3</sup>, K. A. Holoyda<sup>1</sup>, R. Knight<sup>3</sup>, T. C. Grikscheit<sup>1,2</sup> <sup>2</sup>Keck School Of Medicine, Los Angeles, CA, USA<sup>3</sup>University Of Colorado Boulder, Department Of Chemistry And Biochemistry, Boulder, CO, USA<sup>1</sup>Children's Hospital Los Angeles, Department Of Pediatric Surgery, Los Angeles, CA, USA.
- 62.19. TRPA1 Mediates the Effects of Hypothermia on the Monocyte Inflammatory Response.** N. J. Galbraith<sup>1</sup>, A. T. Billeter<sup>1</sup>, C. Lawson<sup>1</sup>, J. D. Rice<sup>1</sup>, H. C. Polk<sup>1</sup> <sup>1</sup>University Of Louisville, Hiram C. Polk Jr MD Department Of Surgery, Louisville, KY, USA.
- 62.20. Characterizing Myeloid-derived Suppressor Cells by Expression of LIGHT and its Cognate Receptors.** J. F. Calata<sup>1</sup>, S. Jayaraman<sup>1</sup>, B. S. Prabhakar<sup>1</sup>, A. V. Maker<sup>1</sup> <sup>1</sup>University Of Illinois At Chicago, Chicago, IL, USA.

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### BASIC AND CLINICAL: NOVEL THERAPEUTICS AND GLOBAL SURGERY

ENCORE 7

#### MODERATORS: Piero M. Fisichella, MD & Edward Soltesz, MD

**63.01. Screening of Novel Synthesized Analogues Targeting Histone Deacetylase in Aggressive Thyroid Cancers.** S. Jang<sup>1</sup>, X. Yu<sup>1</sup>, S. K. Odorico<sup>1</sup>, M. Clark<sup>1</sup>, C. Schienebeck<sup>2</sup>, W. Tang<sup>2</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Wisconsin, Department Of Surgery, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Department Of Chemistry, Madison, WI, USA.

**63.02. A Dynamic Model of In-Vitro Thrombogenicity Testing for Heart Valves.** M. R. Helder<sup>1</sup>, B. Tefft<sup>2</sup>, R. Hennessy<sup>2</sup>, C. D. Koch<sup>4</sup>, D. B. Spoon<sup>2</sup>, R. D. Simari<sup>3</sup>, A. Lerman<sup>2</sup> <sup>1</sup>Mayo Clinic, Cardiovascular Surgery, Rochester, MN, USA<sup>2</sup>Mayo Clinic, Cardiovascular Diseases, Rochester, MN, USA<sup>3</sup>University Of Kansas, School Of Medicine, Kansas City, KS, USA<sup>4</sup>Mayo Clinic, Clinical Core Laboratory Services, Rochester, MN, USA.

**63.03. Mechanisms of Erythropoietin-Mediated Neuroprotection Following Spinal Cord Ischemia Reperfusion.** L. S. Foley<sup>1</sup>, J. Mares<sup>1</sup>, F. Puskas<sup>1</sup>, M. T. Bell<sup>1</sup>, D. T. Bennett<sup>1</sup>, K. Freeman<sup>1</sup>, M. Weyant<sup>1</sup>, D. A. Fullerton<sup>1</sup>, T. B. Reece<sup>1</sup> <sup>1</sup>University Of Colorado Denver, Surgery/Cardiothoracic, Aurora, CO, USA.

**63.04. Assessment of Swab and Biopsy Sampling Methods for Vocal Fold Microbiota Studies.** S. Tadayon<sup>1</sup>, A. Hanshaw<sup>1</sup>, S. Thibeault<sup>1</sup> <sup>1</sup>University Of Wisconsin, Madison, WI, USA.

**63.05. Nanofiber Mesh Scaffolding for Recreation of the Abdominal Wall in a Laboratory Rat.** R. Restrepo<sup>1,2</sup>, B. Hoagland<sup>1</sup>, J. Stephenson<sup>1,2</sup> <sup>1</sup>Naval Medical Center Portsmouth, Portsmouth, VA, USA<sup>2</sup>Uniformed Services University, Bethesda, MD, USA.

**63.06. A Histomorphometric Analysis of an Isogenic Model of Irradiated Distraction Osteogenesis.** Y. Polyatskaya<sup>1</sup>, S. Deshpande<sup>1</sup>, A. Donneys<sup>1</sup>, S. Kang<sup>1</sup>, N. Nelson<sup>1</sup>, S. Deshpande<sup>1</sup>, P. Felice<sup>1</sup>, S. Buchman<sup>1</sup> <sup>1</sup>University Of Michigan, Plastic Surgery, Ann Arbor, MI, USA.

**63.07. Targeting KRAS in Pancreatic Cancer Using a Novel Method of Gene Silencing: U1 Adaptors.** A. T. Tsang<sup>1,2</sup>, X. Yu<sup>1</sup>, R. Goraczniak<sup>3</sup>, M. Brennenman<sup>1,5</sup>, S. Gunderson<sup>3,5</sup>, D. R. Carpio<sup>1,2,4</sup> <sup>1</sup>Rutgers University, Department Of Pharmacology, Piscataway, NJ, USA<sup>2</sup>Silagene Inc., Hillsborough, NJ, USA<sup>3</sup>Cancer Institute Of New Jersey, Division Of Surgical Oncology, New Brunswick, NJ, USA<sup>4</sup>Robert Wood Johnson - Rutgers, Department Of Surgery, New Brunswick, NJ, USA<sup>5</sup>Rutgers University, Department Of Molecular Biology And Biochemistry, Piscataway, NJ, USA.

**63.08. Examining the pathogenesis of pouchitis using a tissue-realistic computational model: SEGMENT\_HPC.** C. Cockrell<sup>1</sup>, S. Christley<sup>1</sup>, E. Chang<sup>2</sup>, G. An<sup>1</sup> <sup>1</sup>University Of Chicago, Surgery, Chicago, IL, USA<sup>2</sup>University Of Chicago, Medicine/Gastroenterology, Chicago, IL, USA.

**63.09. Memory T cell infiltration in hepatic colorectal adenocarcinoma metastases.** J. V. Meyers<sup>1</sup>, S. Sen<sup>1</sup>, A. J. Tatar<sup>1</sup>, A. Contreras<sup>1</sup>, P. Srinand<sup>1</sup>, C. S. Cho<sup>1</sup> <sup>1</sup>University Of Wisconsin, Section Of Surgical Oncology, Madison, WI, USA.

**63.10. Progenitor Rescue Model for the Investigation of Vascular Restenosis.** B. W. Tillman<sup>1</sup>, T. D. Richards<sup>1</sup>, V. S. Donnenberg<sup>2</sup> <sup>1</sup>University Of Pittsburgh Medical Center, Division Of Vascular/Department Of Surgery, Pittsburgh, PA, USA<sup>2</sup>University Of Pittsburgh Medical Center, Department Of Cardiothoracic Surgery, Pittsburgh, PA, USA.

**63.11. Alum Pretreatment Enhances Protective Immunity and Improves Survival in Neonatal Polymicrobial Sepsis.** S. D. Larson<sup>1</sup>, A. L. Cuenca<sup>1</sup>, B. E. Szpila<sup>2</sup>, B. Mathias<sup>1</sup>, A. G. Cuenca<sup>2</sup>, L. F. Gentile<sup>2</sup>, P. A. Efron<sup>2</sup>, L. L. Moldawer<sup>2</sup> <sup>1</sup>University Of Florida, Pediatric Surgery, Department Of Surgery, UF College Of Medicine, Gainesville, FL, USA<sup>2</sup>University Of Florida, Department Of Surgery, UF College Of Medicine, Gainesville, FL, USA.

**63.13. Pilot Survey to Assess the Burden of Surgical Conditions in a Peri-Urban District in Uganda.** E. K. Butler<sup>1</sup>, T. Tran<sup>2</sup>, A. Fuller<sup>2,3</sup>, F. Makumbi<sup>5</sup>, S. Luboga<sup>7</sup>, S. Kisakye<sup>5</sup>, M. Haglund<sup>2,9</sup>, J. Chipman<sup>10</sup>, M. Galukande<sup>11</sup> <sup>1</sup>University Of Minnesota, Medical School, Minneapolis, MN, USA<sup>2</sup>Duke University Medical Center, Global Health Institute, Durham, NC, USA<sup>3</sup>Duke University Medical Center, Medical School, Durham, NC, USA<sup>4</sup>Makerere University, School Of Public

Health, Kampala, Uganda<sup>7</sup>Makerere University, Department Of Anatomy, Kampala, Uganda<sup>9</sup>Duke University Medical Center, Division Of Neurosurgery, Durham, NC, USA<sup>10</sup>University Of Minnesota, Department Of Surgery, Minneapolis, MN, USA<sup>11</sup>Makerere University, Department Of Surgery, Kampala, Uganda.

**63.14. Free Care Is Not Enough: Patient Navigation Increases Access to Surgical Care in Rural Haiti.** A. C. Matousek<sup>1,3</sup>, J. Denike<sup>2</sup>, S. R. Addington<sup>1</sup>, C. Exe<sup>2</sup>, R. R. Jean-Louis<sup>2</sup>, J. G. Meara<sup>3</sup>, R. Riviello<sup>1,3</sup> <sup>1</sup>Brigham And Women's Hospital, The Center For Surgery And Public Health, Boston, MA, USA<sup>2</sup>Hospital Albert Schweitzer, Deschanelles, ARTIBONITE, Haiti<sup>3</sup>Harvard Medical School, Program In Global Surgery And Social Change, Department Of Global Health And Social Medicine, Boston, MA, USA.

**63.15. The Struggle for Equity: An Examination of Surgical Services at Two NGO Hospitals in Rural Haiti.** A. C. Matousek<sup>1,4</sup>, S. R. Addington<sup>1</sup>, R. R. Jean Louis<sup>2</sup>, J. Hamilton Pierre<sup>3</sup>, J. Fils<sup>4</sup>, M. Hoyer<sup>4</sup>, S. B. Matousek<sup>1,5</sup>, J. Pyda<sup>4</sup>, P. Farmer<sup>4</sup>, J. G. Meara<sup>4</sup>, R. Riviello<sup>1,4</sup> <sup>1</sup>Brigham And Women's Hospital, The Center For Surgery And Public Health, Boston, MA, USA<sup>2</sup>Hospital Albert Schweitzer, Surgery, Deschanelles, ARTIBONITE, Haiti<sup>3</sup>Hospital Bon Sauveur, Zanmi Lasante, Cange, CENTRAL, Haiti<sup>4</sup>Harvard Medical School, Program in Global Surgery And Social Change, Department Of Global Health And Social Medicine, Boston, MA, USA<sup>5</sup>Boston University School Of Public Health, Department Of Health Policy And Management, Boston, MA, USA.

**63.16. The Impact Factor of Social Media: Lessons from The Lancet Commission on Global Surgery.** J. N. Riese<sup>1,2,6</sup>, J. S. Ng-Kamstra<sup>2,3,6</sup>, S. L. Greenberg<sup>2,4,6</sup>, N. P. Raykar<sup>2,5,6</sup>, J. G. Meara<sup>2,6</sup> <sup>1</sup>Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA<sup>2</sup>Children's Hospital Boston, Department Of Plastic And Oral Surgery, Boston, MA, USA<sup>3</sup>University Of Toronto, Department Of Surgery, Toronto, Ontario, Canada<sup>4</sup>Medical College Of Wisconsin, Department Of Surgery, Milwaukee, WI, USA<sup>5</sup>Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA<sup>6</sup>Harvard School Of Medicine, Program In Global Surgery And Social Change, Brookline, MA, USA.

**63.17. Informed Consent for Surgical Missions in the Developing World: The Patient Perspective.** C. D. Sutton<sup>1</sup>, J. D. Sharma<sup>2</sup>, G. C. Lynde<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Anesthesiology, Atlanta, GA, USA<sup>2</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA.

**63.18. Factors Associated with Patient Delay to Surgical Presentation in Cameroon.** C. Long<sup>1</sup>, T. T. Ngwa<sup>2</sup>, E. K. Lawong<sup>2</sup>, J. A. Brown<sup>2</sup>, S. M. Wren<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA<sup>2</sup>Mbingo Baptist Hospital, Mbingo, NORTH-WEST, Cameroon.

**63.19. Evaluation of Indications and Outcomes of Surgical Transfers at Three District Hospitals in Rwanda.** R. G. Maine<sup>1,2,3,4</sup>, C. Habiakare<sup>10</sup>, T. Nkurunziza<sup>5</sup>, A. Hategekimana<sup>8</sup>, P. Mizero<sup>8</sup>, W. Ndayambaje<sup>5</sup>, E. Nsengiyumva<sup>6</sup>, J. Havugimana<sup>9</sup>, J. Nigilimana<sup>9</sup>, J. Uwimungu<sup>5</sup>, J. Meara<sup>2,3</sup>, G. Ntakiyiruta<sup>6,7</sup>, J. Mubili<sup>5,9</sup>, R. Riviello<sup>1,2,7</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, Program In Global Surgery And Social Change, Brookline, MA, USA<sup>3</sup>Boston Children's Hospital, Plastic And Oral Surgery, Boston, MA, USA<sup>4</sup>University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA<sup>5</sup>Inshuti Mu Buzima (Partners In Health), Kigali, Rwanda<sup>6</sup>University Of Rwanda, School Of Medicine, Kigali, Rwanda<sup>7</sup>Central Teaching Hospital Of Kigali, Department Of Surgery, Kigali, Rwanda<sup>8</sup>Rwinkwavu Hospital, Kayanza, Rwanda<sup>9</sup>Butare Hospital, Butaro, Rwanda<sup>10</sup>Kirehe Hospital, Kirehe, Rwanda.

**63.20. Utilizing Technology to Connect Educational Initiatives across the World.** M. Swaroop<sup>1</sup>, E. Yang<sup>4</sup>, C. T. Richards<sup>3</sup>, M. Schuller<sup>1</sup>, S. Krishnaswami<sup>4</sup> <sup>1</sup>Northwestern University, Trauma And Critical Care, Chicago, IL, USA<sup>2</sup>Northwestern University, Emergency Medicine, Chicago, IL, USA<sup>3</sup>Oregon Health And Science University, Pediatric Surgery, Portland, OR, USA.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

### OUTCOMES: CLINICAL RESEARCH - GENERAL SURGERY 2

ENCORE 8

### MODERATORS: Stefanos Millas, MD & Purvi Y. Parikh, MD

- 64.01. Anastomotic Leak After Closure of Loop Ileostomy vs. Small Bowel Resection.** J. Chen<sup>1</sup>, D. T. Huynh<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.
- 64.02. Design and Experimental Evaluation of an Anti-Leak Feeding Tube.** L. G. Gutwein<sup>1</sup>, R. Helmig<sup>2</sup>, L. G. Gutwein<sup>1</sup>  
<sup>1</sup>Indiana University School Of Medicine, Plastic & Reconstructive Surgery, Indianapolis, IN, USA<sup>2</sup>University Of Florida, Gainesville, FL, USA.
- 64.03. Laparoscopic Pedicled Omental Flap for Extraperitoneal Revascularization.** M. Bruzoni<sup>1</sup>, G. Steinberg<sup>2</sup>, S. Dutta<sup>1</sup>  
<sup>1</sup>Stanford University School Of Medicine, Pediatric Surgery, Stanford, CA, USA<sup>2</sup>Stanford University School Of Medicine, Neurosurgery, Stanford, CA, USA.
- 64.04. Submucosal Gastric Tumors: Efficacy of a Combined Endoscopic and Laparoscopic Approach.** A. C. Pysher<sup>1</sup>, R. C. Langan<sup>1</sup>, S. Ram<sup>1</sup>, S. Morales<sup>1</sup>, R. S. Jackson<sup>1</sup>, R. Jha<sup>2</sup>, N. Haddad<sup>2</sup>, F. Al-Kawas<sup>2</sup>, J. Carroll<sup>2</sup>, P. G. Jackson<sup>1</sup>  
<sup>1</sup>MedStar Georgetown University Hospital, Department Of General Surgery, Washington, DC, USA<sup>2</sup>MedStar Georgetown University Hospital, Division Of Gastroenterology, Washington, DC, USA<sup>3</sup>MedStar Georgetown University Hospital, Department Of Radiology, Washington, DC, USA.
- 64.05. Use of Gastric Ultrasound to Evaluate for Distension in the Post Operative Patient: A Pilot Study.** W. Boyan<sup>1</sup>, M. Jaronczyk<sup>1</sup>, M. Goldfarb<sup>1</sup>  
<sup>1</sup>Monmouth Medical, Long Branch, NJ, USA.
- 64.06. Laparoscopic Gastropexy for Large Paraesophageal Hiatal Hernia.** A. D. Newton<sup>1</sup>, G. Savulionyte<sup>1</sup>, K. R. Dumon<sup>1</sup>, D. T. Dempsey<sup>1</sup>  
<sup>1</sup>Hospital Of The University Of Pennsylvania, Surgery, Philadelphia, PA, USA.
- 64.07. What Does the Excised Stomach from Sleeve Gastrectomy Tell Us?** M. Lauti<sup>1</sup>, J. M. Thomas<sup>1</sup>, J. J. Morrow<sup>1</sup>, H. Rahman<sup>1</sup>, A. D. McCormick<sup>1</sup>  
<sup>1</sup>Middlemore Hospital, University Of Auckland, Auckland, Auckland, New Zealand.
- 64.08. Intraoperative Assessment to Select Segmental Resection vs. Local Excision for Colonic Endometriosis.** H. R. Zahir<sup>1</sup>, S. G. Devlin<sup>1</sup>, B. E. Ebert<sup>1</sup>, M. A. Benenati<sup>1</sup>, R. Marvel<sup>1</sup>, A. Park<sup>1</sup>, I. Belyansky<sup>1</sup>  
<sup>1</sup>Anne Arundel Medical Center, Surgery, Annapolis, MD, USA.
- 64.09. Is surgical resection justified for advanced intrahepatic cholangiocarcinoma?** T. Yoh<sup>1</sup>, E. Hatano<sup>1</sup>, K. Yamanaka<sup>1</sup>, S. Satoru<sup>1</sup>, T. Nitta<sup>1</sup>, S. Uemoto<sup>1</sup>  
<sup>1</sup>Kyoto University, Division Of Hepatobiliary Pancreatic Surgery And Transplantation, Department Of Surgery, Graduate School Of Medicine, Kyoto University, Kyoto, KYOTO, Japan.
- 64.10. Current Trends in FFP Transfusion & VTE Prophylaxis Following Hepatectomy: A Survey Analysis.** J. N. Leal<sup>1</sup>, T. P. Kingham<sup>1</sup>, P. J. Allen<sup>1</sup>, R. P. DeMatteo<sup>1</sup>, W. R. Jarnagin<sup>1</sup>, M. I. D'Angelica<sup>1</sup>  
<sup>1</sup>Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA.
- 64.11. Patterns of Care Among Patients Undergoing Hepatic Resection: A Query of the NSQIP Database.** G. Spolverato<sup>1</sup>, A. Ejaz<sup>1</sup>, Y. Kim<sup>1</sup>, B. L. Hall<sup>2</sup>, K. Bilimoria<sup>3</sup>, M. Cohen<sup>4</sup>, C. Ko<sup>5</sup>, H. Pitt<sup>6</sup>, T. M. Pawlik<sup>1</sup>  
<sup>2</sup>Washington University, Department Of Surgery, St. Louis, MISSOURI, USA<sup>3</sup>Northwestern University, Department Of Surgery, Chicago, ILLINOIS, USA<sup>4</sup>American College Of Surgeons, Chicago, ILLINOIS, USA<sup>5</sup>University Of California Los Angeles, Los Angeles, CALIFORNIA, USA<sup>6</sup>Temple University Health Systems, Philadelphia, PENNSYLVANIA, USA<sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.
- 64.12. Severe acute pancreatitis in the community: confusion reigns.** M. M. Dua<sup>1</sup>, D. Worhunsky<sup>1</sup>, R. Rumma<sup>1</sup>, T. Tran<sup>1</sup>, K. Hwa<sup>1</sup>, G. Poultides<sup>1</sup>, J. Norton<sup>1</sup>, B. Visser<sup>1</sup>  
<sup>1</sup>Stanford University School Of Medicine, Surgery, Stanford, CA, USA.
- 64.13. Outcome Of Abdominal And Colorectal Surgery In Patients With Left Ventricular Assistant Devices.** A. A. Asban<sup>1</sup>, M. Traa<sup>1</sup>, J. Yoo<sup>1</sup>, N. Melnitchouk<sup>1</sup>  
<sup>1</sup>Tufts Medical Center, Colorectal/ Surgery, Boston, MA, USA.
- 64.15. Early Experience Quantifying Perfusion Time after Colectomy Using Endoscopic Fluorescence Imaging.** C. Moore<sup>1</sup>, J. S. Turner<sup>1</sup>, C. E. Clark<sup>1</sup>  
<sup>1</sup>Morehouse School Of Medicine, Department Of Surgery, Atlanta, GA, USA.
- 64.16. Emergency Upper GI Surgery in the United States: Burden of Disease and Ten-year trend - 2001-2010.** J. S. Crystal<sup>1</sup>, V. Y. Dombrovskiy<sup>1</sup>, S. C. Gale<sup>1,2</sup>  
<sup>1</sup>Robert Wood Johnson - Rutgers, Surgery, New Brunswick, NJ, USA<sup>2</sup>East Texas Medical Center, Surgery, Tyler, TX, USA.
- 64.17. Prospective Analysis of Mortality in Non-Trauma Patients Managed With Open Abdomen.** S. Ahmad<sup>4</sup>, L. O'Meara<sup>3</sup>, E. Klyushnenkova<sup>2</sup>, T. M. Scalea<sup>2,3</sup>, J. Diaz<sup>2,3</sup>, B. R. Bruns<sup>2,3</sup>  
<sup>1</sup>University Of Maryland School Of Medicine, Surgery, Baltimore, MD, USA<sup>3</sup>R. Adams Cowley Shock Trauma Center, Surgery, Baltimore, MD, USA<sup>4</sup>University Of Maryland, Department Of Surgery, Baltimore, MD, USA.
- 64.18. Continuous topical irrigation improves delayed primary fascial closure of open septic abdomen.** Q. TAO<sup>1</sup>, J. Ren<sup>2</sup>, B. Wang<sup>1</sup>, Y. Zheng<sup>1</sup>, J. Li<sup>2</sup>  
<sup>1</sup>Affiliated Zhongda Hospital, Southeast University, General Surgery, Nanjing, JIANGSU, China<sup>2</sup>Jinling Hospital, Nanjing University, General Surgery, Nanjing, JIANGSU, China.
- 64.19. Change in Functional Status and Quality of Life in Elders Admitted to an Acute Care Surgery Service.** L. M. Warkentin<sup>1</sup>, T. F. Ali<sup>1</sup>, S. Gazala<sup>1</sup>, A. S. Wagg<sup>2</sup>, R. S. Padwal<sup>3</sup>, R. G. Khadaroo<sup>1</sup>  
<sup>2</sup>University Of Alberta, Division Of Geriatric Medicine, Edmonton, ALBERTA, Canada<sup>3</sup>University Of Alberta, Division Of General Internal Medicine, Edmonton, ALBERTA, Canada<sup>1</sup>University Of Alberta, Department Of Surgery, Edmonton, ALBERTA, Canada.
- 64.20. Kidney-specific Morphomic Factors are Associated with AKI after Major General Surgery Operations.** J. Li<sup>1</sup>, E. Chang<sup>1</sup>, N. C. Wang<sup>1</sup>, D. Cron<sup>1</sup>, P. Zhang<sup>1</sup>, S. C. Wang<sup>1</sup>  
<sup>1</sup>University Of Michigan, Ann Arbor, MI, USA.

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### OUTCOMES: CLINICAL RESEARCH - CARDIOTHORACIC

BRAHMS 4

#### MODERATORS: Mustafa Cikirikcioglu, MD, PhD & Hitoshi Hirose, MD, PhD

##### 65.01. Risks and Outcomes after Delirium following Cardiac

**Surgery: Analysis from a National Database.** J. Idrees<sup>1</sup>, N. Schiltz<sup>1</sup>, E. E. Roselli<sup>1</sup>, A. Badjatiya<sup>1</sup>, D. Johnston<sup>1</sup>, E. G. Soltész<sup>1</sup>  
<sup>1</sup>Cleveland Clinic Foundation, Thoracic And Cardiovascular Surgery, Cleveland, OH, USA.

##### 65.02. Comparing TAVI with Conventional AVR; First Experiences

**at the Liverpool Heart and Chest Hospital.** R. E. Robinson<sup>1</sup>, T. Theologou<sup>1</sup>, M. Field<sup>1</sup>, R. Stables<sup>1</sup>, O. Al-Rawi<sup>1</sup>, M. Kudu-valli<sup>1</sup>, A. Oo<sup>1</sup>  
<sup>1</sup>Liverpool Heart And Chest Hospital, Cardiothoracic Surgery, Liverpool, MERSEYSIDE, United Kingdom.

##### 65.03. Simplifying Decisions With a New Risk Model for Cardiac

**Extracorporeal Membrane Oxygenation (ECMO).** G. Peigh<sup>1</sup>, H. T. Pitcher<sup>1</sup>, N. Cavarocchi<sup>1</sup>, H. Hirose<sup>1</sup>  
<sup>1</sup>Thomas Jefferson University, Philadelphia, PA, USA.

##### 65.05. Thoracoscopic Ablation of Persistent Atrial Fibrillation

**on the Beating Heart.** A. Muehle<sup>1</sup>, D. Chou<sup>1</sup>, M. D. Te Winkel<sup>1</sup>, A. Khoynzhad<sup>1</sup>  
<sup>1</sup>Cedars-Sinai Medical Center, Cardiothoracic Surgery, Los Angeles, CA, USA.

##### 65.06. CHA2DS2-VASc Score is a Highly-Sensitive Predictor

**of Postoperative Atrial Fibrillation.** R. Kashani<sup>1</sup>, S. Sareh<sup>1</sup>, K. Yefsky<sup>1</sup>, C. Hershey<sup>1</sup>, C. Rezendes<sup>1</sup>, N. Satou<sup>1</sup>, B. Genovese<sup>1</sup>, R. 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 Cardiothoracic Surgery, Los Angeles, CA, USA.

##### 65.08. Atrial Fibrillation in Patients Undergoing Esophagectomy:

**Surrogate for Anastomotic Dehiscence?** M. thau<sup>2</sup>, S. Hoffe<sup>2</sup>, R. Shridhar<sup>2</sup>, K. Almhanna<sup>3</sup>, A. Salem<sup>1</sup>, A. Abbott<sup>3</sup>, m. doepker<sup>3</sup>, K. Meredith<sup>1</sup>  
<sup>1</sup>University Of Wisconsin, Surgical Oncology, Madison, WI, USA<sup>2</sup>Moffitt Cancer Center And Research Institute, Radiation Oncology, Tampa, FL, USA<sup>3</sup>Moffitt Cancer Center And Research Institute, Gastrointestinal Oncology, Tampa, FL, USA.

##### 65.09. Periodontal Disease Does Not Correlate with Worse

**Outcomes after Esophagectomy.** W. B. Weir<sup>1</sup>, K. M. Thompson<sup>1</sup>, C. Garaicoa-Pazmino<sup>2</sup>, C. Tsai<sup>2</sup>, J. Lin<sup>1</sup>, P. Carrott<sup>1</sup>, W. Lynch<sup>1</sup>, M. Orringer<sup>1</sup>, A. Chang<sup>1</sup>, J. Fenno<sup>2</sup>, Y. Kapilla<sup>2</sup>, R. M. Reddy<sup>1</sup>  
<sup>1</sup>University Of Michigan Health System, Department Of Surgery, Section Of Thoracic Surgery, Ann Arbor, MI, USA<sup>2</sup>University Of Michigan School Of Dentistry, Division Of Periodontics, Department Of Periodontics And Oral Medicine, Ann Arbor, MI, USA.

##### 65.10. The Effect of Postoperative Atrial Fibrillation on Hospital

**Course in RATS Lobectomy.** E. P. Ng<sup>1</sup>, F. O. Velez-Cubian<sup>1,2</sup>, M. Echavarria<sup>1</sup>, C. Moodie<sup>2</sup>, J. Garrett<sup>2</sup>, J. Fontaine<sup>2</sup>, L. Robinson<sup>2</sup>, E. Toloza<sup>1,2</sup>  
<sup>1</sup>University Of South Florida College Of Medicine, Tampa, FL, USA<sup>2</sup>Moffitt Cancer Center And Research Institute, Tampa, FL, USA.

##### 65.11. Intra-operative Factors affects Incidence of Postoperative

**Atrial Fibrillation in RATS Lobectomy.** E. P. Ng<sup>1</sup>, F. O. Velez-Cubian<sup>1</sup>, M. Echavarria<sup>1</sup>, C. Moodie<sup>2</sup>, J. Garrett<sup>2</sup>, J. Fontaine<sup>2</sup>, L. Robinson<sup>2</sup>, E. Toloza<sup>1,2</sup>  
<sup>1</sup>University Of South Florida College Of Medicine, Tampa, FL, USA<sup>2</sup>Moffitt Cancer Center And Research Institute, Tampa, FL, USA.

##### 65.12. Post-Operative Outcomes with Cholecystectomy in Lung

**Transplant Recipients.** S. Taghavi<sup>1</sup>, S. Jayarajan<sup>1</sup>, V. Ambur<sup>1</sup>, J. Gaughan<sup>1</sup>, Y. Toyoda<sup>1</sup>, E. Dauer<sup>1</sup>, L. Sjolholm<sup>1</sup>, A. Pathak<sup>1</sup>, T. Santora<sup>1</sup>, A. Goldberg<sup>1</sup>, J. Rappold<sup>1</sup>  
<sup>1</sup>Temple University School Of Medicine, Department Of Surgery, Philadelphia, PA, USA.

##### 65.13. Impact of Cardiac Interventions on Graft and Overall

**Survival In Abdominal Transplant Recipients.** E. W. Beal<sup>1</sup>, S. Bennett<sup>1</sup>, N. Jaik<sup>1</sup>, G. Phillips<sup>2</sup>, S. Black<sup>1,4</sup>, T. Pesavento<sup>3,4</sup>, R. Higgins<sup>1,4</sup>, B. Whitson<sup>1,4</sup>  
<sup>1</sup>Ohio State University, The Department Of General Surgery, Columbus, OH, USA<sup>2</sup>Ohio State University, Center For Biostatistics, Columbus, OH, USA<sup>3</sup>Ohio State University, Department Of Internal Medicine, Columbus, OH, USA<sup>4</sup>Ohio State University, Comprehensive Transplant Center, Columbus, OH, USA.

##### 65.14. Comparing Open Gastrostomy to Percutaneous Endo-

**scopic Gastrostomy Tube in Heart Transplant Patients.** V. Ambur<sup>1</sup>, S. Taghavi<sup>1</sup>, S. Jayarajan<sup>1</sup>, J. Gaughan<sup>1</sup>, Y. Toyoda<sup>1</sup>, E. Dauer<sup>1</sup>, L. Sjolholm<sup>1</sup>, A. Pathak<sup>1</sup>, T. Santora<sup>1</sup>, J. Rappold<sup>1</sup>, A. Goldberg<sup>1</sup>  
<sup>1</sup>Temple University, Department Of Surgery, Philadelphia, PA, USA.

##### 65.15. Comparing Open Gastrostomy Tube to PEG Tube in Lung

**Transplant Patients.** S. Taghavi<sup>1</sup>, V. Ambur<sup>1</sup>, S. Jayarajan<sup>1</sup>, J. Gaughan<sup>1</sup>, Y. Toyoda<sup>1</sup>, E. Dauer<sup>1</sup>, L. Sjolholm<sup>1</sup>, A. Pathak<sup>1</sup>, T. Santora<sup>1</sup>, J. Rappold<sup>1</sup>, A. Goldberg<sup>1</sup>  
<sup>1</sup>Temple University School Of Medicine, Department Of Surgery, Philadelphia, PA, USA.

##### 65.16. A Novel Approach to Renal Protection in Open Thora-

**coabdominal Aortic Aneurysm Repair.** S. M. Mitchell<sup>1</sup>, C. Mavroudis<sup>1</sup>, P. Amin<sup>1</sup>, J. Frazier<sup>1</sup>, M. Bakhos<sup>1</sup>, K. Sawicki<sup>1</sup>, P. Carmignani<sup>1</sup>, J. Schwartz<sup>1</sup>  
<sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Department Of Thoracic And Cardiovascular Surgery, Maywood, IL, USA.

##### 65.17. The Utility of Esophageal Stents in Management of Post-

**operative Esophageal Leaks and Perforations.** R. Riccardi<sup>1,2</sup>, C. Nyberg<sup>1,2</sup>, R. S. Chamberlain<sup>1,2,3</sup>  
<sup>1</sup>St. George's University School Of Medicine, St. George's, St. George's, Grenada<sup>2</sup>Saint Barnabas Medical Center, Livingston, NJ, USA<sup>3</sup>New Jersey Medical School, Newark, NJ, USA.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

### OUTCOMES: CLINICAL RESEARCH - TRANSPLANT AND VASCULAR

CHOPIN 1

### MODERATORS: Andrew Hoel, MD & Grayson Wheatley, MD

- 66.01. National incidence, mortality, and cost of CABG in renal transplant recipients in the US.** J. E. Tooley<sup>1</sup>, D. D. Bohl<sup>1</sup>, S. Kulkarni<sup>1</sup>, M. I. Rodriguez-Davalos<sup>1</sup>, S. Emre<sup>1</sup>, D. C. Mulligan<sup>1</sup>, P. S. Yoo<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Transplant Surgery, New Haven, CT, USA.
- 66.04. Successful Post-operative Nutritional Management in Lung Transplant Patients with Systemic Sclerosis.** A. D'Angelo<sup>1</sup>, D. Odell<sup>1</sup>, N. Shigemura<sup>1</sup>, C. Bermudez<sup>1</sup>, T. Richards<sup>1</sup>, M. Crespo<sup>1</sup>, J. Pilewski<sup>1</sup>, J. Luketich<sup>1</sup>, J. D'Cunha<sup>1</sup> <sup>1</sup>University Of Pittsburgh, Pittsburgh, PA, USA.
- 66.06. Increased Risk of Vascular Thrombosis in Pediatric Liver Transplant Recipients with Thrombophilia.** D. J. Cha<sup>1</sup>, E. J. Alfrey<sup>3,4</sup>, D. M. Desai<sup>1,2</sup>, C. S. Hwang<sup>1,2</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Division Of Surgical Transplantation/Department Of Surgery, Dallas, TX, USA<sup>2</sup>Children's Medical Center, Division Of Pediatric Transplantation, Dallas, Tx, USA<sup>3</sup>Marin General Hospital, Department Of General Surgery, Larkspur, CA, USA<sup>4</sup>Prima Medical Group, Larkspur, CA, USA.
- 66.07. A Multidisciplinary Team Approach to End Stage Dialysis Access Patients.** C. Kensinger<sup>1</sup>, M. Nichols<sup>2</sup>, P. Bream<sup>2</sup>, D. Moore<sup>1</sup> <sup>1</sup>Vanderbilt University Medical Center, Department Of General Surgery, Nashville, TN, USA<sup>2</sup>Vanderbilt University Medical Center, Department Of Radiology And Radiological Sciences, Division Of Interventional And Vascular Radiology, Nashville, TN, USA.
- 66.08. Surgical Outcomes on Pediatric Liver Transplantation.** M. I. Rodriguez-Davalos<sup>1</sup>, A. Munoz-Abraham<sup>1</sup>, S. Torres-Landa<sup>1</sup>, J. E. Tooley<sup>1</sup>, S. Albuquerque<sup>1</sup>, P. S. Yoo<sup>1</sup>, U. D. Ekong<sup>1</sup>, S. H. Emre<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Surgery/Transplantation, New Haven, CT, USA.
- 66.09. Superior Outcomes of Chinese Americans After Kidney Transplantation.** F. Karipineni<sup>1</sup>, A. Parsikia<sup>1</sup>, M. Shaikh<sup>1</sup>, J. Ortiz<sup>1</sup>, A. Joshi<sup>1</sup> <sup>1</sup>Albert Einstein Medical Center, Department Of Surgery, Philadelphia, PA, USA.
- 66.10. Tobacco Abuse Does not Increase Risk of Wound Infection or Hernia after Liver Transplantation..** V. A. Fleetwood<sup>2</sup>, J. Zimmermann<sup>2</sup>, J. Poirier<sup>2</sup>, M. Hertl<sup>1</sup>, E. Y. Chan<sup>1</sup> <sup>1</sup>Rush University Medical Center, Department Of General Surgery, Division Of Transplantation Surgery, Chicago, IL, USA<sup>2</sup>Rush University Medical Center, Department Of General Surgery, Chicago, IL, USA.
- 66.11. Benefits of Prophylactic Inferior Vena Cava Filters in High-Risk Bariatric Surgery Patients.** M. A. Hornick<sup>1</sup>, E. K. Lai<sup>1</sup>, N. N. Williams<sup>1</sup>, P. J. Foley<sup>1</sup>, G. J. Wang<sup>1</sup>, K. R. Dumon<sup>1</sup>, S. E. Raper<sup>1</sup>, E. Y. Woo<sup>2</sup>, R. M. Fairman<sup>1</sup>, B. M. Jackson<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA<sup>2</sup>MedStar Health, Department Of Surgery, Washington, DISTRICT OF COLUMBIA, USA.
- 66.12. Ultrasound Vascular Mapping Prior to Arteriovenous Fistula Creation Undersizes Vein Diameter.** J. J. Kim<sup>1</sup>, E. Gifford<sup>1</sup>, V. T. Nguyen<sup>1</sup>, P. Chisum<sup>1</sup>, A. Zeng<sup>1</sup>, C. DeVirgilio<sup>1</sup> <sup>1</sup>Harbor-UCLA Medical Center, Surgery, Torrance, CA, USA.
- 66.13. Metabolic Syndrome Predicts High Risk Status for Vascular Surgery.** T. R. Foster<sup>1,2</sup>, G. Kuwahara<sup>2</sup>, K. Yamamoto<sup>2</sup>, R. Assi<sup>1,2</sup>, C. D. Protack<sup>1,2</sup>, M. R. Hall<sup>1,2</sup>, W. Williams<sup>1,2</sup>, P. Vasilas<sup>1</sup>, A. Dardik<sup>1,2</sup> <sup>1</sup>VA Connecticut Healthcare System, West Haven, CT, USA<sup>2</sup>Yale University School Of Medicine, New Haven, CT, USA.
- 66.14. Peeling the Onion: Procedure Specifics in Abdominal Aortic Aneurysm Repair Related Mortality.** J. C. Iannuzzi<sup>1</sup>, F. J. Fleming<sup>1</sup>, A. Chandra<sup>2</sup>, K. Rasheed<sup>2</sup>, A. Doyle<sup>2</sup>, K. Noyes<sup>1</sup>, J. R. Monson<sup>1</sup>, M. J. Stoner<sup>2</sup> <sup>1</sup>University Of Rochester, Surgical Health Outcomes & Research Enterprise, Department Of Surgery, Rochester, NY, USA<sup>2</sup>University Of Rochester, Vascular Surgery, Rochester, NY, USA.
- 66.15. Late Mortality in Females After Endovascular Aneurysm Repair: Effect of Preoperative Aneurysm Size.** J. E. Preiss<sup>1</sup>, R. K. Veeraswamy<sup>1</sup>, Y. Duwayri<sup>1</sup>, T. F. Dodson<sup>1</sup>, A. Salam<sup>1,2</sup>, S. Arya<sup>1</sup>, S. M. Shafii<sup>1</sup>, R. Rajani<sup>1</sup>, L. P. Brewster<sup>1,2</sup> <sup>1</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA<sup>2</sup>VA Medical Center, Surgical And Research Services, Atlanta, GA, USA.
- 66.16. Endovascular Repair of Penetrating Arterial Injury at the Puerto Rico Trauma Center.** J. L. Velazquez<sup>1</sup>, P. Rodriguez<sup>1</sup>, F. Joglar<sup>1</sup> <sup>1</sup>University Of Puerto Rico School Of Medicine, Department Of Surgery, San Juan, Puerto Rico, Puerto Rico.
- 66.17. Aneurysm Development Post Open AAA Repair: Is Current Surveillance Appropriate?** K. Perera<sup>1</sup>, E. Wong<sup>1</sup> <sup>1</sup>Eastern Health, Melbourne, VICTORIA, Australia.
- 66.18. Contemporary Management of Secondary Aortoduodenal Fistula.** R. Howard<sup>1</sup>, S. Kurz<sup>1</sup>, M. Sherman<sup>1</sup>, J. Underhill<sup>1</sup>, J. L. Eliason<sup>1</sup>, D. Coleman<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery/Division Of Vascular Surgery, Ann Arbor, MI, USA.
- 66.19. Early Complications of Biologic Extracellular Matrix Patch After Use for Femoral Artery Repair.** N. Dobrilovic<sup>1,3</sup>, P. Soukas<sup>2</sup>, I. Sadiq<sup>4</sup>, J. Raman<sup>3</sup> <sup>1</sup>Brown University School Of Medicine, Cardiovascular And Thoracic Surgery, Providence, RI, USA<sup>2</sup>Brown University School Of Medicine, Cardiology, Providence, RI, USA<sup>3</sup>Rush University Medical Center, Cardiovascular And Thoracic Surgery, Chicago, IL, USA<sup>4</sup>Hartford Hospital, Cardiology, Hartford, CT, USA.
- 66.20. Incidence and Outcomes of Abdominal Aortic Aneurysm in Patients Presenting with Aortic Dissection.** R. Moridzadeh<sup>1</sup>, M. Sadek<sup>1</sup>, C. B. Rockman<sup>1</sup>, T. Maldonado<sup>1</sup>, M. A. Adelman<sup>1</sup>, F. F. Mussa<sup>1</sup> <sup>1</sup>New York University School Of Medicine, Division Of Vascular And Endovascular Surgery, New York, NY, USA.

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### OUTCOMES: CLINICAL RESEARCH - PEDIATRICS 2

CHOPIN 2

**MODERATORS: Marybeth Browne, MD & Kasper Wang, MD, FACS, FAAP**

**67.01. Long Term Outcomes of the Antegrade Colonic Enema for Stooling Dysfunction in Children.** M. Zeidan<sup>1</sup>, D. W. Kays<sup>1</sup>, J. A. Taylor<sup>1</sup>, S. Larson<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Gainesville, FL, USA.

**67.02. Outcomes of Pediatric Appendectomy Performed by "Adult" Acute Care Surgeons.** B. Pham<sup>1</sup>, B. Range<sup>3</sup>, D. S. Plurad<sup>1</sup>, S. Lee<sup>3</sup>, A. Kaji<sup>2</sup>, S. Bricker<sup>1</sup>, B. Putnam<sup>1</sup>, D. Y. Kim<sup>1</sup> <sup>1</sup>Harbor-UCLA Medical Center, Division Of Trauma/Acute Care Surgery/ Surgical Critical Care, Torrance, CA, USA<sup>2</sup>Harbor-UCLA Medical Center, Department Of Emergency Medicine, Torrance, CA, USA<sup>3</sup>Harbor-UCLA Medical Center, Department Of Surgery, Torrance, CA, USA.

**67.03. Ovarian Sparing Surgery For Benign Pediatric Ovarian Tumors.** P. I. Abbas<sup>1</sup>, J. E. Dietrich<sup>2</sup>, J. C. Francis<sup>2</sup>, M. L. Brandt<sup>1</sup>, D. L. Cass<sup>1</sup>, M. E. Lopez<sup>1</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 Obstetrics And Gynecology, Houston, TX, USA.

**67.04. Pediatric Scald Burns: Do Cooking-related Injuries Have A Higher Injury Burden?** M. Bachier<sup>1</sup>, S. E. Hammond<sup>2</sup>, T. Jones<sup>3</sup>, R. Williams<sup>1</sup>, T. Jancelewicz<sup>1</sup>, A. Feliz<sup>1</sup> <sup>1</sup>University Of Tennessee, Health Science Center, Division Of Pediatric Surgery, Memphis, TN, USA<sup>2</sup>University Of Tennessee, Health Science Center, Department Of General Surgery, Memphis, TN, USA<sup>3</sup>University Of Tennessee, Health Science Center, Departments Of Pediatrics And Preventive Medicine, Memphis, TN, USA.

**67.05. Differences in Antibiotic Utilization Based on Primary Treatment for Pediatric Empyema.** K. W. Gonzalez<sup>1</sup>, B. G. Dalton<sup>1</sup>, A. L. Myers<sup>1</sup>, J. G. Newland<sup>1</sup>, S. D. St. Peter<sup>1</sup> <sup>1</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA.

**67.06. Utility of Intraoperative Ultrasound in Resection of Pediatric Primary Liver Tumors.** A. E. Felsted<sup>1</sup>, Y. Shi<sup>1</sup>, P. M. Masand<sup>2,4</sup>, J. Goss<sup>1,5,6</sup>, J. G. Nuchtern<sup>1,3</sup>, S. A. Vasudevan<sup>1,3</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 Radiology, Houston, TX, USA<sup>3</sup>Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA<sup>4</sup>Texas Children's Hospital, Pediatric Radiology, Houston, TX, USA<sup>5</sup>Texas Children's Hospital, Transplantation Program, Houston, TX, USA<sup>6</sup>Michael E. DeBakey Veterans Affairs Medical Center, Liver Transplantation, Houston, TX, USA.

**67.07. When the Symptoms Come Back: Gastroparesis and Biliary Dyskinesia in Teenage Girls.** S. Islam<sup>1</sup>, C. D. Jolley<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Gainesville, FL, USA.

**67.08. 5, 4, 3, 2, 1: Embryological Variants of Pentalogy of Cantrell.** B. Kaul<sup>1,2</sup>, S. Cruz<sup>1</sup>, F. Sheikh<sup>1,2</sup>, I. J. Zamora<sup>1,2</sup>, A. Mehollin-Ray<sup>2,3</sup>, C. I. Cassady<sup>2,3</sup>, T. C. Lee<sup>1,2</sup>, D. L. Cass<sup>1,2</sup>, O. O. Olutoye<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 Fetal Center, Houston, TX, USA<sup>3</sup>Baylor College Of Medicine, Department Of Radiology, Houston, TX, USA.

**67.09. Thyroglossal duct cyst: does surgical specialty impact complication rates?** M. S. Arda<sup>1</sup>, G. Ortega<sup>2</sup>, V. F. Pinard<sup>2</sup>, E. Jelin<sup>1</sup>, F. Qureshi<sup>1</sup> <sup>1</sup>Children's National Medical Center, General Pediatric Surgery, Washington, DC, USA<sup>2</sup>Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA.

**67.10. Injury Patterns Associated with Pediatric Bicycle Accidents: Experience Of A Level 1 Trauma Center.** C. J. Allen<sup>2</sup>, J. Tashiro<sup>1</sup>, J. P. Meizoso<sup>2</sup>, J. J. Ray<sup>2</sup>, C. I. Schulman<sup>2</sup>, E. A. Perez<sup>1</sup>, D. Lasko<sup>1</sup>, H. L. Neville<sup>1</sup>, K. G. Proctor<sup>2</sup>, J. E. Sola<sup>1</sup> <sup>1</sup>University Of Miami, Pediatric Surgery, Miami, FL, USA<sup>2</sup>University Of Miami, Trauma And Critical Care, Miami, FL, USA.

**67.11. Emergency Department Visits and Readmissions Among Children After Gastrostomy Tube Placement.** A. Goldin<sup>2</sup>, K. Heiss<sup>3</sup>, M. Hall<sup>4</sup>, D. Rothstein<sup>5</sup>, P. Minneci<sup>6</sup>, M. Blakely<sup>7</sup>, S. Shah<sup>9</sup>, S. Rangel<sup>10</sup>, L. Berman<sup>12</sup>, C. Snyder<sup>11</sup>, C. Vinocur<sup>12</sup>, M. Browne<sup>8</sup>, M. Raval<sup>3</sup>, M. Arca<sup>13</sup> <sup>2</sup>Seattle Children's Hospital, Seattle, WA, USA<sup>3</sup>Emory University School Of Medicine, Atlanta, GA, USA<sup>4</sup>Children's Hospital Association, Overland Park, KANSAS, USA<sup>5</sup>Women And Children's Hospital Of Buffalo, Buffalo, NEW YORK, USA<sup>6</sup>Nationwide Children's Hospital, Columbus, OH, USA<sup>7</sup>Vanderbilt University Medical Center, Nashville, TN, USA<sup>8</sup>Lurie Children's Hospital, Chicago, ILLINOIS, USA<sup>9</sup>Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA<sup>10</sup>Children's Hospital Boston, Boston, MA, USA<sup>11</sup>Children's Mercy Hospital- University Of Missouri Kansas City, Kansas City, MO, USA<sup>12</sup>Nemours Alfred DuPont Hospital For Children, Wilmington, DE, USA<sup>13</sup>Children's Hospital Of Wisconsin, Milwaukee, WI, USA.

**67.12. A Review of Interval Appendectomy.** R. C. Brady<sup>2</sup>, L. S. Burkhalter<sup>1</sup>, R. I. Renkes<sup>1</sup>, R. Huang<sup>1</sup>, A. C. Alder<sup>1,2</sup> <sup>1</sup>Children's Medical Center, Division Of Pediatric Surgery/Department Of Surgery/UT Southwestern, Dallas, Tx, USA<sup>2</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA.

**67.13. Cholelithiasis in Pediatric Patients: Influence of Sickle Cell Disease and Obesity Between 2005-2009.** S. S. Satahoo<sup>1</sup>, C. I. Schulman<sup>1</sup>, J. E. Sola<sup>1</sup>, H. L. Neville<sup>1</sup> <sup>1</sup>University Of Miami, Surgery, Miami, FL, USA.

**67.14. Outcomes from Cholecystectomy in Children: Does the Type of Stone Matter?** T. Wang<sup>1</sup>, D. W. Kays<sup>1</sup>, S. D. Larson<sup>1</sup>, J. A. Taylor<sup>1</sup>, S. Islam<sup>1</sup> <sup>1</sup>University Of Florida, Surgery, Gainesville, FL, USA.

**67.15. 30-day Outcomes of Laparoscopic and Open Intestinal Resection for Pediatric Crohn's Disease.** J. B. Mahida<sup>1,2</sup>, L. Asti<sup>1</sup>, P. C. Minneci<sup>1,2</sup>, K. J. Deans<sup>1,2</sup>, B. C. Nwomeh<sup>2</sup> <sup>1</sup>Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OH, USA<sup>2</sup>Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA.

**67.16. Does the sidedness of congenital diaphragmatic hernia affect patient outcomes?** A. C. Akinkuotu<sup>1,2</sup>, S. Cruz<sup>1,2</sup>, D. Cass<sup>1,2,4,5</sup>, T. Lee<sup>1,2</sup>, C. Cassady<sup>1,3</sup>, A. Mehollin-Ray<sup>1,3</sup>, J. Williams<sup>1,3</sup>, R. Ruano<sup>1,4</sup>, S. Welty<sup>1,5</sup>, O. Olutoye<sup>1,2,4,5</sup> <sup>1</sup>Texas Children's Hospital, Texas Children's Fetal Center, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA<sup>3</sup>Baylor College Of Medicine, Department Of Radiology, Houston, TX, USA<sup>4</sup>Baylor College Of Medicine, Department Of Obstetrics And Gynecology, Houston, TX, USA<sup>5</sup>Baylor College Of Medicine, Department Of Pediatrics-Newborn Section, Houston, TX, USA.

**67.17. Hypertrophic Pyloric Stenosis - is Postoperative Care on a Non-Surgical Service Beneficial?** S. N. Acker<sup>1</sup>, M. Hodges<sup>2</sup>, T. M. Crombleholme<sup>1</sup>, S. Somme<sup>1</sup>, A. M. Kulungowski<sup>1</sup>, D. A. Partrick<sup>1</sup> <sup>1</sup>Children's Hospital Colorado, Pediatric Surgery, Aurora, CO, USA<sup>2</sup>University Of Colorado, Surgery, Aurora, CO, USA.

**67.18. Iatrogenic Esophageal Perforation in Neonates.** A. J. Hesketh<sup>1,2</sup>, C. A. Behr<sup>1,3</sup>, S. Z. Soffer<sup>1,3</sup>, A. R. Hong<sup>1,3</sup>, R. D. Glick<sup>1,3</sup> <sup>1</sup>Cohen Children's Medical Center, Division Of Pediatric Surgery, New Hyde Park, NY, USA<sup>2</sup>Elmezzzi Graduate School Of Molecular Medicine, Manhasset, NY, USA<sup>3</sup>Hofstra North Shore-LIJ School Of Medicine, Hempstead, NY, USA.

**67.19. Criteria for Thoracoscopic Esophageal Atresia Repair and Feasibility of Prospective Randomized Trial.** M. Rojnica<sup>1</sup>, C. S. Lyttle<sup>2</sup>, G. Z. Mak<sup>1</sup>, M. B. Slidell<sup>1</sup> <sup>1</sup>University Of Chicago, Pediatric Surgery, Chicago, IL, USA<sup>2</sup>University Of Chicago, Center For Health And The Social Sciences, Chicago, IL, USA.

**67.20. Management of Traumatic Duodenal Hematomas in Children.** M. L. Peterson<sup>1,2</sup>, P. I. Abbas<sup>1,2</sup>, S. C. Fallon<sup>1,2</sup>, B. J. Naik-Mathuria<sup>1,2</sup>, J. R. Rodriguez<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.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

**OUTCOMES: CLINICAL RESEARCH - TRAUMA / CRITICAL CARE 3**

CHOPIN 3

**MODERATORS: Hasan Alam, MD & Oveys Mansuri, MD**

**68.01. Impact of Employing Damage Control Laparotomy on Pulmonary Complications and Timing of Femur Repair.** J. N. Steward<sup>1</sup>, B. A. Cotton<sup>1</sup>, J. B. Holcomb<sup>1</sup>, J. A. Harvin<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA.

**68.02. Transfer Time and Distance Do Not Impact TBI Outcomes in a Mature Rural Regional Trauma System.** S. C. Gale<sup>1,2</sup>, J. Peters<sup>1</sup>, P. Detwiler<sup>1</sup>, V. Y. Dombrovskiy<sup>2</sup> <sup>1</sup>East Texas Medical Center, Trauma Surgery, Tyler, TX, USA <sup>2</sup>Robert Wood Johnson Medical School, Rutgers University, New Brunswick, NJ, USA.

**68.03. Lower Extremity DVT Screening is Not Associated with Improved Outcomes in Trauma Patients.** Z. C. Dietch<sup>1</sup>, B. Edwards<sup>1</sup>, M. Thames<sup>2</sup>, P. Shah<sup>1</sup>, M. Williams<sup>1</sup>, R. Sawyer<sup>1</sup> <sup>1</sup>University Of Virginia, Department Of Surgery, Charlottesville, VA, USA <sup>2</sup>University Of Virginia, School Of Medicine, Charlottesville, VA, USA.

**68.04. Validation of comorbidity-polypharmacy score as predictor of outcomes in older trauma patients.** R. N. Mubangi<sup>1,3</sup>, J. C. Stoltzfus<sup>6</sup>, B. A. Hoey<sup>3</sup>, C. D. Stehly<sup>2,3</sup>, D. C. Evans<sup>4</sup>, C. Jones<sup>4</sup>, T. J. Papadimos<sup>5</sup>, M. S. Cohen<sup>1</sup>, J. Grell<sup>1</sup>, W. S. Hoff<sup>1,3</sup>, P. Thomas<sup>1,3</sup>, J. Cipolla<sup>1,3</sup>, S. P. Stawicki<sup>2</sup> <sup>1</sup>St. Luke's University Health Network, Department Of Surgery, Bethlehem, PA, USA <sup>2</sup>St. Luke's University Health Network, Department Of Research & Innovation, Bethlehem, PA, USA <sup>3</sup>St. Luke's University Health Network, Regional Level I Trauma Center, Bethlehem, PA, USA <sup>4</sup>The Ohio State University College Of Medicine, Department Of Surgery, Columbus, OH, USA <sup>5</sup>The Ohio State University College Of Medicine, Department Of Anesthesiology, Columbus, OH, USA <sup>6</sup>St. Luke's University Health Network, The Research Institute, Bethlehem, PA, USA.

**68.05. CTA Grading Predicts Safe Nonoperative Management in Above-Knee Blunt Lower Extremity Vascular Injury.** M. R. Noorbakhsh<sup>1</sup>, M. J. Bradley<sup>1</sup>, B. Zahoor<sup>1</sup>, S. Kyere<sup>1</sup>, K. Shanmuganathan<sup>1</sup>, D. Stein<sup>1</sup>, T. M. Scalea<sup>1</sup> <sup>1</sup>University Of Maryland, R A Cowley Shock Trauma Center, Baltimore, MD, USA.

**68.06. Isolated Lumbar Transverse Process Fractures: Roadmap to Potentially Serious Injuries.** M. Khalil<sup>1</sup>, P. Rhee<sup>1</sup>, T. Orouji Jokar<sup>1</sup>, N. Kulvatunyong<sup>1</sup>, A. A. Haider<sup>1</sup>, T. O'Keeffe<sup>1</sup>, A. Tang<sup>1</sup>, G. Vercruysse<sup>1</sup>, L. Gries<sup>1</sup>, R. S. Friese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.

**68.07. Ratio Based Resuscitation in Isolated Traumatic Brain Injury: Is Effect the Same?** T. Orouji Jokar<sup>1</sup>, B. Zangbar<sup>1</sup>, P. Rhee<sup>1</sup>, N. Kulvatunyong<sup>1</sup>, M. Khalil<sup>1</sup>, T. O'Keeffe<sup>1</sup>, A. Tang<sup>1</sup>, R. Latifi<sup>1</sup>, D. J. Green<sup>1</sup>, R. S. Friese<sup>1</sup>, B. Joseph<sup>1</sup> <sup>1</sup>University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA.

**68.08. Adding "Insult" upon "Insult" to Injury: Double Contrast Exposure and Acute Kidney Injury in Trauma.** M. Polcz<sup>2</sup>, C. Orbay<sup>2</sup>, V. Polcz<sup>1</sup>, L. Podolsky<sup>2</sup>, M. Bukur<sup>1</sup>, I. Puente<sup>1</sup>, C. Prays<sup>2</sup>, F. Habib<sup>1</sup> <sup>1</sup>Broward Health Medical Center, Trauma, Ft Lauderdale, FL, USA <sup>2</sup>Florida International University, Surgery, Miami, FL, USA.

**68.09. Epidemiology of Post-Operative Respiratory Failure (PORF) in the United States During 2000-2011.** G. Mitchon<sup>1</sup>, A. Seifi<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At San Antonio, Neuro Critical Care- Neurosurgery, San Antonio, TX, USA.

**68.10. Trauma-Induced Coagulopathy: Stepwise Association Between Platelet Count and Mortality.** C. E. Nembhard<sup>1</sup>, J. Hwabejire<sup>1</sup>, E. Cornwell<sup>1</sup>, W. Greene<sup>1</sup> <sup>1</sup>Howard University College Of Medicine, General Surgery, Washington, DC, USA.

**68.11. Concomitant Injuries In Patients With Devastating Head Injuries Do Not Preclude Organ Donation.** J. A. Marks<sup>1</sup>, J. Hatchimonji<sup>1</sup>, P. Kim<sup>1</sup>, D. N. Holena<sup>1</sup>, J. Pascual<sup>1</sup>, P. M. Reilly<sup>1</sup>, N. D. Martin<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Division Of Traumatology, Surgical Critical Care And Emergency Surgery, Philadelphia, PA, USA.

**68.12. The Sixties: The Intersection Of Modifiable Risks And Physical Vulnerability In Unintentional Falls.** S. R. Allen<sup>1</sup>, R. Cheney<sup>1</sup>, J. Ellis<sup>1</sup>, D. Holena<sup>1</sup>, J. Pascual<sup>1</sup>, N. Martin<sup>1</sup>, P. Kim<sup>1</sup>, P. Reilly<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Trauma, Surgical Critical Care And Emergency Surgery, Philadelphia, PA, USA.

**68.13. Risk Factors for Pneumonia after Major Abdominal Surgery.** C. K. Yang<sup>1</sup>, A. Teng<sup>1</sup>, D. Y. Lee<sup>1</sup>, K. Rose<sup>1</sup> <sup>1</sup>Mount Sinai St. Luke's Roosevelt Hospital Center, New York, NY, USA.

**68.14. Nutritional Support and the Obesity Paradox in Necrotizing Soft Tissue Infection Patients.** N. Goel<sup>1</sup>, E. Lin<sup>1</sup>, V. Patel<sup>1</sup>, R. Askari<sup>1</sup> <sup>1</sup>Brigham And Women's Hospital, Trauma, Burn, And Surgical Critical Care, Boston, MA, USA.

**68.15. Angioembolization is necessary with any volume of contrast extravasation in blunt trauma.** A. Bhakta<sup>1</sup>, D. Magee<sup>1</sup>, M. Peterson<sup>1</sup>, M. S. O'Mara<sup>1</sup> <sup>1</sup>Grant Medical Center / Ohio University, Trauma And Acute Care Surgery, Columbus, OH, USA.

**68.16. Total Hospital Blood Use has Decreased in the Era of Hemostatic Resuscitation.** E. M. Campion<sup>1</sup>, L. Z. Kornblith<sup>1</sup>, E. W. Fiebig<sup>2</sup>, B. J. Redick<sup>1</sup>, R. A. Callcut<sup>1</sup>, M. J. Cohen<sup>1</sup> <sup>1</sup>University Of California - San Francisco, Laboratory Medicine, San Francisco, CA, USA <sup>2</sup>University Of California - San Francisco, Surgery, San Francisco, CA, USA.

**68.17. Orthopaedic Injury Location, Thrombelastography, and Their Relationship to Pulmonary Embolism.** J. B. Wilkerson<sup>2,5</sup>, B. Andrew<sup>1,2</sup>, W. Charles<sup>2,3</sup>, H. B. John<sup>2,3</sup>, G. Matthew<sup>1</sup>, B. Sarah<sup>2,4</sup>, F. Erin<sup>2,3</sup>, J. Tomasek<sup>2</sup>, P. Matthew<sup>2,3</sup>, J. L. Gary<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Orthopedics, Houston, TX, USA <sup>2</sup>Center For Translational Injury Research, Houston, TX, USA <sup>3</sup>University Of Texas Health Science Center At Houston, Department Of Surgery, Houston, TX, USA <sup>4</sup>University Of Texas Health Science Center At Houston, Department Of Biostatistics, Houston, TX, USA <sup>5</sup>University Of Texas Health Science Center At Houston, Medical School, Houston, TX, USA.

**68.18. ASA-PS is Associated With Mortality Rate Among Adult Trauma Patients.** D. Stewart<sup>1</sup>, C. Janowak<sup>1</sup>, A. Liepert<sup>1</sup>, A. O'Rourke<sup>1</sup>, H. Jung<sup>1</sup>, S. Agarwal<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

**68.19. Hepatitis C Status does not Correlate with Worse Outcome in the Surgical ICU.** M. L. Kueht<sup>1</sup>, R. A. Helmick<sup>3</sup>, S. Bebeko<sup>2</sup>, S. Awad<sup>1,2</sup> <sup>1</sup>Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA <sup>2</sup>Michael E. DeBakey VA Medical Center, Department Of Surgery/Critical Care, Houston, TX, USA <sup>3</sup>Mayo Clinic, Rochester, Department Of Surgery, Division Of Transplantation Surgery, Rochester, MN, USA.

**68.20. Initial Advanced Cardiac Life Support in Trauma Patients with Cardiac Arrest.** K. Konesky<sup>1</sup>, W. Guo<sup>1</sup> <sup>1</sup>State University Of New York At Buffalo, Surgery, Buffalo, NY, USA.

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### OUTCOMES: CLINICAL RESEARCH - BREAST AND ENDOCRINE

CHOPIN 4

**MODERATORS: John T. Langell, MD, PhD & Heather Neuman, MD, MS**

TUESDAY

WEDNESDAY

THURSDAY

#### 69.01. The Association between Hyperthyroidism and

**Thyroid Cancer.** S. Zaheer<sup>1</sup>, L. E. Kuo<sup>1</sup>, J. C. Morrison<sup>1</sup>, H. Wachtel<sup>1</sup>, G. C. Karakousis<sup>1</sup>, D. L. Fraker<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Department Of Endocrine And Oncologic Surgery, Philadelphia, PA, USA.

#### 69.02. Vitamin D Levels Are Not Associated With Postoperative PTH Elevation After Parathyroidectomy.

C. M. Kiernan<sup>1</sup>, C. Schlegel<sup>1</sup>, M. F. Peters<sup>3</sup>, C. C. Solorzano<sup>2</sup> <sup>1</sup>Vanderbilt University Medical Center, General Surgery, Nashville, TN, USA<sup>2</sup>Vanderbilt University Medical Center, Surgical Oncology And Endocrine Surgery, Nashville, TN, USA<sup>3</sup>Vanderbilt University Medical Center, Anesthesia, Nashville, TN, USA.

#### 69.03. Delaying I-131 Treatment For Papillary Thyroid Cancer Is Not Associated With Increased Recurrence.

P. H. Dedhia<sup>1</sup>, S. Grzegorski<sup>1</sup>, M. S. Cohen<sup>1</sup>, B. S. Miller<sup>1</sup>, P. G. Gauger<sup>1</sup>, D. T. Hughes<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

#### 69.04. Body Mass Index and Vitamin D Deficiency in Multi-gland Primary Hyperparathyroidism.

J. A. Glenn<sup>1</sup>, T. W. Yen<sup>1</sup>, D. B. Evans<sup>1</sup>, T. S. Wang<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Division Of Surgical Oncology - Section Of Endocrine Surgery, Milwaukee, WI, USA.

#### 69.05. The Underappreciated Problem of Thyroid Cancer and Hypothyroidism.

S. Zaheer<sup>1</sup>, L. E. Kuo<sup>1</sup>, J. C. Morrison<sup>1</sup>, H. Wachtel<sup>1</sup>, G. C. Karakousis<sup>1</sup>, D. L. Fraker<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>University Of Pennsylvania, Department Of Endocrine And Oncologic Surgery, Philadelphia, PA, USA.

#### 69.06. Increased Rate of Incidental Papillary Thyroid Cancer in Surgical Patients with Benign Thyroid Disease.

A. R. Marcadis<sup>1</sup>, S. Liu<sup>1</sup>, M. Rodriguez<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Miller School Of Medicine, Division Of Endocrine Surgery, Miami, FL, USA.

#### 69.07. Accuracy of data collected in a hereditary cancer registry, the MEN2 experience.

C. Trotter<sup>1</sup>, Z. Farhood<sup>1</sup>, M. Hu<sup>2</sup>, M. Cabanillas<sup>2</sup>, M. Jackson<sup>3</sup>, T. Rich<sup>1,3</sup>, P. Graham<sup>1</sup>, J. Lee<sup>1</sup>, N. Perrier<sup>1</sup>, E. G. Grubbs<sup>1</sup> <sup>2</sup>University Of Texas MD Anderson Cancer Center, Department Of Endocrine Neoplasia & Hormonal Disorders, Division Of Internal Medicine, Houston, TX, USA<sup>3</sup>University Of Texas MD Anderson Cancer Center, Clinical Cancer Genetics Department, Houston, TX, USA<sup>1</sup>University Of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA.

#### 69.08. Family History of Thyroid Cancer Correlates with More Aggressive Papillary Thyroid Cancer Variants.

A. R. Marcadis<sup>1</sup>, S. Liu<sup>1</sup>, M. Rodriguez<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami Miller School Of Medicine, Division Of Endocrine Surgery, Miami, FL, USA.

#### 69.09. Surgeon Performed Ultrasound Can Predict More Aggressive Variants of Papillary Thyroid Cancer.

A. R. Marcadis<sup>1</sup>, B. Wang<sup>1</sup>, M. Rodriguez<sup>1</sup>, S. Liu<sup>1</sup>, J. I. Lew<sup>1</sup> <sup>1</sup>University Of Miami, Division Of Endocrine Surgery, Miami, FL, USA.

#### 69.10. Underlying Abnormal Thyroid Pathology In Patients With Metastatic Disease To The Thyroid Gland.

K. L. Long<sup>1</sup>, S. Spires<sup>2</sup>, C. Lee<sup>1</sup>, D. Sloan<sup>1</sup> <sup>1</sup>University Of Kentucky, Division Of General Surgery, Lexington, KY, USA<sup>2</sup>University Of Kentucky, Division Of Pathology, Lexington, KY, USA.

#### 69.11. Ultrasound Guided Ethanol Ablation of Recurrent Metastatic Papillary Thyroid Cancer.

J. D. Pasternak<sup>1</sup>, N. Seiser<sup>1</sup>, J. E. Gosnell<sup>1</sup>, I. Suh<sup>1</sup>, Q. Duh<sup>1</sup>, W. T. Shen<sup>1</sup> <sup>1</sup>University Of California - San Francisco, Endocrine Surgery, San Francisco, CA, USA.

#### 69.12. Diffuse Sclerosing Papillary Thyroid Cancer: A Risk Factor for Recurrent Laryngeal Nerve Involvement.

S. A. Morrison<sup>1</sup>, P. Sadow<sup>1</sup>, C. Lubitz<sup>1</sup>, R. Hodin<sup>1</sup>, A. Stephen<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Surgery, Boston, MA, USA.

#### 69.13. The Changing Approach to Parathyroid Surgery: the Return to Bilateral Exploration.

A. Alhefdhi<sup>1</sup>, K. Cavanor<sup>1</sup>, D. Schneider<sup>1</sup>, R. Sippel<sup>1</sup>, H. Chen<sup>1</sup> <sup>1</sup>University Of Wisconsin, Section Of Endocrine Surgery, Department Of Surgery, Madison, WI, USA.

#### 69.14. Is Double Lumpectomy For Multicentric Breast Cancer Oncologically Safe?

M. Plasilova<sup>1</sup>, B. R. Hayse<sup>1</sup>, A. B. Chagpar<sup>1</sup>, B. K. Killelea<sup>1</sup>, N. R. Horowitz<sup>1</sup>, D. R. Lannin<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Yale-New Haven Hospital/Department Of Surgery/ Breast Center At Smilow Comprehensive Cancer Center, New Haven, CT, USA.

#### 69.15. Clinicopathologic Factors Associated With a False Negative AUS in Patients With Breast Cancer.

I. Nwaogu<sup>1</sup>, Y. Yan<sup>1</sup>, J. A. Margenthaler<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA.

#### 69.16. Use of a Recurrence Score In Locally Recurrent/New Primary Breast Cancer.

N. C. Vera<sup>1</sup>, D. Carr<sup>1</sup>, J. Mullinax<sup>1</sup>, D. Korz<sup>1</sup>, W. Sun<sup>1</sup>, C. Laronga<sup>1</sup>, S. Hoover<sup>1</sup>, W. Fulp<sup>2</sup>, G. Acs<sup>3</sup>, M. C. Lee<sup>1</sup> <sup>1</sup>Moffitt Cancer Center And Research Institute, Breast Program, Tampa, FL, USA<sup>2</sup>Moffitt Cancer Center And Research Institute, Biostatistics, Tampa, FL, USA<sup>3</sup>Women's Pathology Consultants, Ruffolo Hooper & Associates, Tampa, FL, USA<sup>4</sup>University Of South Florida College Of Medicine, Tampa, FL, USA.

#### 69.17. Menopausal Status Affects Presentation but Not Outcome in Invasive Lobular Carcinoma.

M. Zamanian<sup>1</sup>, A. Soran<sup>1</sup>, M. K. Wright<sup>1</sup>, C. Thomas<sup>1</sup>, G. M. Ahrendt<sup>1</sup>, M. Bonaventura<sup>1</sup>, E. J. Diego<sup>1</sup>, R. R. Johnson<sup>1</sup>, P. F. McAuliffe<sup>1</sup>, K. McGuire<sup>1</sup> <sup>1</sup>University Of Pittsburgh School Of Medicine, Division Of Surgical Oncology, Department Of Surgery, Pittsburgh, PA, USA<sup>2</sup>Magee Women's Hospital Of UPMC, Surgical Oncology, Pittsburgh, PA, USA.

#### 69.18. Breast Cancer Outcomes in a Population with a High Prevalence of Obesity.

V. C. Herlevic<sup>1</sup>, R. S. Mowad<sup>1</sup>, J. K. Miller<sup>1</sup>, N. A. Darensburg<sup>1</sup>, B. D. Li<sup>1</sup>, R. H. Kim<sup>1</sup> <sup>1</sup>Louisiana State University Health Sciences Center - Shreveport, Surgery, Shreveport, LA, USA.

#### 69.19. Breast Density, BMI, and Outcomes in Premenopausal Women with Breast Cancer.

M. K. Wright<sup>1</sup>, A. Soran<sup>1,2</sup>, M. Zamanian<sup>1</sup>, C. Thomas<sup>2</sup>, G. M. Ahrendt<sup>1,2</sup>, M. Bonaventura<sup>1,2</sup>, E. J. Diego<sup>1,2</sup>, R. R. Johnson<sup>1,2</sup>, P. F. McAuliffe<sup>1,2</sup>, K. P. McGuire<sup>1,2</sup> <sup>1</sup>University Of Pittsburgh, School Of Medicine, Pittsburgh, PA, USA<sup>2</sup>Magee Women's Hospital Of UPMC, Surgical Oncology, Pittsburgh, PA, USA.

#### 69.20. Is routine excision of Pseudoangiomatous Stromal Hyperplasia (PASH) an unnecessary surgery?

D. R. Layon<sup>1</sup>, A. D. Brooks<sup>2</sup> <sup>1</sup>Drexel University College Of Medicine, Philadelphia, Pa, USA<sup>2</sup>University Of Pennsylvania, Endocrine And Oncologic Surgery, Philadelphia, PA, USA.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

**OUTCOMES: CER/PCOR - CARDIOTHORACIC AND ONCOLOGY**

DEBUSSY 1

**MODERATORS: Shay O'Mara, MD, FACS & Nestor Esnaola, MD**

**70.01. Ventriculoperitoneal shunt in patients with CNS neoplasms: An analysis of 59 cases.** F. Nigim<sup>1</sup>, J. Critchlow<sup>1</sup>, E. Kasper<sup>1</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Department Of Surgery, Brookline, MA, USA.

**70.02. Use of Bicaval Dual-Lumen Cannula Improves Survival to Decannulation in Venovenous ECMO.** S. C. Bennett<sup>1</sup>, R. Tripathi<sup>3</sup>, A. Kilic<sup>2</sup>, A. Flores<sup>3</sup>, T. Papadimos<sup>3</sup>, D. Hayes<sup>4</sup>, R. S. Higgins<sup>1,2</sup>, B. A. Whitson<sup>2</sup> <sup>1</sup>Ohio State University, General Surgery, Columbus, OH, USA<sup>2</sup>Ohio State University, Cardiothoracic Surgery, Columbus, OH, USA<sup>3</sup>Ohio State University, Anesthesiology, Columbus, OH, USA<sup>4</sup>Nationwide Children's Hospital, Pulmonary Medicine, Columbus, OH, USA.

**70.03. Off-Pump Right Atrial Surgery - Adult Vena Caval Inflow Occlusion in Right-Sided Cardiac Lesions.** A. Torabi<sup>1</sup>, N. Dobrilovic<sup>2</sup>, J. Raman<sup>2</sup> <sup>1</sup>Indiana University School Of Medicine, Indianapolis, IN, USA<sup>2</sup>Rush University Medical Center, Chicago, IL, USA.

**70.04. Treating Ascending Aortic Dissections: Comprehensive Care from the Emergency Department to Surgery.** J. B. Grau<sup>1,2</sup>, C. E. Kuschner<sup>1</sup>, G. Ferrari<sup>1,2</sup>, R. E. Shaw<sup>1</sup>, J. Romeo<sup>1</sup>, M. E. Brizzio<sup>1</sup>, J. Yallowitz<sup>3</sup>, A. Zapolanski<sup>1</sup> <sup>1</sup>The Valley Columbia Heart Center, Columbia University College Of Physicians And Surgeons, Ridgewood, NJ, USA<sup>2</sup>University Of Pennsylvania School Of Medicine, Philadelphia, PA, USA<sup>3</sup>The Valley Columbia Hospital, Emergency Department, Ridgewood, NJ, USA.

**70.05. Socioeconomic Realities of Elevated Pre-Operative Hemoglobin A1c and Risk of Cardiothoracic Surgery.** H. Wu<sup>1</sup>, S. Eells<sup>2</sup>, S. Vangala<sup>3</sup>, N. Satou<sup>1</sup>, R. Shemin<sup>1</sup>, P. Benharash<sup>1</sup>, J. A. McKinnell<sup>2</sup> <sup>1</sup>David Geffen School Of Medicine At UCLA, Cardiac Surgery, Los Angeles, CA, USA<sup>2</sup>Los Angeles Biomedical Research Institute At Harbor-UCLA Medical Center, Infectious Diseases, Torrance, CA, USA<sup>3</sup>David Geffen School Of Medicine At UCLA, General Internal Medicine And Health Services Research, Los Angeles, CA, USA.

**70.06. Hypertension Risk among Cancer Patients Treated with Sunitib: a Systematic Review and Meta-analysis.** S. Lew<sup>1,3</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, Department Of Surgery, Livingston, NJ, USA<sup>2</sup>New Jersey Medical School, Rutgers University, Department Of Surgery, Newark, NJ, USA<sup>3</sup>Saint George's University, School Of Medicine, True Blue, Grenada.

**70.07. Selective neck dissection for breast cancer with isolated supraclavicular lymph node recurrence.** Y. CHO<sup>1</sup>, Y. Jang<sup>1</sup>, S. Kim<sup>1</sup> <sup>1</sup>Inha University Hospital, Surgery/Inha University School Of Medicine, Incheon, , South Korea.

**70.08. Neoadjuvant Radiation Does Not Increase Perioperative Morbidity in Gastrectomy for Gastric Cancer.** Z. Sun<sup>1</sup>, D. P. Nussbaum<sup>1</sup>, P. J. Speicher<sup>1</sup>, B. Czito<sup>1</sup>, D. Tyler<sup>1</sup>, D. G. Blazer<sup>1</sup> <sup>1</sup>Duke University Medical Center, Durham, NC, USA.

**70.09. Major Depression in Colorectal Cancer Survivors: a population-based study of 1783 patients.** J. Liang<sup>3</sup>, N. Fitzgerald<sup>2</sup>, S. Ahmed<sup>1</sup>, D. Hiller<sup>1</sup>, J. Bohl<sup>1</sup>, C. J. Clark<sup>1</sup> <sup>1</sup>Wake Forest Baptist Health, Department Of Surgical Oncology, Winston Salem, NC, USA<sup>2</sup>Wake Forest Baptist Health, Public Health Sciences, Winston Salem, NC, USA<sup>3</sup>Wake Forest School Of Medicine, Winston Salem, NC, USA.

**70.10. Bleeding Complications Post-Mastectomy for Breast Cancer: Incidence, Predictors, and Economic Impact.** I. Nwaogu<sup>1</sup>, M. Olsen<sup>1</sup>, J. A. Margenthaler<sup>1</sup> <sup>1</sup>Washington University, Surgery, St. Louis, MO, USA.

**70.11. Placement of a Feeding Jejunostomy Tube Is Safe at the Time of Gastrectomy for Gastric Cancer.** D. P. Nussbaum<sup>1</sup>, Z. Sun<sup>1</sup>, B. C. Gulack<sup>1</sup>, J. E. Keenan<sup>1</sup>, D. S. Tyler<sup>1</sup>, P. J. Speicher<sup>1</sup>, D. G. Blazer<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 Surgery, Durham, NC, USA.

**70.13. How Effective is the "Two-Week Wait" Target in Improving Survival in Colorectal and Breast Cancer?** K. M. Guest<sup>1</sup>, I. Nikolopoulos<sup>1</sup>, M. Kumari<sup>1</sup>, K. Thakur<sup>1</sup> <sup>1</sup>Queen Elizabeth Hospital, General Surgery, London, LONDON, United Kingdom.

**70.14. Age Impacts Efficacy of Radiotherapy in Patients with Soft Tissue Sarcoma.** N. K. Yuen<sup>1</sup>, C. Li<sup>1</sup>, R. Bold<sup>1</sup>, A. Monjazebe<sup>1</sup>, D. Borys<sup>1</sup>, R. Canter<sup>1</sup> <sup>1</sup>University Of California - Davis, Surgical Oncology, Sacramento, CA, USA.

**70.15. Defining the Burden of Rectal Cancer: A Population Study.** D. Hayden<sup>1</sup>, M. Ostrowski<sup>2</sup>, T. Markossian<sup>3</sup>, J. Eberhardt<sup>1</sup>, T. Saclarides<sup>1</sup> <sup>1</sup>Loyola University Medical Center, Department of General Surgery, Maywood, Illinois, USA<sup>2</sup>Loyola University Medical Center, Stritch School Of Medicine, Maywood, Illinois, USA<sup>3</sup>Loyola University Medical Center, Department Of Public Health Sciences, Maywood, Illinois, USA.

**70.16. Variations in Metastatic Pattern Among Female Breast Cancer Patients: A US Population Based Study.** R. Riccardi<sup>1,3</sup>, S. Patil<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup> <sup>1</sup>Saint Barnabas Medical Center, General Surgery, Livingston, NJ, USA<sup>2</sup>University Of Medicine And Dentistry Of New Jersey, Newark, NJ, USA<sup>3</sup>Saint George's University, Grenada, Grenada, Grenada.

**70.17. Robotic Assisted Esophagectomy in the Obese Patients.** A. Salem<sup>1</sup>, M. Thau<sup>2</sup>, K. Meredith<sup>1</sup> <sup>1</sup>University Of Wisconsin, Section Of Surgical Oncology - Division Of General Surgery - ?The University Of Wisconsin School Of Medicine And Public Health, Madison, WI, USA<sup>2</sup>University Of South Florida College Of Medicine, Tampa, FL, USA.

**70.18. Should We Operate for an Intra-abdominal Emergency in the Setting of Disseminated Cancer?** C. L. Scaife<sup>1</sup>, K. C. Hewitt<sup>1</sup>, X. Sheng<sup>2</sup>, K. W. Russell<sup>1</sup>, M. C. Mone<sup>1</sup> <sup>1</sup>University Of Utah, General Surgery / Surgery, Salt Lake City, UT, USA<sup>2</sup>University Of Utah, Biostatistics / Pediatrics, Salt Lake City, UTAH, USA.

**70.19. Sarcopenia as a Predictor of Outcomes of Palliative Surgery.** A. M. Blakely<sup>1</sup>, S. Brown<sup>2</sup>, D. J. Grand<sup>2</sup>, T. J. Miner<sup>1</sup> <sup>2</sup>Brown University School Of Medicine, Department of Radiology, Providence, RI, USA<sup>1</sup>Brown University School Of Medicine, Department Of Surgery, Providence, RI, USA.

**70.20. Secular Trends in Morbidity and Mortality Among Surgical Patients with Disseminated Malignancy.** S. Bateni<sup>1</sup>, F. J. Meyers<sup>3</sup>, R. J. Bold<sup>2</sup>, R. J. Canter<sup>2</sup> <sup>1</sup>University Of California - Davis, General Surgery, Sacramento, CA, USA<sup>2</sup>University Of California - Davis, Surgical Oncology, Sacramento, CA, USA<sup>3</sup>University Of California - Davis, School Of Medicine, Sacramento, CA, USA.

1:30PM - 3:00PM

### Integrated Quick Shot Session II

**OUTCOMES: CER/PCOR - MULTIPLE SPECIALTIES**

DEBUSSY 2

**MODERATORS: Marc Melcher, MD, PhD & Ulka Sachdev, MD**

TUESDAY

WEDNESDAY

THURSDAY

**71.01. Comparing African-American (AA) and Non-AA Perceptions on the Benefits of LDKT in South Carolina.** D. Tagge<sup>1</sup>, V. Phan<sup>1</sup>, A. Wilton<sup>1</sup>, J. Rodriguez<sup>2</sup>, D. Taber<sup>1</sup>, K. Chavin<sup>1</sup>, P. Baliga<sup>1</sup>  
<sup>1</sup>Medical University Of South Carolina, Division Of Transplant Surgery, Charleston, SC, USA<sup>2</sup>Beth Israel Deaconess Medical Center, The Transplant Institute, Boston, MA, USA.

**71.02. The Role of Complement Fixing Donor Specific HLA Antibodies in Liver Transplantation.** D. W. Forner<sup>1</sup>, R. G. Sperry<sup>2</sup>, R. S. Liwski<sup>2,3</sup>, I. P. Alwayn<sup>1,2,3</sup>  
<sup>1</sup>Dalhousie University, Department Of Surgery, Halifax, Nova Scotia, Canada<sup>2</sup>Dalhousie University, Department Of Pathology, Halifax, Nova Scotia, Canada<sup>3</sup>Dalhousie University, Department Of Microbiology & Immunology, Halifax, Nova Scotia, Canada.

**71.03. Transversus Abdominis Plane Block vs. Local Wound Infiltration in Laparoscopic Live Donor Nephrectomy.** E. W. Kabil<sup>1</sup>, P. Baliga<sup>1</sup>, D. Taber<sup>1</sup>, E. S. Clemmons<sup>1</sup>, K. Chavin<sup>1</sup>  
<sup>1</sup>Medical University Of South Carolina, Transplant Surgery, Charleston, SC, USA.

**71.04. Readmission after Surgery for Carotid Artery Stenosis in Pennsylvania.** E. Kenning<sup>1</sup>, C. Hollenbeak<sup>1,2</sup>, D. Han<sup>1,3</sup>  
<sup>1</sup>Penn State Hershey Medical Center, Department Of Surgery, Hershey, PA, USA<sup>2</sup>Penn State Hershey Medical Center, Division Of Outcomes Research And Quality, Hershey, PA, USA<sup>3</sup>Penn State Hershey Medical Center, Heart And Vascular Institute, Division Of Vascular Surgery, Hershey, PA, USA.

**71.05. Ruptured Abdominal Aortic Aneurysms and Type of Endovascular Repair.** A. Cha<sup>1</sup>, V. Dombrovskiy<sup>1</sup>, N. Nassiri<sup>1</sup>, R. Shafritz<sup>1</sup>, S. Rahimi<sup>1</sup>  
<sup>1</sup>Robert Wood Johnson - UMDNJ, Vascular Surgery, New Brunswick, NJ, USA.

**71.06. Gender and Frailty Independently Predict Morbidity and Mortality in Infrainguinal Vascular Procedures.** R. Brahmbhatt<sup>1</sup>, L. Brewster<sup>1,2</sup>, S. Shaffi<sup>1,3</sup>, R. Rajani<sup>1,3</sup>, R. Veeraswamy<sup>1</sup>, A. Salam<sup>1,2</sup>, T. Dodson<sup>1</sup>, S. Arya<sup>1,2</sup>  
<sup>1</sup>Emory University School Of Medicine, Atlanta, GA, USA<sup>2</sup>Atlanta VAMC, Decatur, GA, USA<sup>3</sup>Grady Memorial Hospital, Atlanta, GEORGIA [GA], USA.

**71.07. Carbon Dioxide Angiography Protects Renal Function Without Losing Efficacy in Tibial Interventions.** K. S. Lavingia<sup>1</sup>, C. Chipman<sup>1</sup>, S. S. Ahanchi<sup>1</sup>, J. M. Panneton<sup>1</sup>  
<sup>1</sup>Eastern Virginia Medical School, Division Of Vascular Surgery, Norfolk, VA, USA.

**71.08. Is Routine Patching Necessary Following Carotid Endarterectomy?** C. Rivera<sup>1</sup>, N. J. Gargiulo<sup>1</sup>  
<sup>1</sup>North Shore University And Long Island Jewish Medical Center, Manhasset, NY, USA.

**71.09. Central Venous Catheter-Associated Vascular Injury in Children: A Survey of Venous Duplex Studies.** S. F. Rosati<sup>1</sup>, J. Brown<sup>1</sup>, L. Wolfe<sup>1</sup>, A. Shah<sup>1</sup>, N. Lee<sup>1</sup>, A. Maloney<sup>1</sup>, J. Haynes<sup>2</sup>, M. F. Amendola<sup>1,3</sup>  
<sup>1</sup>Virginia Commonwealth University, Department Of General Surgery, Richmond, VA, USA<sup>2</sup>Virginia Commonwealth University, Division Of Pediatric Surgery, Richmond, VA, USA<sup>3</sup>Virginia Commonwealth University, Division Of Vascular Surgery, Richmond, VA, USA.

**71.10. Outcomes of Infrainguinal Lower Extremity Arterial Reconstruction: A Multi-Year NSQIP Review.** D. K. Afflu<sup>1</sup>, G. Ortega<sup>1</sup>, K. Deonaraine<sup>1</sup>, T. Obisesan<sup>2</sup>, D. Rose<sup>1</sup>, D. Tran<sup>1</sup>, E. Cornwell III<sup>1</sup>, K. Hughes<sup>1</sup>  
<sup>1</sup>Howard University Hospital, Department Of Surgery, Washington, DC, USA<sup>2</sup>Howard University Hospital, Department Of Medicine, Washington, DC, USA.

**71.12. Endovascular Versus Open Repair of Ruptured Abdominal Aortic Aneurysms in the Medicare Population.** A. Cha<sup>1</sup>, V. Dombrovskiy<sup>1</sup>, N. Nassiri<sup>1</sup>, R. Shafritz<sup>1</sup>, S. Rahimi<sup>1</sup>  
<sup>1</sup>Robert Wood Johnson - UMDNJ, Vascular Surgery, New Brunswick, NJ, USA.

**71.13. Insulin Use Leads to Worse Outcomes After Femoral to Popliteal Artery Bypass in Diabetics.** K. Nagarsheth<sup>1</sup>, T. Dinitto<sup>1</sup>, J. Schor<sup>1</sup>, K. Singh<sup>1</sup>, J. Deitch<sup>1</sup>  
<sup>1</sup>Staten Island University Hospital, Vascular And Endovascular Surgery, Staten Island, NY, USA.

**71.15. Latissimus Dorsi Reconstruction is Associated with Lower Complications vs. Pedicled TRAM.** D. J. Gerth<sup>1</sup>, J. Tashiro<sup>1</sup>, S. R. Thaller<sup>1</sup>  
<sup>1</sup>University Of Miami, Division Of Plastic Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA.

**71.16. Predictors of Mastectomy Skin Necrosis in Autologous Breast Reconstruction.** C. R. Vargas<sup>1</sup>, M. Paul<sup>1</sup>, P. G. Koolen<sup>1</sup>, K. E. Anderson<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.

**71.17. Comparing Outcomes & Costs in Body Contouring: Analyzing weekday v weekend admissions using the NIS.** K. K. Tadisina<sup>1</sup>, K. Chopra<sup>2,3</sup>, D. P. Singh<sup>3</sup>  
<sup>1</sup>University Of Illinois At Chicago, College Of Medicine, Chicago, IL, USA<sup>2</sup>The Johns Hopkins Hospital, Department Of Plastic And Reconstructive Surgery, Baltimore, MD, USA<sup>3</sup>University Of Maryland Medical Center, Division Of Plastic Surgery, Baltimore, MD, USA.

**71.18. Synovial White Cell Count For Diagnosis Of Septic Arthritis. Are Current Tests Appropriate?** K. Perera<sup>1</sup>, M. Armstrong<sup>1</sup>  
<sup>1</sup>Eastern Health, Melbourne, VICTORIA, Australia.

**71.19. Steroid Injections for Core Muscle Injuries in High-Performance Athletes.** A. E. Poor<sup>1,2</sup>, T. A. Colangelo<sup>2</sup>, V. P. Bekerman<sup>2</sup>, B. K. Havens<sup>1</sup>, W. C. Meyers<sup>1,2,3,4</sup>  
<sup>1</sup>Vincera Institute, Philadelphia, PA, USA<sup>2</sup>Drexel University College Of Medicine, Department Of Surgery, Philadelphia, PA, USA<sup>3</sup>Thomas Jefferson University, Department Of Surgery, Philadelphia, PA, USA<sup>4</sup>Duke University School Of Medicine, Department Of Surgery, Durham, NC, USA.

**71.20. Risk Factors For Dislocation Following Revision Total Hip Arthroplasty.** R. C. Stedman<sup>2</sup>, A. Husain<sup>1</sup>, D. Lim<sup>1</sup>, C. Nelson<sup>1</sup>  
<sup>1</sup>University Of Pennsylvania Health System, Philadelphia, PA, USA<sup>2</sup>Howard University College Of Medicine, Washington, DC, USA.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

## OUTCOMES: DISPARITIES

ENCORE 1

## MODERATORS: John I. Lew, MD &amp; Sanjay Reddy, MD

**72.01. Surgery for the Very Old: Are Nonagenarians Different?** C.

N. Ochoa Chara<sup>1</sup>, L. A. Skrip<sup>3</sup>, J. E. Indes<sup>1</sup>, R. J. Gusberg<sup>2</sup>, T. P. Sarac<sup>1</sup>, A. Dardik<sup>2</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, Division Of Vascular Surgery, New Haven, CT, USA<sup>2</sup>VA Connecticut Healthcare System, Department Of Surgery, Division Of Vascular Surgery, West Haven, CT, USA<sup>3</sup>Yale School Of Public Health, Department Of Epidemiology And Microbial Diseases, New Haven, CT, USA.

**72.02. Anal Cancer in an Urban Academic Institution.** D. R.

Bezzini<sup>1</sup>, G. Ortega<sup>2</sup>, N. Branch<sup>2</sup>, N. Changoor<sup>2</sup>, M. Sabtala<sup>1</sup>, D. H. Ford<sup>1,2</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA<sup>2</sup>Howard University Hospital, Department Of Surgery, Washington, DC, USA.

**72.03. Does Community Consultation Reach Patients Likely to be Enrolled in EFIC Studies?** W. C. Beck<sup>1</sup>, B. A. Cotton<sup>1</sup>, C.

E. Wade<sup>1</sup>, J. M. Podbielski<sup>1</sup>, L. Vincent<sup>1</sup>, D. J. Del Junco<sup>1</sup>, J. B. Holcomb<sup>1</sup>, J. A. Harvin<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Houston, TX, USA.

**72.04. Hispanic NCDB Data & Adherence to Stage III Colon**

**Cancer NCCN Guidelines: One Size Does Not Fit All.** N. Saldana-Ruiz<sup>1</sup>, A. Becerra<sup>1</sup>, C. Probst<sup>1</sup>, C. Aquina<sup>1</sup>, A. Rickles<sup>1</sup>, K. Noyes<sup>1</sup>, F. Fleming<sup>1</sup>, J. R. Monson<sup>1</sup> <sup>1</sup>University Of Rochester, Rochester, NY, USA.

**72.05. Obesity paradox in octogenarians after colorectal surgery:**

**ACS-NSQIP Study.** M. Perez<sup>1</sup>, R. Grim<sup>1</sup>, T. Bell<sup>1</sup>, J. Martin<sup>1</sup>, V. Ahuja<sup>1</sup> <sup>1</sup>York Hospital, York, PA, USA.

**72.06. Breast Cancer Presentation Among Caribbean American**

**Patients: Experience at an Urban Institution.** S. Ullrich<sup>2</sup>, R. Kaur<sup>2</sup>, J. Parks<sup>1</sup>, L. Dresner<sup>1</sup>, A. Alfonso<sup>1</sup>, G. Sugiyama<sup>1</sup> <sup>1</sup>SUNY Downstate Medical Center, Surgery, Brooklyn, NY - NEW YORK, USA<sup>2</sup>SUNY Downstate College Of Medicine, Brooklyn, NY - NEW YORK, USA.

**72.07. Are We Actively Working to Reduce Disparities in Surgical**

**Care? The Ground Reality.** B. Britton<sup>1</sup>, N. Nagarajan<sup>1</sup>, S. Selvarajah<sup>1</sup>, A. Schupper<sup>1</sup>, D. Efron<sup>1</sup>, A. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.

**72.08. Acute Appendicitis: Variation in Treatment and Outcomes**

**by Insurance Status.** T. L. Sutton<sup>4</sup>, E. E. Pracht<sup>3</sup>, J. M. Guido<sup>4</sup>, D. J. Ciesla<sup>2,4</sup> <sup>2</sup>Tampa General Hospital, Tampa, FL, USA<sup>3</sup>University Of South Florida, College Of Public Health, Tampa, FL, USA<sup>4</sup>University Of South Florida College Of Medicine, Tampa, FL, USA.

**72.09. Racial Disparities in Surgical Outcomes: Does the Level of**

**Resident Surgeon Play a Role?** N. R. Changoor<sup>1</sup>, G. Ortega<sup>1</sup>, E. E. Cornwell<sup>1</sup>, A. H. Haider<sup>2</sup> <sup>1</sup>Howard University Hospital, Department Of Surgery, Washington, DC, USA<sup>2</sup>Center For Surgical Trials And Outcomes Research (CSTOR), Department Of Surgery, Baltimore, MD, USA.

**72.10. Insurance Status Impacts Treatment and Survival in Early**

**Stage Pancreatic Adenocarcinoma.** E. A. Boevers<sup>1</sup>, A. M. Button<sup>1</sup>, B. McDowell<sup>1</sup>, C. F. Lynch<sup>1</sup>, S. Bhatia<sup>1</sup>, J. J. Mezhir<sup>1</sup> <sup>1</sup>University Of Iowa, Surgical Oncology And Endocrine Surgery, Iowa City, IA, USA.

**72.11. Worse Outcomes In Patients Presenting With Primary**

**Liver Cancer At Safety-Net Hospitals.** A. Mokdad<sup>1</sup>, A. Singal<sup>1</sup>, J. Mansour<sup>1</sup>, G. Balch<sup>1</sup>, M. Choti<sup>1</sup>, A. Yopp<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Surgery Oncology, Dallas, TX, USA.

**72.12. Guideline Adherence Update in Stage II and III Patients**

**Undergoing Colon Cancer Resection.** R. L. Hoffman<sup>1</sup>, K. D. Simmons<sup>1</sup>, R. E. Roses<sup>1</sup>, N. N. Mahmoud<sup>1</sup>, R. R. Kelz<sup>1</sup> <sup>1</sup>Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA.

**72.13. Outpatient Thyroidectomy: Current Practice and Utiliza-**

**tion Trends in California.** J. B. Hamner<sup>1</sup>, P. Ituarte<sup>1</sup>, L. Goldstein<sup>1</sup>, L. Kruper<sup>1</sup>, S. Chen<sup>1</sup>, J. Yim<sup>1</sup> <sup>1</sup>City Of Hope National Medical Center, Division Of Surgical Oncology, Duarte, CA, USA.

**72.14. Geospatial Travel Patterns of Major Cancer Surgery**

**Patients within a Regionalized Health System.** A. K. Smith<sup>1</sup>, N. Shara<sup>2,4</sup>, A. Zeymo<sup>2</sup>, R. Estes<sup>2</sup>, K. Harris<sup>1,2</sup>, L. Johnson<sup>1,3</sup>, W. Al-Rafaie<sup>1,3</sup> <sup>1</sup>MedStar Georgetown Surgical Outcomes Research Center, Surgery, Washington, DC, USA<sup>2</sup>MedStar Health Research Institute, Biostatistics, Hyattsville, MARYLAND, USA<sup>3</sup>Georgetown University Medical Center, Lombardi Comprehensive Cancer Center, Washington, DC, USA<sup>4</sup>Georgetown University Medical Center, Georgetown-Howard Universities Center For Clinical And Translational Sciences, Washington, DC, USA.

**72.15. Delay in Breast Cancer Diagnosis and Treatment: a Retro-**

**spective Review to Identify Risk Factors.** N. M. Zaremba<sup>1</sup>, M. Martin<sup>1</sup>, A. T. Davis<sup>1</sup>, P. Haan<sup>1</sup>, H. L. Bumpers<sup>1</sup> <sup>1</sup>Michigan State University, Department Of Surgery, Lansing, MI, USA.

**72.16. Insurance Disparities in the Treatment and Outcome**

**of Colon Cancer Patients.** C. M. Kiernan<sup>1</sup>, K. Idrees<sup>2</sup>, N. B. Merchant<sup>2</sup>, A. A. Parikh<sup>2</sup> <sup>1</sup>Vanderbilt University Medical Center, General Surgery, Nashville, TN, USA<sup>2</sup>Vanderbilt University Medical Center, Surgical Oncology, Nashville, TN, USA.

**72.17. Feasibility of a Web-based Intervention in Breast Cancer**

**Patients.** J. G. Bruce<sup>1</sup>, N. Steffens<sup>3</sup>, J. Tucholka<sup>3</sup>, H. B. Neuman<sup>1,2,3</sup> <sup>1</sup>University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA<sup>2</sup>University Of Wisconsin, Carbone Cancer Center, Madison, WI, USA<sup>3</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Department Of Surgery, School Of Medicine And Public Health, Madison, WI, USA.

**72.18. Race/Ethnicity Has No Impact on Outcome for Stage**

**III Breast Cancer.** B. P. Townsend<sup>1</sup>, K. Miller<sup>1</sup>, Q. Chu<sup>1</sup> <sup>1</sup>LSU Health, Surgery, Shreveport, LA, USA.

**72.19. Disparities in Colorectal Cancer among Different Races in**

**the State of Arizona.** M. R. Torres<sup>1</sup>, H. Aziz<sup>1</sup>, V. Nfonso<sup>1</sup> <sup>1</sup>University Of Arizona, Tucson, AZ, USA.

**72.20. Healthcare Disparities in Severe Acute Maternal Morbidity**

**- An Analysis of National Data.** A. Ranjit<sup>1</sup>, S. Selvarajah<sup>1</sup>, C. K. Zogg<sup>1</sup>, E. B. Schneider<sup>1</sup>, A. H. Haider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA.

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### OUTCOMES: GLOBAL SURGERY AND DISPARITIES

ENCORE 3

**MODERATORS: Samuel Finlayson, MD, MPH & Benedict C. Nwomeh, MD**

**73.01. Strategies for Securing Funding for Global Health in Trauma and Acute Care Surgery.** J. Puyana<sup>1</sup>, N. Carney<sup>1</sup>, A. Sanchez<sup>2</sup>, A. Rubiano<sup>1</sup>, A. Garcia<sup>3</sup>, C. Ordoñez<sup>3</sup>, A. Peitzman<sup>1</sup>  
<sup>1</sup>University Of Pittsburgh, Trauma & Acute Care Surgery, Pittsburgh, PA, USA<sup>2</sup>Oregon Health And Science University, Informatics, Portland, OR, USA<sup>3</sup>Universidad Del Valle, Surgery, Cali, Valle, Colombia.

**73.02. The Utility of the Verbal Autopsy Technique to Assess Pre-hospital Trauma-mortality Burden.** J. S. Qureshi<sup>1</sup>, G. Mulima<sup>2</sup>, S. Zadrozny<sup>1</sup>, B. Cairns<sup>1</sup>, A. G. Charles<sup>1</sup>  
<sup>1</sup>University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA<sup>2</sup>Kamuzu Central Hospital, Lilongwe, Malawi.

**73.03. Design and Implementation of an Electronic Trauma Registry: A Partnership with the Panamerican Trauma Society.** M. B. Aboutanos<sup>1</sup>, S. Jayaraman<sup>1</sup>, L. V. Mata<sup>1</sup>, E. B. Rodas<sup>2</sup>, C. A. Ordoñez<sup>4</sup>, F. Mora<sup>6</sup>, C. Morales<sup>5</sup>, M. Quiodettis<sup>3</sup>, M. Duong<sup>1</sup>, R. Ivatury<sup>1</sup>  
<sup>1</sup>Virginia Commonwealth University, Acute Care Surgical Services/ Depart. Surgery, Richmond, VA, USA<sup>2</sup>Hospital Vicente Corral Moscoso And Hospital Universitario Del Rio, Surgery, Cuenca, AZUAY, Ecuador<sup>3</sup>Hospital Santo Tomas, Trauma, Panama, Panama<sup>4</sup>Hospital Universitario Del Valle And Fundacion Valle De Lili, Trauma, Cali, Colombia<sup>5</sup>San Vicente De Paul, Cirugia, Medellin, Colombia<sup>6</sup>Cinterandes Foundation Mobile Surgical Program, Cuenca, Ecuador.

**73.04. Trauma Training Among Physicians in Haiti.** J. K. Bagley<sup>4</sup>, C. M. McCullough<sup>4</sup>, M. E. Quinn<sup>4</sup>, J. Srinivasan<sup>1</sup>, V. DeGennaro<sup>2,3</sup>, J. Sharma<sup>1</sup>  
<sup>1</sup>Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA<sup>2</sup>University Of Florida, Department Of Medicine, College Of Medicine, Gainesville, FL, USA<sup>3</sup>Project Medishare For Haiti, Port Au Prince, Haiti<sup>4</sup>Emory University School Of Medicine, Atlanta, GA, USA.

**73.05. Creating an mHealth solution to improve prehospital trauma care in urban Bangladesh.** J. T. Farrell<sup>1</sup>, M. Swaroop<sup>2</sup>, M. Bhuiyan<sup>4</sup>, R. R. Chakraborty<sup>3</sup>, K. Rakshand<sup>5</sup>, B. M. Jaffe<sup>1</sup>  
<sup>4</sup>Bangabandhu Sheikh Mujib Medical University, Dhaka, Bangladesh<sup>5</sup>JAAGO Foundation, Dhaka, Bangladesh<sup>1</sup>Tulane University School Of Medicine, New Orleans, LA, USA<sup>2</sup>Northwestern University, Feinberg School Of Medicine, Division Of Trauma & Critical Care, Chicago, IL, USA<sup>3</sup>Chittagong Medical College Hospital, Chittagong, Bangladesh.

**73.06. Trauma Registries in Kenya: Improving Care with Mobile Technology.** F. Paruk<sup>1</sup>, I. Botchey<sup>1</sup>, A. Hyder<sup>1</sup>, K. Stevens<sup>2</sup>  
<sup>1</sup>Johns Hopkins University Bloomberg School Of Public Health, International Health / Health Systems, Baltimore, MD, USA<sup>2</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA.

**73.07. Socioeconomic Disparities in Pediatric Reduction Mammoplasty.** T. A. Evans<sup>1</sup>, T. Soleimani<sup>1</sup>, R. Sood<sup>1</sup>, I. Hadad<sup>1</sup>, J. Socas<sup>1</sup>, R. L. Flores<sup>1</sup>, S. S. Tholpady<sup>1</sup>  
<sup>1</sup>Indiana University School Of Medicine, Division Of Plastic Surgery, Indianapolis, IN, USA.

**73.08. Progress towards a Better Understanding of the Global Impact of Religion on Organ Transplantation.** M. Addis<sup>1</sup>, E. J. Minja<sup>1</sup>, R. S. Chamberlain<sup>1,2,3</sup>  
<sup>1</sup>Saint Barnabas Medical Center, General Surgery, Livingston, NJ, USA<sup>2</sup>University Of Medicine And Dentistry Of New Jersey, Newark, NJ, USA<sup>3</sup>Saint George's University, Grenada, Grenada, Grenada.

**73.09. National Trends In The Use and Outcomes of Liver Transplant.** S. Hirani<sup>1</sup>, Z. A. Sobani<sup>2</sup>, A. Jackson<sup>1</sup>, Z. Hirani<sup>1</sup>, E. Mortensen<sup>1</sup>, J. Arenas<sup>1</sup>, T. M. Pawlik<sup>4</sup>, O. Hyder<sup>3</sup>  
<sup>1</sup>University Of Texas Southwestern Medical Center, Dallas, TX, USA<sup>2</sup>Maimonides Medical Center, Surgery, Brooklyn, NY, USA<sup>3</sup>Massachusetts General Hospital, Anesthesiology, Boston, MA, USA<sup>4</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA.

**73.10. Demographic Disparities between NY, NJ, and PA Kidney Transplant Recipients Impact the Outcomes.** J. Ortiz<sup>1</sup>, A. Parsikia<sup>2</sup>, S. Pinto<sup>3</sup>, P. Chang<sup>4</sup>, K. Khanmoradi<sup>2</sup>, S. Campos<sup>2</sup>, R. Zaki<sup>2</sup>  
<sup>1</sup>Toledo University Medical Center, Toledo, OH, USA<sup>2</sup>Einstein Healthcare Network, Philadelphia, PA, USA<sup>3</sup>University Of Illinois Chicago (Metropolitan Group Hospital), Chicago, IL, USA<sup>4</sup>Drexel University, Philadelphia, PA, USA.

**73.11. Does Obesity Affect Outcomes in Adult Burn Patients?** J. J. Ray<sup>1</sup>, S. S. Satahoo<sup>1</sup>, C. J. Allen<sup>1</sup>, J. P. Meizoso<sup>1</sup>, C. M. Thorson<sup>1</sup>, L. F. Teisch<sup>1</sup>, J. E. Sola<sup>2</sup>, K. G. Proctor<sup>1</sup>, L. R. Pizano<sup>1</sup>, N. Namias<sup>1</sup>, C. I. Schulman<sup>1</sup>  
<sup>1</sup>University Of Miami, Divisions of Trauma, Surgical Critical Care, and Burns, Miami, FL, USA<sup>2</sup>University Of Miami, Division of Pediatric and Adolescent Surgery, Miami, FL, USA.

**73.12. Cultural Divergence: Trauma Mechanisms and Outcomes Transcend Racial Similarities.** N. Kamagate<sup>1</sup>, T. Wood<sup>1</sup>, U. Pandya<sup>1</sup>, M. S. O'Mara<sup>1</sup>  
<sup>1</sup>Grant Medical Center/Ohio University, Trauma And Acute Care Surgery/Ohio University Heritage College Of Osteopathic Medicine, Columbus, OHIO, USA.

**73.13. Failure-to-Rescue from Complication after Blunt Traumatic Injury: Is Socioeconomic Status a Factor?** M. Arafeh<sup>1</sup>, S. Selvarajah<sup>1</sup>, E. B. Schneider<sup>1</sup>, J. Canner<sup>1</sup>, C. K. Zogg<sup>1</sup>, A. H. Haider<sup>1</sup>  
<sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA.

**73.14. A National Estimation of LGB Patients Seeking Surgical Care in the ED.** R. Y. Shields<sup>1</sup>, N. Nagarajan<sup>1</sup>, B. Lau<sup>1</sup>, C. Zogg<sup>1</sup>, L. Kodadek<sup>1</sup>, A. Robinson<sup>2</sup>, D. German<sup>2</sup>, A. Ranjit<sup>1</sup>, S. Peterson<sup>1</sup>, A. Haider<sup>1</sup>  
<sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA<sup>2</sup>Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA.

**73.15. Perioperative Complications of Traumatic Open Femur Fracture ORIF in the Elderly.** N. N. Branch<sup>1,2</sup>, A. Obirieze<sup>2</sup>, R. H. Wilson<sup>1,2</sup>  
<sup>1</sup>Howard University College Of Medicine, Washington, DC, USA<sup>2</sup>Howard University Hospital, Surgery, Washington, DC, USA.

**73.16. Pedestrian Crash Injuries In Las Vegas: Alcohol Use And Other Factors Increase Risk Of Injury.** D. R. Fraser<sup>1</sup>, N. D. Fulkerson<sup>1</sup>, A. A. Chavez<sup>1</sup>, N. K. Ingalls<sup>1</sup>, E. A. Snavey<sup>2</sup>, B. S. Penalosa<sup>1</sup>, J. J. Fildes<sup>1</sup>, D. A. Kuhls<sup>1</sup>  
<sup>2</sup>University Medical Center, Trauma, Las Vegas, NV, USA<sup>1</sup>University Of Nevada School Of Medicine, Surgery/Trauma, Las Vegas, NV, USA.

**73.17. Contemporary National Outcomes of Carotid Endarterectomy - Safe, but with a Persistent Gender Bias.** R. S. Turley<sup>1</sup>, K. McGinagle<sup>1</sup>, C. K. Shortell<sup>1</sup>, L. Mureebe<sup>1</sup>  
<sup>1</sup>Duke University Medical Center, Vascular Surgery, Durham, NC, USA.

**73.18. Is the Amputation Rate Higher for Individuals Over 70 Years Old?** C. Rivera<sup>1</sup>, N. J. Gargiulo<sup>1</sup>  
<sup>1</sup>North Shore University And Long Island Jewish Medical Center, Vascular Surgery, Manhasset, NY, USA.

**73.19. Geographical Location and Lack of Seasonality Determines Incidence of Acute Appendicitis.** D. F. Nino<sup>1,3</sup>, J. S. Barajas-Gamboa<sup>4</sup>, S. W. Bickler<sup>2</sup>, J. A. Nino<sup>3</sup>  
<sup>1</sup>Johns Hopkins University School Of Medicine, Pediatric Surgery / Surgery, Baltimore, MD, USA<sup>2</sup>University Of California - San Diego, Pediatric Surgery / Surgery, San Diego, CA, USA<sup>3</sup>Universidad Nacional De Colombia, Pediatric Surgery / Surgery, Bogota, CUNDINAMARCA, Colombia<sup>4</sup>Universidad Autonoma De Bucaramanga, Surgery, Bucaramanga, SANTANDER, Colombia.

1:30PM - 3:00PM

## Integrated Quick Shot Session II

### OUTCOMES: QUALITY OF CARE 2

HANDEL

**MODERATORS: Luke M. Funk, MD, MPH & Jennifer F. Tseng, MD**

**74.01. Application of Value Stream Mapping and Cost Heat Mapping to Reduce Surgical Item Wastage.** B. Still<sup>1</sup>, L. Christianson<sup>1</sup>, A. Langerman<sup>2</sup> <sup>1</sup>University Of Chicago, Department Of Surgery, Chicago, IL, USA <sup>2</sup>University Of Chicago, Pritzker School Of Medicine, Chicago, IL, USA.

**74.02. Hospital Readmission After an Initial Emergency Department Visit for Symptomatic Cholelithiasis.** T. P. Williams<sup>1</sup>, D. Adhikari<sup>1</sup>, J. E. Bargerstock<sup>1</sup>, T. D. Kimbrough<sup>1</sup>, T. S. Riall<sup>1</sup> <sup>1</sup>University Of Texas Medical Branch, Department Of Surgery, Galveston, TX, USA.

**74.03. Predicting Potentially Avoidable Serious Postoperative Complications.** J. Martin<sup>1</sup>, Y. Li<sup>3</sup>, V. A. Ferraris<sup>1</sup>, S. P. Saha<sup>1</sup>, E. Q. Ballert<sup>1</sup>, R. Freyberg<sup>4</sup>, J. W. Harris<sup>1</sup>, P. L. Almenoff<sup>5</sup> <sup>1</sup>University Of Kentucky, Department Of Surgery, Lexington, KY, USA <sup>3</sup>University Of Washington, VHA OAR, OIA, Seattle, WA, USA <sup>4</sup>University Of Cincinnati, VHA OAR, OIA, Cincinnati, OH, USA <sup>5</sup>University Of Missouri, VA Center Of Innovation, Columbia, MO, USA.

**74.04. Impact of Clostridium Difficile Infection on Healthcare Resource Utilization: A Statewide Analysis.** A. N. Kulaylat<sup>1</sup>, D. B. Stewart<sup>1</sup>, C. S. Hollenbeck<sup>2</sup> <sup>1</sup>Penn State Hershey Medical Center, Division Of Colon And Rectal Surgery, Department Of Surgery, Hershey, PA, USA <sup>2</sup>Penn State Hershey Medical Center, Division Of Outcomes, Research And Quality, Departments Of Surgery And Public Health Sciences, Hershey, PA, USA.

**74.05. Marginal Ulceration after Pancreaticoduodenectomy: A Systematic Review and Meta-Analysis.** J. R. Butler<sup>1</sup>, T. Rogers<sup>1</sup>, K. N. Kaneshiro<sup>3</sup>, G. J. Eckert<sup>2</sup>, N. J. Zyromski<sup>1</sup> <sup>1</sup>Indiana University School Of Medicine, Department Of Surgery, Indianapolis, IN, USA <sup>2</sup>Indiana University School Of Medicine, Biostatistics, Indianapolis, IN, USA <sup>3</sup>Indiana University School Of Medicine, Research Library, Indianapolis, IN, USA.

**74.06. NSQIP In Colorectal Surgery: A Tool For Decreasing Preventable Morbidity.** A. N. Kulaylat<sup>1</sup>, Z. A. Gregg<sup>1</sup>, W. Sangster<sup>1</sup>, G. Ortenzi<sup>1</sup>, E. Messaris<sup>1</sup> <sup>1</sup>Penn State Hershey Medical Center, Division Of Colon And Rectal Surgery, Department Of Surgery, Hershey, PA, USA.

**74.07. Risk Factors and Implications of Post-Discharge Complications after Bariatric Surgery.** S. Y. Chen<sup>2</sup>, M. Stem<sup>1</sup>, A. O. Lidor<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, Baltimore, MD, USA.

**74.08. Does Inpatient Screening Reduce Post-Discharge Venous Thromboembolism Rates?** C. N. Holcomb<sup>1</sup>, A. DeRussy<sup>2</sup>, J. S. Richman<sup>1,2</sup>, M. T. Hawn<sup>1,2</sup> <sup>1</sup>University Of Alabama At Birmingham, Gastrointestinal Surgery, Birmingham, AL, USA <sup>2</sup>The Center For Surgical, Medical, Acute Care Research And Transitions, Birmingham VA Hospital, Birmingham, AL, USA.

**74.09. Improving Compliance to a Wound Infection Prevention Protocol (WIPP) can reduce SSI.** J. Sharma<sup>1</sup>, S. Perez<sup>1</sup>, J. Sweeney<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA.

**74.10. The Diagnostic Pathway For Solid Pancreatic Neoplasms: Are We Applying Too Many Tests?** M. Driedger<sup>1</sup>, E. Dixon<sup>1</sup>, F. Sutherland<sup>1</sup>, O. Bathe<sup>1</sup>, C. Ball<sup>1</sup> <sup>1</sup>University Of Calgary, Department Of Surgery, Calgary, AB, Canada.

**74.11. Acute Cholecystitis in Octogenarians: Determinants of Readmission and Inpatient Outcomes.** A. Kothari<sup>1,2</sup>, M. Zapf<sup>1</sup>, J. Driver<sup>1</sup>, T. Markossian<sup>2</sup>, P. Kuo<sup>1</sup> <sup>1</sup>Loyola University Chicago Stritch School Of Medicine, Surgery, Maywood, IL, USA <sup>2</sup>Loyola University Chicago Stritch School Of Medicine, Public Health Sciences, Maywood, IL, USA.

**74.12. Postoperative Complications Predict 30-Day Readmission in Elderly General Surgery Patients.** J. D. Dieterich<sup>1</sup>, C. Divino<sup>1</sup> <sup>1</sup>Mount Sinai School Of Medicine, Division Of General Surgery, Department Of Surgery, New York, NY, USA.

**74.13. Severity of Disease and Treatment Choice Do Not Affect Satisfaction in Patients with Diverticulitis.** R. K. Schmocker<sup>1</sup>, L. Cherney-Stafford<sup>1</sup>, E. R. Winslow<sup>1</sup> <sup>1</sup>University Of Wisconsin, Surgery, Madison, WI, USA.

**74.14. The Financial Impact of Intraoperative Adverse Events.** A. Larentzakis<sup>2</sup>, M. Mavros<sup>3</sup>, E. P. Ramly<sup>1</sup>, Y. Chang<sup>1</sup>, G. Velmahos<sup>1</sup>, J. Lee<sup>1</sup>, D. Yeh<sup>1</sup>, H. Kaafarani<sup>1</sup> <sup>1</sup>Massachusetts General Hospital, Trauma, Emergency Surgery And Surgical Critical Care, Boston, MA, USA <sup>2</sup>University Of Manchester, General Surgery, Manchester, , United Kingdom <sup>3</sup>Washington Hospital Center, General Surgery, Washington, DC, USA.

**74.15. Predictors of Surgical Site Infection after Discharge in Patients Undergoing Colectomy.** J. T. Wiseman<sup>1</sup>, S. Fernandes-Taylor<sup>1</sup>, K. C. Kent<sup>1</sup> <sup>1</sup>University Of Wisconsin, Wisconsin Surgical Outcomes Research Program, Madison, WI, USA.

**74.16. Revision of Roux-En-Y Gastric Bypass for Weight Regain: A Systematic Review of Techniques and Outcomes.** I. D. Nwoke-Abia<sup>1</sup>, S. Purnell<sup>1</sup>, S. N. Zafar<sup>2</sup>, A. C. Obirize<sup>2</sup>, G. Ortega<sup>2</sup>, K. Hughes<sup>1,2</sup>, T. M. Fullum<sup>1,2</sup>, D. D. Tran<sup>1,2</sup> <sup>1</sup>Howard University College Of Medicine, Washington, DC, USA <sup>2</sup>Howard University Hospital, Howard College Of Medicine, Department Of Surgery, Washington, DC, USA.

**74.17. The Indications for Transfer to an Acute Care Surgical Tertiary Service.** R. C. Britt<sup>1</sup>, P. W. Davis<sup>1</sup>, T. J. Novosel<sup>1</sup>, J. N. Collins<sup>1</sup>, L. J. Weireter<sup>1</sup>, L. D. Britt<sup>1</sup> <sup>1</sup>Eastern Virginia Medical School, Surgery, Norfolk, VA, USA.

**74.18. Development of an Approach to Characterize the Complexity of Gastric Cancer Surgery.** S. Mohanty<sup>1,2</sup>, J. Paruch<sup>1,3</sup>, K. Y. Bilimoria<sup>1,4</sup>, M. Cohen<sup>1</sup>, V. E. Strong<sup>5</sup>, S. M. Weber<sup>6</sup> <sup>1</sup>American College Of Surgeons, Division Of Research And Optimal Patient Care, Chicago, IL, USA <sup>2</sup>Henry Ford Hospital, Department Of Surgery, Detroit, MI, USA <sup>3</sup>University Of Chicago Pritzker School Of Medicine, Department Of Surgery, Chicago, IL, USA <sup>4</sup>Northwestern University Feinberg School Of Medicine, Department Of Surgery, Surgical Outcomes And Improvement Center, Chicago, IL, USA <sup>5</sup>Memorial Sloan-Kettering Cancer Center, Department Of Surgery, New York, NY, USA <sup>6</sup>University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA.

**74.19. Epidemiology of Rectal Cancer Surgeries in the US: 2002-2011.** H. Alturki<sup>1</sup>, S. Fang<sup>1,2</sup>, S. Selvarajah<sup>1</sup>, N. Nagarajan<sup>1</sup>, H. Alshaikh<sup>1</sup>, F. Gani<sup>1</sup>, C. K. Zogg<sup>1</sup>, A. Haider<sup>1</sup>, E. B. Schneider<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Center For Surgical Trials And Outcomes Research, Department Of Surgery, Baltimore, MD, USA <sup>2</sup>Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA.

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### OUTCOMES: PATIENT SAFETY

SCHUBERT

#### MODERATORS: Daniel A. Anaya, MD & Christine Lai, MBBS FRACS

##### 75.03. Safety Risks during OR to ICU Handoffs: Application

of Failure Mode and Effects Analysis. L. M. McElroy<sup>1,2</sup>, R. Khorzad<sup>1,2</sup>, M. M. Abecassis<sup>2</sup>, J. L. Holl<sup>1,2</sup>, D. P. Ladner<sup>1,2</sup> <sup>1</sup>Northwestern University, Center For Healthcare Studies And Center For Education In Health Sciences, Institute For Public Health And Medicine, Chicago, IL, USA<sup>2</sup>Northwestern University, Northwestern University Transplant Outcomes Research Collaborative, Comprehensive Transplant Center, Chicago, IL, USA.

##### 75.04. Operating Room Staff Perceptions of Risk Factors for

Retained Surgical Items (RSI). C. C. Braxton<sup>1</sup>, C. N. Robinson<sup>1</sup>, S. S. Awad<sup>1</sup> <sup>1</sup>Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA.

##### 75.05. Performance of the Operating Room Time Out by Attending

Surgeons Increases Surgical Team Engagement. H. T. Jackson<sup>1</sup>, J. Lee<sup>1</sup> <sup>1</sup>George Washington University School Of Medicine And Health Sciences, Surgery, Washington, DC, USA.

##### 75.06. Speaking Up For Patient Safety: Comparison Of Surgical

And Pediatric Residents. Z. Alawadi<sup>3,4</sup>, L. R. Putnam<sup>3,4</sup>, R. Landgren<sup>5</sup>, J. Etchegaray<sup>2,5</sup>, E. Thomas<sup>1,2</sup>, K. Tsao<sup>3,4</sup>, L. Kao<sup>3,4</sup> <sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Internal Medicine, Houston, TX, USA<sup>2</sup>The University Of Texas At Houston-Memorial Hermann Center For Healthcare Quality And Safety, Houston, Texas, USA<sup>3</sup>University Of Texas Health Science Center At Houston, Department Of General Surgery, Houston, TX, USA<sup>4</sup>Center For Surgical Trials And Evidence-based Practice, University Of Texas Medical School At Houston, Houston, TX, USA<sup>5</sup>University Of Texas Medical School At Houston, Houston, TX, USA.

##### 75.07. Is delaying surgery in acute appendicitis acceptable? N.

Kincaid<sup>1</sup>, M. Yanagisawa<sup>1</sup>, L. Burkhalter<sup>2</sup>, R. Foglia<sup>1</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Division Of Pediatric Surgery, Dallas, TX, USA<sup>2</sup>Children's Medical Center, General Surgery, Dallas, TX, USA.

##### 75.08. Developing patient-centric discharge instructions to

prevent readmissions after colorectal surgery. L. Li<sup>2</sup>, B. W. Trautner<sup>1,2</sup>, B. A. Campbell<sup>1</sup>, L. I. Herman<sup>1</sup>, V. Poppelaars<sup>1</sup>, D. H. Berger<sup>1,2</sup>, D. Anaya<sup>1,2</sup>, S. S. Awad<sup>1,2</sup>, A. Naik<sup>1,2</sup> <sup>1</sup>Michael E. DeBakey VA Medical Center, Houston HSR&D COIN IQUEST, Houston, TX, USA<sup>2</sup>Baylor College Of Medicine, Houston, TX, USA.

##### 75.09. Morbidity and Mortality in Patients after Skull Base

Reconstruction: Analysis of the NSQIP Database. K. Kim<sup>1</sup>, A. Ibrahim<sup>1,2</sup>, P. Koolen<sup>1</sup>, N. Seyidova<sup>3</sup>, S. Lin<sup>1,2</sup> <sup>1</sup>Beth Israel Deaconess Medical Center, Division Of Plastic Surgery, Boston, MA, USA<sup>2</sup>Beth Israel Deaconess Medical Center, Division Of Otolaryngology-Head And Neck Surgery, Boston, MA, USA<sup>3</sup>Medical University Of Vienna, Vienna, Austria.

##### 75.10. Impact of Hospital Case Volume of Robotic-assisted

Laparoscopic Prostatectomy on Patient Safety. T. L. Kindel<sup>1</sup>, D. Lomelin<sup>1</sup>, J. Jolley<sup>1</sup>, C. Krause<sup>1</sup>, N. Bills<sup>1</sup>, D. Oleynikov<sup>1</sup> <sup>1</sup>University Of Nebraska Medical Center, General Surgery, Omaha, NE, USA.

##### 75.11. A Multi-phase Surgical Checklist Requires a Multi-phased

Approach. L. Putnam<sup>1,4,5</sup>, S. Sakhuja<sup>1,4,5</sup>, C. M. Chang<sup>1,4,5</sup>, J. M. Podolnick<sup>1,4,5</sup>, R. Jain<sup>2,5</sup>, M. Matuszczak<sup>2,5</sup>, N. Wadhwa<sup>2,5</sup>, M. T. Austin<sup>1,4,5</sup>, L. S. Kao<sup>4,6</sup>, K. P. Lally<sup>1,4,5</sup>, K. Tsao<sup>1,4,5</sup> <sup>5</sup>Children's Memorial Hermann Hospital, Houston, TX, USA<sup>6</sup>University Of Texas Health Science Center At Houston, Department Of General Surgery, Houston, TX, USA<sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA<sup>2</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Anesthesia, Houston, TX, USA<sup>3</sup>University Of Texas Health Science Center At Houston, Medical School, Houston, TX, USA<sup>4</sup>Center For Surgical Trials And Evidence-based Practice, Houston, TX, USA.

##### 75.12. Surgical Safety Checklist Fidelity: Are We Doing What We

Should? L. R. Putnam<sup>1,4,6</sup>, C. M. Chang<sup>1,4,6</sup>, J. M. Podolnick<sup>1,4,6</sup>, S. Sakhuja<sup>1,4,6</sup>, R. Jain<sup>2,6</sup>, M. Matuszczak<sup>2,6</sup>, M. T. Austin<sup>1,4,6</sup>,

L. S. Kao<sup>4,5</sup>, K. P. Lally<sup>1,4,6</sup>, K. Tsao<sup>2,4,6</sup> <sup>6</sup>Children's Memorial Hermann Hospital, Houston, TX, USA<sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA<sup>2</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Anesthesia, Houston, TX, USA<sup>3</sup>University Of Texas Health Science Center At Houston, Medical School, Houston, TX, USA<sup>4</sup>Center For Surgical Trials And Evidence-based Practice, Houston, TEXAS, USA<sup>5</sup>University Of Texas Health Science Center At Houston, Department Of General Surgery, Houston, TX, USA.

##### 75.13. Educational and Team-Building Interventions are Necessary but Insufficient to Change Safety Culture. L. R. Putnam<sup>1,5,6</sup>,

Z. M. Alawadi<sup>2,5</sup>, R. Jain<sup>3,6</sup>, M. Matuszczak<sup>3,6</sup>, L. S. Kao<sup>2,5</sup>, J. M. Etchegaray<sup>4</sup>, E. J. Thomas<sup>4,5</sup>, K. P. Lally<sup>3,5,6</sup>, K. Tsao<sup>1,5,6</sup> <sup>6</sup>Children's Memorial Hermann Hospital, Houston, TX, USA<sup>1</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA<sup>2</sup>University Of Texas Health Science Center At Houston, Department Of General Surgery, Houston, TX, USA<sup>3</sup>University Of Texas Health Science Center At Houston, Department Of Pediatric Anesthesia, Houston, TX, USA<sup>4</sup>University Of Texas Health Science Center At Houston, Department Of Internal Medicine, Houston, TX, USA<sup>5</sup>Center For Surgical Trials And Evidence-based Practice, Houston, TX, USA.

##### 75.14. Funduplications: Highest Rates of Retained Foreign Bodies

in Pediatric Abdominal Surgery. J. Tashiro<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, Division Of Pediatric Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA.

##### 75.15. Decreased Traumatic Brain Injury Severity After Improvements in Vehicle Safety Regulations. B. W. Bonds<sup>1,2</sup>, M. J.

Bradley<sup>3,4</sup>, S. S. Cai<sup>2</sup>, D. M. Stein<sup>1,2</sup> <sup>3</sup>Naval Medical Research Center, Regenerative Medicine, Silver Spring, MD, USA<sup>4</sup>Walter Reed Army Medical Center, Washington, DC, USA<sup>1</sup>R Adams Cowley Shock Trauma Center, Trauma Surgery, Baltimore, MD, USA<sup>2</sup>University Of Maryland, School Of Medicine, Baltimore, MD, USA.

##### 75.16. Communication At The Interface Of Surgery & Critical

Care: Finding Ways To Enhance Patient Safety. L. Gotlib Conn<sup>1</sup>, B. Haas<sup>3</sup>, B. H. Cuthbertson<sup>1,4</sup>, A. Amaral<sup>1,4</sup>, N. Coburn<sup>2,5</sup>, S. Goddard<sup>4</sup>, L. Nussdorfer<sup>4</sup>, A. B. Nathens<sup>1,2</sup> <sup>1</sup>Sunnybrook Research Institute, Evaluative Clinical Sciences/Trauma, Emergency And Critical Care Research Program, Toronto, Ontario, Canada<sup>2</sup>Sunnybrook Health Sciences Centre, Surgery, Toronto, Ontario, Canada<sup>3</sup>University Of Toronto, Critical Care Medicine, Toronto, Ontario, Canada<sup>4</sup>Sunnybrook Health Sciences Centre, Critical Care Medicine, Toronto, Ontario, Canada<sup>5</sup>Sunnybrook Research Institute, Odette Cancer Research Program, Toronto, Ontario, Canada.

##### 75.17. Resident and Fellow Surgeons in Thyroid Operations: Does

Level of Training Affect Patient Outcomes? T. M. Madkhali<sup>1</sup>, M. Rajaie<sup>1</sup>, H. Chen<sup>1</sup>, R. S. Sippel<sup>1</sup>, D. Elfenbein<sup>1</sup> <sup>1</sup>University Of Wisconsin, Endocrine Surgery, Madison, WI, USA.

##### 75.18. Streptococcal Pharyngitis and Appendicitis in Children.

J. W. Nielsen<sup>1</sup>, V. Pepper<sup>1</sup>, B. D. Kenney<sup>1</sup> <sup>1</sup>Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA.

##### 75.19. Fluorescence-based Methodology for Measuring Drug

Accumulation in Normal Tissue Versus Tumor. J. Fletcher<sup>1</sup>, J. Warram<sup>1</sup>, Y. Hartman<sup>1</sup>, E. De Boer<sup>1</sup>, E. Rosenthal<sup>1</sup> <sup>1</sup>University Of Alabama School Of Medicine, Otolaryngology, Birmingham, ALABAMA, USA.

##### 75.20. The Effect of ERAS in Elective Hip and Knee Arthroplasty.

M. Stowers<sup>1,2</sup>, D. Lemanu<sup>1,4</sup>, B. Coleman<sup>2</sup>, A. Hill<sup>1</sup>, J. Munro<sup>1,4</sup> <sup>1</sup>University Of Auckland, Department Of Surgery, Auckland, -, New Zealand<sup>2</sup>Middlemore Hospital, Department Of Orthopaedic Surgery, Auckland, New Zealand<sup>3</sup>University Of Auckland, Auckland Medical School, Auckland, New Zealand<sup>4</sup>Auckland City Hospital, Department Of Orthopaedic Surgery, Auckland, New Zealand.

**MODERATORS: James Lau, MD, FACS & Wei Zhou, MD**

**76.01. Factors Affecting General Surgery Resident Satisfaction On Cardiothoracic Rotations.** A. Lussiez<sup>1</sup>, J. Bevins<sup>1</sup>, A. Plaska<sup>1</sup>, V. Rosin<sup>1</sup>, R. Reddy<sup>1</sup> <sup>1</sup>University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA.

**76.02. Improving the Night Float Experience.** A. S. Weltz<sup>1</sup>, D. G. Harris<sup>1</sup>, C. M. Kariya<sup>1</sup>, N. O'neil<sup>1</sup>, A. Cimen<sup>1</sup>, S. Kavic<sup>1</sup> <sup>1</sup>University Of Maryland, General Surgery, Baltimore, MD, USA.

**76.04. General surgery resident self-censorship in recording duty hours: A qualitative study.** M. J. Erlendson<sup>1</sup>, L. S. Lehmann<sup>4</sup>, F. G. Javier<sup>1</sup>, K. A. Davis<sup>2</sup>, M. R. Mercurio<sup>3</sup>, C. Thiessen<sup>2</sup> <sup>1</sup>Yale University School Of Medicine, New Haven, CT, USA<sup>2</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA<sup>3</sup>Yale University School Of Medicine, Department Of Pediatrics, New Haven, CT, USA<sup>4</sup>Brigham And Women's Hospital, Department Of Medicine, Boston, MA, USA.

**76.05. Preparing Incoming Interns for Patient Handoffs: Is Training During Residency Too Little Too Late?** J. Peschman<sup>1</sup>, J. Paul<sup>1</sup>, T. Webb<sup>1</sup>, P. Redlich<sup>1</sup> <sup>1</sup>Medical College Of Wisconsin, Division Of Surgical Education, Milwaukee, WI, USA.

**76.06. Determining the Reliability of Evaluating Basic Technical Skills by Inexperienced Non-Physicians.** S. Ahad<sup>1</sup>, M. Sheley<sup>2</sup>, B. Dyniewski<sup>2</sup>, C. J. Schwind<sup>2</sup>, M. L. Boehler<sup>2</sup>, I. Hassan<sup>1</sup> <sup>1</sup>University Of Iowa, General Surgery, Iowa City, IA, USA<sup>2</sup>Southern Illinois University School Of Medicine, Surgery, Springfield, IL, USA.

**76.07. Research Training During Residency May Cost General Surgeons at Least 6.3% of Lifetime Wealth.** Z. C. Dietch<sup>1,2</sup>, S. E. Bodily<sup>2</sup>, B. Schirmer<sup>1</sup>, R. Sawyer<sup>1</sup> <sup>1</sup>University Of Virginia, Department Of Surgery, Charlottesville, VA, USA<sup>2</sup>University Of Virginia, Darden School Of Business, Charlottesville, VA, USA.

**76.09. Recent Trends In Medical Student Career Choices: Is The Affordable Care Act in Jeopardy?** L. Liao<sup>1</sup>, K. Sirinek<sup>1</sup>, K. Sirinek<sup>1</sup> <sup>1</sup>University Of Texas Health Science Center At San Antonio, San Antonio, TX, USA.

**76.10. Relationship of a Second Professional Degree to Research Productivity of General Surgery Residents.** P. M. Shah<sup>1</sup>, B. L. Edwards<sup>1</sup>, Z. Dietch<sup>1</sup>, R. G. Sawyer<sup>1</sup>, A. T. Schroen<sup>1</sup> <sup>1</sup>University Of Virginia, General Surgery, Charlottesville, VA, USA.

**76.11. Teaching the Core Competency of Practice-Based Learning and Improvement Through Surgical Debates.** P. P. Patel<sup>1</sup>, E. Y. Chan<sup>1</sup> <sup>1</sup>Rush University Medical Center, General Surgery, Chicago, IL, USA.

**76.12. Effect Of 80-Hour Work Week On Resident Publication Frequency.** J. D. Forrester<sup>1</sup>, M. L. Melcher<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA.

**76.13. Impact of Resident Involvement on Surgical Outcomes after Hepatic and Pancreatic Resections.** A. Ejaz<sup>1</sup>, G. Spolverato<sup>1</sup>, Y. Kim<sup>1</sup>, C. Wolfgang<sup>1</sup>, K. Hirose<sup>1</sup>, M. Weiss<sup>1</sup>, T. M. Pawlik<sup>1</sup> <sup>1</sup>Johns Hopkins University School Of Medicine, Baltimore, MD, USA.

**76.14. How clinical training influences trainees' perceptions of the clinical scope of a pediatric surgeon.** D. Schindel<sup>1,3</sup>, L. Burkhalter<sup>3</sup>, L. Chen<sup>2</sup>, D. Schindel<sup>1,3</sup> <sup>1</sup>University Of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA<sup>2</sup>Baylor University Medical Center, Department Of Surgery, Dallas, TX, USA<sup>3</sup>Children's Medical Center, Pediatric Surgery, Dallas, TX, USA.

**76.15. Working at home: A qualitative study of general surgery residents.** F. G. Javier<sup>1</sup>, L. S. Lehmann<sup>4</sup>, M. J. Erlendson<sup>1</sup>, K. A. Davis<sup>2</sup>, M. R. Mercurio<sup>3</sup>, C. Thiessen<sup>2</sup> <sup>1</sup>Yale University School Of Medicine, New Haven, CT, USA<sup>2</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA<sup>3</sup>Yale University School Of Medicine, Department Of Pediatrics, New Haven, CT, USA<sup>4</sup>Brigham And Women's Hospital, Department Of Medicine, Boston, MA, USA.

**76.16. Resident Perceptions after the Acquisition of a Community Surgery Residency by a University Program.** J. J. Tackett<sup>1</sup>, W. E. Longo<sup>1</sup>, A. H. Lebastchi<sup>1</sup>, G. S. Nadzam<sup>1</sup>, R. Udelsman<sup>1</sup>, P. S. Yoo<sup>1</sup> <sup>1</sup>Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA.

**76.17. The Role of International Electives in a Surgical Residency Program.** M. A. Boeck<sup>1,3,4</sup>, Y. Woo<sup>1</sup>, A. L. Kushner<sup>1,3,4</sup>, T. D. Arnell<sup>1</sup>, M. A. Hardy<sup>1,4</sup> <sup>1</sup>Columbia University Medical Center, Department Of Surgery, New York, NY, USA<sup>3</sup>Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA<sup>4</sup>Surgeons OverSeas (SOS), New York, NY, USA.

**76.18. A Survey of Surgical Educators' Perceptions of Public Health Training.** A. R. Joshi<sup>1,2</sup>, H. Miller<sup>1</sup>, G. Kowdley<sup>3</sup>, C. Are<sup>5</sup>, P. Termuhlen<sup>4</sup> <sup>2</sup>Thomas Jefferson University, Surgery, Philadelphia, PA, USA<sup>3</sup>Saint Agnes Hospital, Surgery, Baltimore, MD, USA<sup>4</sup>Medical College Of Wisconsin, Surgery, Milwaukee, WI, USA<sup>5</sup>Nebraska Medical Center, Surgery, Omaha, NE, USA<sup>1</sup>Einstein Healthcare Network, Surgery, Philadelphia, PA, USA.

**76.19. So, you want to be a global surgeon? International opportunities at 239 US residency programs.** J. J. Wackerbarth<sup>1,8</sup>, P. Numann<sup>5</sup>, R. Maier<sup>4</sup>, S. M. Wren<sup>3</sup>, A. L. Kushner<sup>2,6,7</sup> <sup>1</sup>University Of Washington School Of Medicine, Seattle, WA, USA<sup>2</sup>Johns Hopkins Bloomberg School Of Public Health, Dept Intl Health, Baltimore, MD, USA<sup>3</sup>Stanford University, Dept. Surgery, Palo Alto, CA, USA<sup>4</sup>University Of Washington, Dept. Surgery, Seattle, WA, USA<sup>5</sup>S-state University Of New York Upstate Medical University, Dept. Surgery, Syracuse, NY, USA<sup>6</sup>Columbia University College Of Physicians And Surgeons, Dept. Surgery, New York, NY, USA<sup>7</sup>Surgeons OverSeas, NY, NY, USA<sup>8</sup>Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA.

**76.20. The Addition of Spaced Learning to a General Surgery Residency Program.** H. A. Prentice<sup>1</sup>, J. M. Wright<sup>1</sup>, P. Graling<sup>1</sup>, J. M. Dort<sup>1</sup>, J. J. Moynihan<sup>1</sup> <sup>1</sup>Inova Fairfax Hospital, Department Of Surgery, Falls Church, VA, USA.

1:30PM - 3:00PM

### Integrated Quick Shot Session II

#### EDUCATION: MEDICAL STUDENT EDUCATION

VIVALDI

#### MODERATORS: Bethany Sacks, MD & Brendan C. Visser, MD

**77.01. Do Trauma Nurses Know (and Trust) their Physician Colleagues?** N. Ho<sup>1</sup>, G. Kurosawa<sup>1</sup>, A. Wei<sup>1</sup>, E. Lim<sup>1</sup>, S. Steinemann<sup>1,2</sup> <sup>1</sup>University Of Hawaii, John A. Burns School Of Medicine, Honolulu, HI, USA <sup>2</sup>The Queen's Medical Center, Honolulu, HI, USA.

**77.02. Integrated Vascular Surgery Resident Satisfaction.** K. D. Dansey<sup>1</sup>, M. Wooster<sup>1</sup>, M. Shames<sup>1</sup> <sup>1</sup>University Of South Florida College Of Medicine, Vascular Surgery, Tampa, FL, USA.

**77.03. The Women in Medicine Summer Intensive: Analysis of a Professional Development Curriculum.** A. Jordan<sup>2</sup>, B. Hughes<sup>2</sup>, K. Kim<sup>1</sup> <sup>1</sup>University Of Chicago, Department Of Medicine, Chicago, IL, USA <sup>2</sup>University Of Chicago, Pritzker School Of Medicine, Chicago, IL, USA.

**77.04. Learning Styles Preferences of Surgical Residency Applicants.** R. H. Kim<sup>1</sup>, T. Gilbert<sup>2</sup> <sup>1</sup>Louisiana State University Health Sciences Center - Shreveport, Surgery, Shreveport, LA, USA <sup>2</sup>Louisiana State University Health Sciences Center - Shreveport, Academic Affairs, Shreveport, LA, USA.

**77.05. At Home on the Road: The Impact of Visiting Student Electives on Match Results.** S. C. Daly<sup>1</sup>, R. A. Jacobson<sup>1</sup>, J. L. Schmidt<sup>1</sup>, B. P. Fleming<sup>1</sup>, A. Krupin<sup>1</sup>, M. B. Luu<sup>1</sup>, J. A. Myers<sup>1</sup>, M. C. Anderson<sup>1</sup> <sup>1</sup>Rush University Medical Center, Chicago, IL, USA.

**77.06. Longitudinal Study Defining Students' Preferences and Factors for Choosing a Surgical Career.** J. Giacalone<sup>1</sup>, A. Berger<sup>1</sup>, J. Keith<sup>1</sup> <sup>1</sup>University Of Iowa, Carver College Of Medicine, Iowa City, IA, USA.

**77.07. Medical Students in Laparoscopic Cases: Increased Operative Time and Same Post-Operative Outcomes.** M. Mori<sup>1</sup>, A. Liao<sup>1</sup>, T. Hagopian<sup>2</sup>, S. Perez<sup>1</sup>, J. F. Sweeney<sup>1</sup>, B. Pettitt<sup>1</sup> <sup>1</sup>Emory University School Of Medicine, Surgery, Atlanta, GA, USA <sup>2</sup>University Of Southern California, Plastic And Reconstructive Surgery, Los Angeles, CA, USA.

**77.08. Perceived vs Desired Competence at Procedural Skills in 3rd Year Students Across Two Institutions.** J. Carr<sup>1</sup>, M. Meyers<sup>1</sup>, A. Deal<sup>1</sup>, F. Johnson<sup>2</sup>, T. Schwartz<sup>2</sup> <sup>1</sup>University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA <sup>2</sup>St. Louis University, St. Louis, MO, USA.

**77.09. Focused Medical Student Intersession Improves Knowledge, Technique, and Interpersonal Interactions.** C. M. Freeman<sup>1</sup>, J. M. Sutton<sup>1</sup>, D. B. Pettigrew<sup>3</sup>, P. L. Jernigan<sup>1</sup>, E. F. Midura<sup>1</sup>, J. W. Kueth<sup>1</sup>, B. R. Davis<sup>1,2</sup>, K. P. Athota<sup>1,2,3</sup> <sup>1</sup>University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA <sup>2</sup>University Of Cincinnati, Department Of Surgical Education, Cincinnati, OH, USA <sup>3</sup>University Of Cincinnati, Department Of Medical Education, Cincinnati, OH, USA.

**77.11. Development of a Novel Tool to Aid Medical Student Decisions During the Resident Application Process.** S. C. Daly<sup>1</sup>, R. A. Jacobson<sup>1</sup>, J. L. Schmidt<sup>1</sup>, B. P. Fleming<sup>1</sup>, A. Krupin<sup>1</sup>, M. B. Luu<sup>1</sup>, M. C. Anderson<sup>1</sup>, J. A. Myers<sup>1</sup> <sup>1</sup>Rush University Medical Center, Chicago, IL, USA.

**77.12. Epidemiology of Paediatric Surgery Disorders: Implications for Developing Undergraduate Curriculum.** A. O. Ademuyiwa<sup>1</sup>, C. O. Bode<sup>1</sup>, B. C. Nwomeh<sup>2</sup> <sup>1</sup>University Of Lagos, Paediatric Surgery/ Surgery/College Of Medicine, Lagos, LAGOS, Nigeria <sup>2</sup>Ohio State University, Paediatric Surgery/ Surgery, Columbus, OH, USA.

**77.13. Trauma Education in a State of Emergency: A Curriculum-based Analysis.** S. D. Waterford<sup>1</sup>, M. Williams<sup>4</sup>, P. M. Fisichella<sup>3</sup>, A. Leberthal<sup>2,3</sup> <sup>1</sup>Massachusetts General Hospital, Department Of General Surgery, Boston, MA, USA <sup>2</sup>Brigham And Women's Hospital, Division Of Thoracic Surgery, Boston, MA, USA <sup>3</sup>Boston VA Healthcare System, Department Of Surgery, Boston, MA, USA <sup>4</sup>Oakwood Southshore Medical Center, Department Of General Surgery, Trenton, MI, USA.

**77.14. Improvement of an Acute Care Surgery Medical Student Rotation: Use of Feedback & Loop Closure.** J. R. Cherry-Bukowiec<sup>1</sup>, D. A. Machado-Aranda<sup>1</sup>, K. To<sup>1</sup>, K. Raghavendran<sup>1</sup>, M. J. Englesbe<sup>1</sup>, L. M. Napolitano<sup>1</sup> <sup>1</sup>University Of Michigan, Surgery, Ann Arbor, MI, USA.

**77.15. Medical Student Perceptions of the Operating Room in Acute Care Surgery.** D. A. Machado-Aranda<sup>1</sup>, J. Cherry-Bukowiec<sup>1</sup>, K. To<sup>1</sup>, M. Englesbe<sup>2</sup>, L. M. Napolitano<sup>1</sup>, K. Raghavendran<sup>1</sup> <sup>1</sup>University Of Michigan, Division Of Acute Care Surgery/ Department Of Surgery, Ann Arbor, MI, USA <sup>2</sup>University Of Michigan, Division Of Transplant Surgery/ Department Of Surgery, Ann Arbor, MI, USA.

**77.16. The Characteristics of Lurkers for a Twitter-based International General Surgery Journal Club.** S. B. Bryczkowski<sup>1</sup>, C. Jones<sup>4</sup>, N. J. Gusani<sup>3</sup>, L. Kao<sup>5</sup>, B. C. Nwomeh<sup>4</sup>, K. Reid Lombardo<sup>7</sup>, M. E. Zenilman<sup>6</sup>, A. Cochran<sup>2</sup> <sup>1</sup>New Jersey Medical School, Surgery, Newark, NJ, USA <sup>2</sup>University Of Utah, Surgery, Salt Lake City, UT, USA <sup>3</sup>Penn State University College Of Medicine, Surgery, Hershey, PA, USA <sup>4</sup>Ohio State University, Surgery, Columbus, OH, USA <sup>5</sup>University Of Texas Health Science Center At Houston, Surgery, Houston, TX, USA <sup>6</sup>Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA <sup>7</sup>Mayo Clinic, Surgery, Rochester, MN, USA.

# FACULTY LISTING



**Fizan Abdullah**, The Johns Hopkins University School of Medicine, Baltimore, MD, USA  
**Suresh Agarwal**, University of Wisconsin, Madison, WI, USA  
**Vanita Ahuja**, WellSpan York Hospital, York, PA, USA  
**Hasan B. Alam**, Univ of MI Health System, Ann Arbor, MI, USA  
**Steven Ray Allen**, Hosp Univ of PA, Philadelphia, PA, USA  
**Daniel A. Anaya**, Baylor College of Med, Houston, TX, USA  
**Peter Angelos**, University of Chicago Medicine, Chicago, IL, USA  
**Chandranth Are**, University of Nebraska Medical Center, Omaha, NE, USA  
**Edward M. Bahnson**, Northwestern University, Chicago, IL, USA  
**Peyman Benharash**, University of California, Los Angeles, Los Angeles, CA, USA  
**David J. Bentrem**, Northwestern University, Chicago, IL, USA  
**Stephen William Bickler**, Rady Childrens Hospital--University of California, San Diego, San Diego, CA, USA  
**Karl Y. Bilimoria**, Northwestern University, Chicago, IL, USA  
**Juliane Bingener-Casey**, Mayo Clinic, Rochester, MN, USA  
**Sarah Lynn Blair**, University of California San Diego, San Diego, CA, USA  
**Cherif Boutros**, Univ of Maryland, Baltimore, MD, USA  
**Luke Packard Brewster**, Emory Clinic, Decatur, GA, USA  
**Rebecca Caperton Britt**, Eastern Virginia Medical School, Norfolk, VA, USA  
**Marybeth Browne**, Children's Hospital of Lehigh Valley Health Network, Allentown, PA, USA  
**Brandon Robert Bruns**, R Adams Cowley Chock Trauma Center at the University of Maryland, Baltimore, MD, USA  
**John L. Cameron**, The Johns Hopkins Medical Institutions, Baltimore, MD, USA  
**Geoffrey P. Candy**, University of the Witwatersrand, Johannesburg, South Africa  
**Joseph Carcillo**, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA  
**George J.S. Chang**, UT MD Anderson Cancer Ctr, Houston, TX, USA  
**Clifford S. Cho**, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA  
**Mustafa Cikirikcioglu**, University Hospitals of Geneva, Geneva, Switzerland  
**Amalia L. Cochran**, University of Utah, Salt Lake City, UT, USA  
**Zara Cooper**, Brigham & Women's Hospital, Boston, MA, USA  
**Edward E. Cornwell**, Howard Univ Hospital, Washington, DC, USA  
**Jeff Cutler**, Vitals, Lyndhurst, NJ, USA  
**Tomer Davidov**, Rutgers University - Robert Wood Johnson Medical School, New Brunswick, NJ, NJ, USA  
**Paolo De Coppi**, UCL Institute of Child Health, London, England  
**Haile T. Debas**, University of California, San Francisco, San Francisco, CA, USA  
**Dev M. Desai**, University of Texas Southwestern Medical Center, Dallas, TX, USA

**Karen Devon**, University of Toronto, Toronto, ON, Canada  
**Lawrence N. Diebel**, Wayne State University, Detroit, MI, USA  
**Hal Dietz**, Johns Hopkins University School of Medicine, Baltimore, MD, USA  
**Justin B. Dimick**, University of Michigan, Ann Arbor, MI, USA  
**William Dinsmoor**, Nebraska Medicine, Omaha, NE, USA  
**Timothy Ryan Donahue**, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA  
**Jonathan Efron**, Johns Hopkins University, Baltimore, MD, USA  
**Dan Eisenberg**, Stanford School of Medicine and Palo Alto VA HCS, Palo Alto, CA, USA  
**Akpofure Peter Ekeh**, Wright State University, Dayton, OH, USA  
**Michael J. Englesbe**, University of Michigan, Ann Arbor, MI, USA  
**Nestor Felix Esnaola**, Fox Chase Cancer Center, Philadelphia, PA, USA  
**Jeffrey Michael Farma**, Fox Chase Cancer Center, Philadelphia, PA, USA  
**Samuel R. G. Finlayson**, University of Utah School of Medicine, Salt Lake City, UT, USA  
**Piero Marco Fisichella**, Brigham and Women's - Boston VA, Boston, MA, USA  
**Julie Ann Freischlag**, UC Davis Health System, Sacramento, CA, USA  
**Luke M. Funk**, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA  
**Barbara A. Gaines**, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA  
**Sabha Ganai**, Southern Illinois University, Springfield, IL, USA  
**Christopher Paul Gayer**, Children's Hospital Los Angeles, University of Southern California, Los Angeles, CA, USA  
**Sunil K. Geevarghese**, Vanderbilt University Medical Center, Nashville, TN, USA  
**Amir Abbas Ghaferi**, University of Michigan, Ann Arbor, MI, USA  
**George K. Gittes**, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA  
**Marc Gladman**, Sydney Medical School - Concord, University of Sydney, Sydney, Australia  
**Jason Samuel Gold**, VA Boston Healthcare System/Harvard Medical School (BWH), West Roxbury, MA, USA  
**Jeffrey P. Gold**, University of Nebraska, Omaha, NE, USA  
**Michael David Goodman**, University of Cincinnati, Cincinnati, OH, USA  
**Ankush Gosain**, University of Wisconsin, American Family Children's Hospital, Madison, WI, USA  
**David M. Gourlay**, Medical College of Wisconsin, Milwaukee, WI, USA  
**Caprice C. Greenberg**, University of Wisconsin- Madison, Madison, WI, USA  
**Jacob Andrew Greenberg**, University of Wisconsin, Madison, WI, USA  
**Tracy Cannon Grikscheit**, Children's Hospital Los Angeles, Los Angeles, CA, USA  
**Weidun Alan Guo**, SUNY at Buffalo, Buffalo, NY, USA  
**Niraj J. Gusani**, Penn State College of Medicine, Hershey, PA, USA

**Raul J. Guzman**, Beth Israel Deaconess Medical Center, Boston, MA, USA  
**Elizabeth Habermann**, Mayo Clinic, Rochester, MN, USA  
**David J. Hackam**, Johns Hopkins University, Baltimore, MD, USA  
**Adil H. Haider**, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA  
**Kristi Harold**, Mayo Clinic, Scottsdale, AZ, USA  
**Imran Hassan**, University of Iowa, Iowa City, IA, USA  
**Elliott R. Haut**, Johns Hopkins Medicine, Baltimore, MD, USA  
**Joaquin Michael Havens**, Brigham and Women's Hospital, Boston, MA, USA  
**Mary Hawn**, Univ of Alabama at Birmingham, Birmingham, AL, USA  
**O. Joe Hines**, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA  
**Hitoshi Hirose**, Thomas Jefferson University, Philadelphia, PA, USA  
**Andrew W. Hoel**, Northwestern University Feinberg School of Medicine, Chicago, IL, USA  
**Ai-Xuan L. Holterman**, OSF Healthcare, Peoria, IL, USA  
**Sergio Huerta**, University of Texas Southwestern, Dallas, TX, USA  
**Catherine Jane Hunter**, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, IL, USA  
**Kamran Idrees**, Vanderbilt University, Nashville, TN, USA  
**Kenji Inaba**, University of Southern California, Los Angeles, CA, USA  
**Saleem Islam**, University of Florida, Gainesville, FL, USA  
**Brian Jacob**, Icahn School of Medicine at Mount Sinai, NY, New York City, NY, USA  
**Dean Jamison**, University of Washington Department of Global Health, Seattle, WA, USA  
**Muneera Rehana Kapadia**, Univ of Iowa, Iowa City, IA, USA  
**Giorgos Constantine Karakousis**, Hospital of the Univ of PA, Philadelphia, PA, USA  
**Steven C. Katz**, Roger Williams Medical Center, Providence, RI, USA  
**Electron Kebebew**, National Cancer Institute Surgery Branch CRC, Bethesda, MD, USA  
**Rachel R. Kelz**, University of Pennsylvania, Philadelphia, PA, USA  
**Gregory Dean Kennedy**, University of Wisconsin School of Medicine and Public Health - Department of Surgery, Madison, WI, USA  
**Sundee Govind Keswani**, Cincinnati Children's Hospital, Cincinnati, OH, USA  
**Melina R. Kibbe**, Northwestern University, Chicago, IL, USA  
**Joseph Kim**, City of Hope, Duarte, CA, USA  
**Eugene Sungkyun Kim**, University of Southern California Keck School of Medicine, Los Angeles, CA, USA  
**Anthony W. Kim**, Yale School of Medicine, New Haven, CT, CT, USA  
**Eric T. Kimchi**, Medical Univ of SC, Charleston, SC, USA  
**Clifford Y. Ko**, UCLA School of Med, Los Angeles, CA, USA  
**Sanjay Krishnaswami**, Oregon Health and Science University, Portland, OR, USA  
**Robert Scott Krouse**, University of Arizona, Tucson, AZ, USA

## FACULTY LISTING (continued)

- Swati Kulkarni**, University of Chicago, Chicago, IL, USA
- Christine Lai**, The Queen Elizabeth Hospital, Adelaide, Australia
- Julie Eileen Lang**, USC Health Sciences Campus, Los Angeles, CA, USA
- John Thomas Langell**, Univ of Utah, Salt Lake City, UT, USA
- James Nathan Lau**, Stanford Univ School of Med, Stanford, CA, USA
- Clara Lee**, University of North Carolina Chapel Hill, Chapel Hill, NC, USA
- Timothy Chen-An Lee**, Baylor College of Medicine, Houston, TX, USA
- John I. Lew**, University of Miami Miller School of Medicine, Miami, FL, USA
- Kenneth W. Liechty**, University of Colorado School of Medicine, Aurora, CO, USA
- Michael T. Longaker**, Stanford University, Atherton, CA, USA
- Monica Esperanza Lopez**, Baylor College of Medicine, Houston, TX, USA
- Hermann Peter Lorenz**, Stanford University School of Medicine, Stanford, CA, USA
- Carrie C. Lubitz**, Massachusetts General Hospital, Boston, MA, USA
- Melinda A. Maggard-Gibbons**, UCLA, Los Angeles, CA, USA
- Oveys Mansuri**, University of Nebraska Medical Center, Omaha, NE, USA
- Julie Ann Margenthaler**, Washington University School of Medicine, St. Louis, MO, USA
- Matthew Jeffrey Martin**, Madigan Army Medical Center, Tacoma, WA, USA
- Jeffrey B. Matthews**, The University of Chicago, Chicago, IL, USA
- Marc Lee Melcher**, Stanford University, Palo Alto, CA, USA
- Marcovaleerio Melis**, NYU Langone Medical Center, New York, NY, USA
- David W. Mercer**, Univ of Nebraska Med Ctr, Omaha, NE, USA
- Funda Meric Bernstam**, The University of Texas MD Anderson Cancer Center, Houston, TX, USA
- Stefanos George Millas**, University of Texas Medical School, Houston, TX, USA
- Charles Mock**, University of Washington, Seattle, WA, USA
- Kevin Patrick Mollen**, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA
- Peter Muscarella**, The Ohio State University, Columbus, OH, USA
- Mayur Narayan**, University of Maryland, Baltimore, MD, USA
- Heidi Nelson**, Mayo Clinic, Rochester, MN, USA
- Heather Neuman**, Univ of Wisconsin, Madison, WI, USA
- Leigh A. Neumayer**, University of Arizona College of Medicine-Tucson, Tucson, AZ, USA
- Lauren Hersch Nicholas**, Johns Hopkins School of Public Health and School of Medicine, Baltimore, MD, USA
- Stephanie Lynn Nitzschke**, Brigham and Women's Hospital, Boston, MA, USA
- Benedict C. Nwomeh**, The Ohio State University, Columbus, OH, USA
- Shay O'Mara**, Cardiovascular Surgical Clinic, Jackson, MS, USA
- Frank Opelka**, LSU Health, New Orleans, LA, USA
- Marshall J. Orloff**, University of California, San Diego, San Diego, CA, USA
- Susan L. Orloff**, Oregon Health & Science University, Portland, OR, USA
- Nicholas H. Osborne**, University of Michigan, Ann Arbor, MI
- Daniel J. Ostlie**, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA
- Priti P. Parikh**, Wright State Univ, Dayton, OH, USA
- Purvi Yogesh Parikh**, Stony Brook University, Stony Brook, NY, USA
- Timothy M. Pawlik**, Johns Hopkins University, Baltimore, MD, USA
- Carlos A. Pellegrini**, Univ of Washington, Seattle, WA, USA
- Kyle Andrew Perry**, The Ohio State University, Columbus, OH, USA
- George A. Poultsides**, Stanford University, Stanford, CA, USA
- Carla Marie Pugh**, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA
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# **10<sup>th</sup> Annual Academic Surgical Congress**

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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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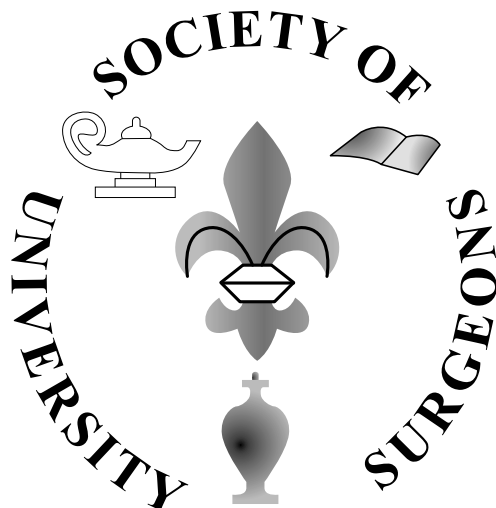
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**SOCIETY OF UNIVERSITY SURGEONS (SUS)**



# **The Society of University Surgeons Seventy-Sixth Annual Meeting**

**February 3 - 5, 2015  
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Tel: 310-986-6442  
Fax: 310-437-0585

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email: yumi@susweb.org

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## Society of University Surgeons Executive Council:

**Front Row (l-r):** Rebekah White, MD; Susan Orloff, MD; Allan Tsung, MD; Rebecca Minter, MD; David Hackam, MD, PhD, FACS; Sharon Weber, MD; George Yang, MD, PhD; Taylor Riall, MD, PhD

**Back Row (l-r):** Dev Desai, MD, PhD; Allan Goldstein, MD; Mary Hawn, MD; Kelli Bullard-Dunn, MD; Adil Haider, MD, MPH; Greg Kennedy, MD, PhD; Scott Steele, MD; Thomas Aloia, MD, MD; Paul Kuo, MD; Kasper Wang, MD

**Not Pictured:** Peter Angelos, MD, PhD; Dai Chung, MD; Tim Donahue, MD; O. Joe Hines, MD; Daniel Meldrum, MD; David Mercer, MD; Carla Pugh, MD; Matthew Rosengart, MD; Frank Sellke, MD

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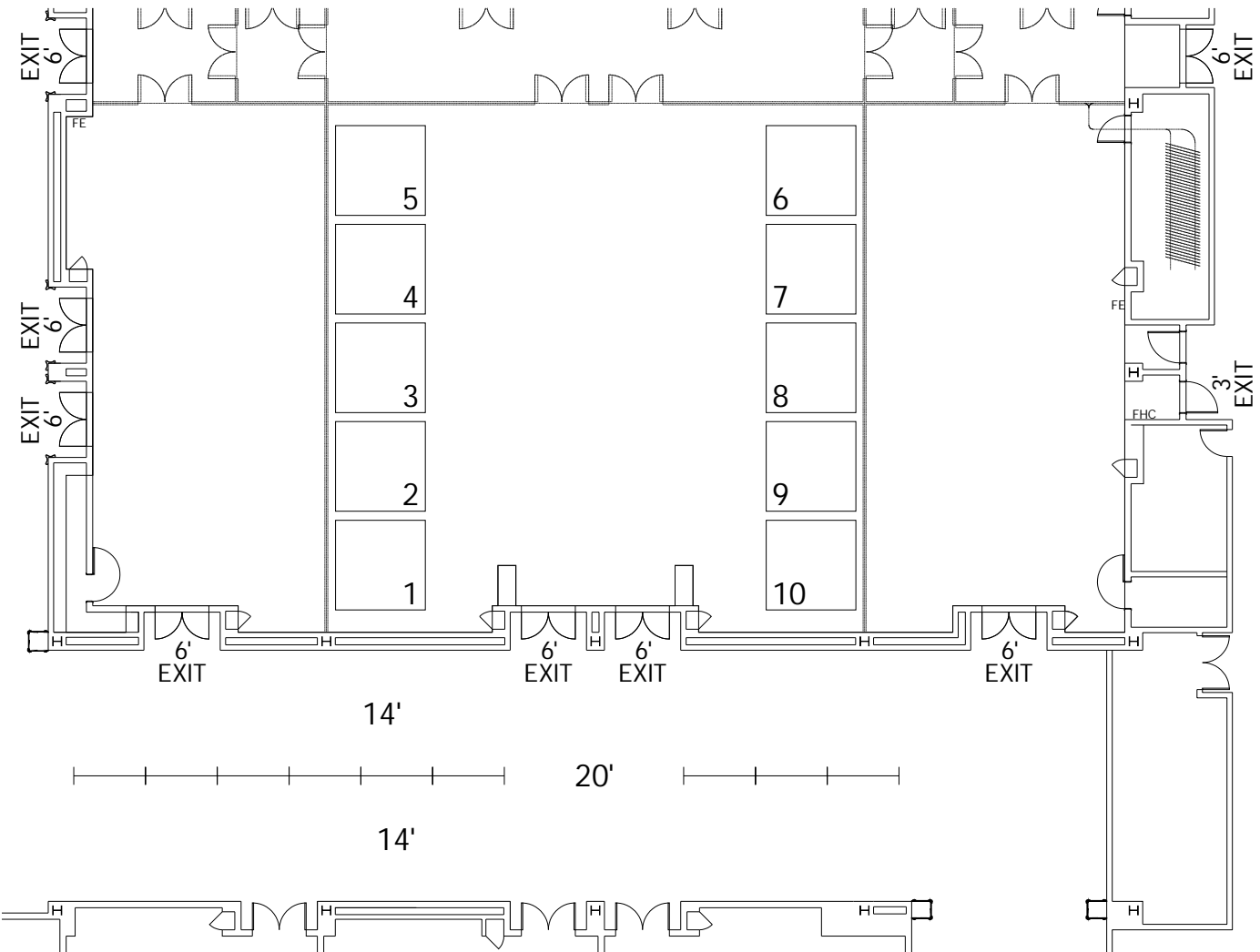
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# Exhibitor Hall Floor Plan



## Exhibitor List & Exhibit Locations

### ASC National Surgical Quality Improvement Program

**Exhibit #5**

633 N. Saint Clair Street  
Chicago, IL 60611  
Tel: 312-202-5607  
Fax: 312-202-5062  
Web: [www.facs.org/quality](http://www.facs.org/quality)

The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) is the first nationally validated, clinical outcomes-based program to measure and improve the quality of surgical care. ACS NSQIP provides valid benchmarking amongst all participating hospitals and evidence-based clinical data.

### Doctella

**Exhibit #4**

440 North Wolfe Rd.  
Sunnyvale, CA 94085  
Tel: 408-234-0520  
Web: [www.doctella.com](http://www.doctella.com)

Today based on estimates over 250,000 patients die and 2M patients get hurt due to preventable medical errors wasting \$30B. Research suggests that patients who prepare get better and safer care. Doctella helps patients and families prepare for their surgery by providing checklists in mobile, web and print formats.

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3305 Spring Mountain Rd, #80  
Las Vegas, NV 89102  
Tel: 702-272-2666  
Fax: 702-538-9180

Expo Enterprise Inc provides ultrasonic aroma therapy diffusers that disperse natural aromas and create healthy living environments using advanced air technologies with many benefits over heat-based diffusers that use candles or heat elements.

### Feel Good, Inc.

**Exhibit #3**

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**Exhibit #9**

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Wallingford, CT 06492  
Tel: 800-872-5652  
Fax: 203-269-6075  
Web: [www.hitachi-aloka.com](http://www.hitachi-aloka.com)

Hitachi Aloka Medical's commitment to ultrasound for surgeons offers a wide range of consoles and specifically designed transducers to meet the needs of every surgeon. Recognized for our superior image quality, system reliability and use of cutting edge technology, we remain the standard in the field of ultrasound for surgeons.

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**Exhibit #6**

330 N. Wabash Avenue, Suite 39300  
Chicago, IL 60611  
Tel: 312-464-5000  
Fax: 312-464-5831  
Web: [www.jamanetwork.com](http://www.jamanetwork.com)

Building on a tradition of editorial excellence, The JAMA Network brings JAMA together with ten specialty journals to offer enhanced access to the research, viewpoints, and medical news shaping medicine today and into the future. *JAMA Oncology*, a new peer-reviewed journal, will publish in early 2015.

### Kyoui

**Exhibit #8**

6245 Harrison Dr. #6  
Las Vegas, NV 89120  
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### University of

**Exhibit #10**

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Madison, WI 53792  
Tel: 608-263-5218  
Fax: 608-263-0454  
Web: [www.surgery.wisc.edu/research/researchers-labs/pugh/](http://www.surgery.wisc.edu/research/researchers-labs/pugh/)

Dr. Pugh's lab consists of simulation technology research for medical/ surgical education, using this to assess and quantitatively define hands-on clinical skills. Fabricated tools, mannequins embedded with sensors plus motion monitor systems tracking hand movements are used. Analyzing and quantifying these to implement further training standards and protocols in medical education.

## Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

