



16th Annual Academic Surgical Congress

A Virtual Experience
February 2-4, 2021

Program

www.academicsurgicalcongress.org

CME INFORMATION

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.

CME ACCREDITATION

LIVE ACTIVITY

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

The PESI, Inc. designates this live activity for a maximum of **21.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

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

ENDURING/ON-DEMAND ACTIVITY

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

The PESI, Inc. designates this live activity for a maximum of **108.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

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

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 calls. 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 and moderators for the Academic Surgical Congress must provide their financial disclosures upon invitation to serve as faculty or moderator. 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.

CME INFORMATION

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 may 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. 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.
6. Any session moderators with a potential conflict must:
 - a. Confer with their Session Co-Moderator regarding their disclosures prior to the session.

If their disclosed relationship may have a potential conflict of interest with the content of any presentation in their session, both moderators should address this potential conflict. If there is a conflict, or even the perception of a conflict, then the moderator without the relationship will moderate the discussion of that particular presentation.

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** 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, 2021**. 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.

Tuesday, February 2, 2021

All Times Listed in Eastern Time

- 10:00 AM – 11:30 AM **Integrated QuickShot Presentations Sessions #1-9**
- 1 - Cardiothoracic/Vascular/Transplant Surgery Basic Science QuickShot Session**
- Moderators: Austin Schnek, MD, PhD & Bryan Whitson, MD, PhD
- 2 - Clinical/Outcomes Colorectal QuickShot Session**
- Moderators: Jessica Cohan, MA & David Stewart, MD
- 3 - Clinical/Outcomes Cross Disciplinary and Trauma/Critical Care QuickShot Session**
- Moderators: Alexandra Briggs, MD & Samilia Obeng-Gyasi, MD
- 4 - Clinical/Outcomes General Surgery QuickShot Session 1**
- Moderators: Frederick Drake, MD, MPH & Jonathan Greer, MD
- 5 - Clinical/Outcomes Hepatopancreatobiliary QuickShot Session**
- Moderators: Aslam Ejaz, MD, MPH & Motaz Qadan, MD, PhD
- 6 - Clinical/Outcomes Oncology QuickShot Session 1**
- Moderators: Andrew Loehrer, MD, MPH & Susanna Nazarian, MD, PhD
- 7 - Clinical/Outcomes Plastic Surgery QuickShot Session**
- Moderators: Anaeze Offodile, MD & Alex Wong, MD
- 8 - Clinical/Outcomes Upper GI/Bariatric and Trauma/Critical Care QuickShot Session**
- Moderators: Daniel Holena, MD, MSCE & Thomas Tsai, MD, MPH
- 9 - Education Cross Disciplinary QuickShot Session 1**
- Moderators: Abbey Fingeret, MD & Emily Huang, MD, MEd
- 11:30 AM – 1:00 PM **Integrated QuickShot Presentations Sessions #10-17**
- 10 - Basic Science - Cross Disciplinary QuickShot Session**
- Moderators: Karin Hardiman, MD, PhD & J. Joshua Smith, MD, PhD
- 11 - Clinical/Outcomes Cardiothoracic QuickShot Session 1**
- Moderators: Afshin Ehsan, MD & Panayotis Vardas, MD
- 12 - Clinical/Outcomes Endocrine QuickShot Session 1**
- Moderators: Toni Beninato, MD & Benjamin James, MD, MS
- 13 - Clinical/Outcomes General Surgery QuickShot Session 2**
- Moderators: Filip Bednar, MD, PhD & Srinivas Ivatury, MD, MHA
- 14 - Clinical/Outcomes Pediatric QuickShot Session 1**
- Moderators: Alana Beres, MDCM & Rebecca Rentea, MD
- 15 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 1**
- Moderators: Andrea Wolffing, MD & Andrew Young, MD
- 16 - Clinical/Outcomes Oncology QuickShot Session 2**
- Moderators: Ugwuji Maduekwe, MD, MMSc & Salewa Oseni, MD
- 17 - Resident Education QuickShot Session 1**
- Moderators: Graeme McFarland, MD & Meredith Sorensen, MD
- 1:00 PM – 1:15 PM Break

1:15 PM – 2:15 PM

Hot Topic/Committee Session: Making Surgical Training Anti-Racist

Session Chairs: Grace Chao, MD, Bellal Joseph, MD & Brenessa Lindeman, MD, MEHP

Throughout their careers, underrepresented in medicine (URiM) physicians face discrimination and microaggressions from patients, colleagues, and supervisors. This session will be a panel discussion by experts with insights into these issues, who will address different components of this problem, present unique considerations in supporting URiM physicians and trainees, and conclude with take-away points that program leaders, front-line faculty, and trainees can put into place in their own working and learning environments.

- Introduction - *Bellal Joseph, MD & Brenessa Lindeman, MD, MEHP*
- Structural Racism and Its Effect on Surgical Training - *Tanya Zakrison, MD, MPH*
- An Anti-Racism Framework - *Shakirat Lara Oyetunji, MD, MPH*
- A Medical Student Lens - *Lauren Gaston-Hawkins, MPH*
- Residents: Mentors and Mentees - *Grace Chao, MD*
- Departmental Leadership in Anti-Racism - *Julie Ann Sosa, MD, MA*
- Moderated Q&A - *Bellal Joseph, MD & Brenessa Lindeman, MD, MEHP*

At the end of the session, participants will be able to:

- Recognize elements unique to the training experiences of surgical trainees that are part of under-represented in medicine (URiM) groups.
- Elucidate effective strategies to move toward becoming anti-racist and anti-discriminatory in their thinking and behaviors.
- Implement strategies and policies that training programs and surgical departments have used to foster an inclusive learning environment.

1:15 PM – 2:15 PM

Committee Session: Tool Kit for Basic and Translational Research by Surgeon Scientists

Session Chairs: Vikas Dudeja, MD & Allan Goldstein, MD

In this session, surgeons with successful basic/translational research programs will provide insights on the value of surgeon-basic scientists to departments of surgery, strategies for obtaining NIH funding, and pearls and pitfalls to becoming a successful researcher. The session is intended for students, trainees, and faculty pursuing a surgeon-basic science career.

- Welcome and Introduction - *Vikas Dudeja, MD*
- Current State of Affairs - *Allan Goldstein, MD*
- RVUs vs ROIs: Chair's Perspective - *Herbert Chen, MD*
- Pearls and Pitfalls for Success in Basic Science Research - *Katherine Gallagher, MD*
- Inside Study Section: Where Rubber Meets the Road - *Malcolm Brock, MD*
- Lessons I've Learned as a Surgeon-Scientist - *Sundeep Keswani, MD, FAAP*
- Moderated Question & Answer - *Vikas Dudeja, MD*

At the end of the session, participants will be able to:

- Understand the perspective of surgical leadership toward supporting surgeon scientists.
- Learn common pearls and pitfalls for success as a surgeon scientist.
- Identify actionable strategies to improve your success in achieving extramural funding.

2:15 PM – 2:30 PM

Break

2:30 PM – 4:00 PM

Integrated Oral Presentations Sessions #18-23

18 - General Surgery Basic Science - Cross Disciplinary Oral Session 1

- Moderators: Nancy Cho, MD & Philip Spanheimer, MD

19 - Basic Science Pediatric Surgery Oral Session 1

- Moderators: Christopher Gayer, MD & Erika Newman, MD

20 - Cardiothoracic Surgery Outcomes Oral Session

- Moderators: Hugh Auchincloss, MD, MPH & Robert Merritt, MD

21 - General Surgery Outcomes - Cross Disciplinary Oral Session

- Moderators: Alexander Hawkins, MD, MPH & Angela Ingraham, MD, MS

22 - Pediatric/Endocrine/Oncology Surgery - Access/Quality Outcomes Oral Session

- Moderators: Oluwadamilola Fayanju, MD, MA, MPHS & Brian Gray, MD

23 - Education & Clinical - Diversity, Equity, Inclusion, PRO Oral Session

- Moderators: Kathie-Ann Joseph, MD, MPH & Oveys Mansuri, MD

4:00 PM – 4:15 PM Break

4:15 PM – 5:15 PM

AAS Presidential Address: “Baby on Board: Safeguarding the Next Generation of Academic Surgeons”

Based on the unpublished results of a nationally distributed survey, Dr. Kim outlines and discusses the challenges and difficulties that childbearing surgeons face in academic surgery.

- Introduction by Amir Ghaferi, MD, MS – *AAS President Elect*
- Eugene Kim, MD – *AAS President*

At the end of the session, participants will be able to:

- Outline the risk factors for infertility in childbearing surgeons, as well as the financial impact of assisted reproductive technology.
- Discuss the difficulties of miscarriage in childbearing surgeons.
- Understand the complications of pregnancy in childbearing surgeons and the role they play in burnout, wellbeing, and career satisfaction.

5:15 PM – 5:45 PM

AAS Founder’s Lecture: “The Imperative for Diversity in Academic Surgery”

This talk will establish the importance of achieving racial and gender diversity to promote health equity and sustain the vitality of academic surgery.

- Introduction by Eugene Kim, MD – *AAS President*
- Henri Ford, MD

At the end of the session, participants will be able to:

- Identify Health disparities: rationale for a diverse medical workforce.
- Understand barriers that prevent underrepresented minorities (URM) and women from advancing to leadership in American Surgery.
- Discuss challenges facing URM and women leaders in overcoming barriers and addressing health disparities.

5:45 PM – 6:00 PM Break

6:00 PM – 7:30 PM

#WeRise – The Solidarity Campaign amongst Surgical Organizations Committed to Building a Better World

Session Chairs: Callisia Clarke MD, MS & Thomas K. Varghese Jr. MD, MS

The results of the 2010 US Census indicate that the racial and ethnic makeup of the United States will undergo dramatic changes over the next few decades. By the year 2050, there will no longer be any clear racial and ethnic majority. Diversity in the healthcare workforce is critical for patient care and scientific research in the 21st century. The discipline of surgery, particularly academic surgery, historically has had significant deficiencies in diversity, equity, and inclusion, especially as it relates to race and ethnicity, gender, and sexual/gender or religious minorities. Though there seems to be universal support for diversity and inclusion amongst the workforce and leadership, the path forward is unclear. A coalition of surgical societies – Association for Academic Surgery, Society of University Surgeons, Society of Black Academic Surgeons, Association of Women Surgeons, Latino Surgical Society, Society of Asian Academic Surgeons, and Society of Clinical Chairs – has been formed to help raise awareness of the issues; chart a course that addresses and corrects past deficiencies in surgical education, research and training; and launch programs to recruit and retain more diverse faculty, residents and leaders to ultimately improve patient care, enhance productivity, and better serve our communities at large. This Hot Topic session will review the current status, define best practices, and map out the principles of our solidarity efforts.

- Latino Surgical Society - *Minerva Romero Arenas, MD, MPH*
- Association of Women Surgeons - *Marie Crandall, MD, MPH*
- Society of Black Academic Surgeons – *KMarie King, MD, MS, MBA, FACS*

- Association of Out Surgeons and Allies – *Nicole Goulet, MD*
- Society of Asian Academic Surgeons – *Tracy Wang, MD, MPH*
- Additional Panelists – *Eugene Kim, MD & Sandra Wong, MD, MS*

At the end of the session, participants will be able to:

- Reflect on the history of racism and discrimination, as well as recognize and identify the remaining pillars of structural racism and discrimination in the field of academic surgery.
- Critically evaluate the status and broaden the lens of inclusion for those at the intersections of race, gender, or LGBTQ+ in the discipline of academic surgery.

Wednesday, February 3, 2021

All Times Listed in Eastern Time

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|---------------------|---|
| 8:30 AM – 10:00 AM | Satellite Symposium (Non-CME) |
| 10:00 AM – 11:30 AM | <p>Integrated QuickShot Presentations Sessions #24-31</p> <p>24 - Pediatric Surgery Basic Science QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Genevieve Boland, MD, PhD & Lindsay Talbot, MD <p>25 - Clinical/Outcomes Breast QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Chandler Cortina, MD & M. Catherine Lee, MD <p>26 - Clinical/Outcomes Cardiothoracic QuickShot Session 2</p> <ul style="list-style-type: none"> - Moderators: Rian Hasson, MD & Joseph Phillips, MD <p>27 - Clinical/Outcomes Endocrine QuickShot Session 2</p> <ul style="list-style-type: none"> - Moderators: Lindsay Kuo, MD, MBA & John Phay, MD <p>28 - Clinical/Outcomes Global Surgery QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Theresa Chin, MD, MPH & Gifty Kwakye, MD, MPH <p>29 - Clinical/Outcomes Pediatric and Trauma/Critical Care QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Elizabeth Fialkowski, MD & Michael Smith, MD <p>30 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 2</p> <ul style="list-style-type: none"> - Moderators: Pam Choi, MD & Michael Goodman, MD <p>31 - Clinical/Outcomes Transplant Surgery QuickShot Session 1</p> <ul style="list-style-type: none"> - Moderators: Joel Adler, MD, MPH & Paige Porrett, MD, PhD |
| 11:30 AM – 1:00 PM | <p>Integrated QuickShot Presentations Sessions #32-39</p> <p>32 - Endocrine/Trauma Surgery Basic Science QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Priya Dedhia, MD, PhD & Heather Wachtel, MD <p>33 - Clinical/Outcomes General Surgery QuickShot Session 3</p> <ul style="list-style-type: none"> - Moderators: Sophie Dream, MD & Weidun Guo, MD, PhD <p>34 - Clinical/Outcomes HPB And Trauma/Critical Care QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Annabelle Fonseca, MD & Susan Tsai, MD, MHS <p>35 - Clinical/Outcomes Vascular Surgery QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: James Iannuzzi, MD, MPH & Peter Nelson, MD, MS <p>36 - Clinical/Outcomes Pediatric QuickShot Session 2</p> <ul style="list-style-type: none"> - Moderators: Lorraine Kelley-Quon, MD, MSHS & Barrie Rich, MD <p>37 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 3</p> <ul style="list-style-type: none"> - Moderators: Tejal Brahmabhatt, MD & Ryan Spurrier, MD <p>38 - Clinical/Outcomes Upper GI/Bariatric QuickShot Session</p> <ul style="list-style-type: none"> - Moderators: Jayleen Grams, MD, PhD & Carla Holcomb, MD, MSPH <p>39 - Resident Education QuickShot Session 2</p> <ul style="list-style-type: none"> - Moderators: Mary Austin, MD, MPH & Britney Corey, MD |
| 1:00 PM – 1:15 PM | Break |

1:15 PM – 2:15 PM

Hot Topic/Committee Session: Flexibility and Leadership in Uncertain Times: Pandemics, Prejudices and Principles

Session Chairs: Catherine Velopulos, MD, MHS, AAS Leadership Chair; Luke Funk, MP, MPH, AAS Leadership Co-Chair, Lorena Gonzalez, MD; Michael O'Leary, MD; Jason Bingham, MD, AAS Military Taskforce

Recognizing that we can no longer uphold the status quo, particularly in a time where medical and public health issues have been politicized, surgical leaders are increasingly finding a voice to address a variety of charged, but necessary issues, and surgeons play an important role in addressing problems that call for flexibility and agility. As an entity proactively addressing uncertainty in everyday operations, the military experience offers a useful perspective on developing leadership frameworks on which to proceed.

- Welcome - *Catherine Velopulos, MD, MHS*
- Speaker Introductions - *Lorena Gonzalez, MD & Michael O'Leary, MD*
- The Impact of the COVID-19 Pandemic on the Field of Surgery, Training and Academic Productivity - *Timothy Pawlik, MD, MPH, PhD*
- The Impact of the COVID-19 Pandemic on the Field of Surgery and Academic Productivity - *Melina Kibbe, MD, FAHA*
- Speaker Introduction - *Luke Funk, MD, MPH*
- Public Health Crisis: Addressing Racism and Health Inequity from the Top - *Brian Williams, MD*
- Speaker Introduction – *Jason Bingham, MD*
- Timeless Principles: Military Perspective in Flexible Leadership – *Diego Vicente, MD*
- Question & Answer

At the end of the session, participants will be able to:

- Discuss the impact of the pandemic on management of surgical disease as well as the health safety of both patients and healthcare providers.
- Describe the impact of the pandemic on surgical training, junior faculty career development and academic surgeon productivity.
- Understand the importance of adapting leadership styles, particularly in times of crisis.
- Learn how leadership informs advocacy and health policy to address public health issues.
- Identify how military leadership experience can inform academic leadership.

1:15 PM – 2:15 PM

Mobile Health Technology – An Opportunity to Measure What Matters Most

Mobile technologies – smartphones, wearables, physiologic sensors – are already in the hands of many of our patients, and there is a growing interest in harnessing the capabilities of these technologies to improve the quality of surgical care delivery. And yet, with all the technological sophistication and “big data” mobile health technology provides, implementation has been varied. The purpose of this session is to introduce the clinical applications of mobile health technologies and discuss potential barriers and pitfalls associated with implementation.

- Background of Mobile Health Technology and Introduction of Speakers – *Nikhil Panda, MD, MPH*
- Remote Digital Measurement of Health-Related Quality of Life and Patient-Reported Outcome Measures – *Andrea Pusic, MD*
- Opportunities for Enhanced Recovery Monitoring Using Smartphone Sensor Data – *Alex Haynes, MD, MPH*
- Mobile Health Technology and the 2020 Pandemics – *Numa Perez, MD*
- Patient-Facing Mobile Health Technologies – *Feibi Zheng, MD, MBA*
- Moderated Question & Answer - *Nikhil Panda, MD, MPH*

At the end of the session, participants will be able to:

- Recognize clinical applications of mobile health technologies during pre- and postoperative surgical care.
- Identify facilitators of and barriers to implementation of mobile health technologies at patient, provider, and health system levels.

2:15 PM – 2:30 PM	Break
2:30 PM – 4:00 PM	<p>Integrated Oral Presentations Sessions #40-44</p> <p>40 - Oncology Basic Science Oral Session</p> <ul style="list-style-type: none"> - Moderators: Stephanie Downs-Canner, MD & Jason Gold, MD <p>41 - Trauma/Critical Care Basic Science Oral Session</p> <ul style="list-style-type: none"> - Moderators: Matthew Neal, MD & Sharven Taghavi, MD, MPH, MS <p>42 - Trauma/General Surgery Outcomes Oral Session</p> <ul style="list-style-type: none"> - Moderators: Molly Jarman, PhD, MPH & Anne Stey, MD, MSc <p>43 - Vascular/General Surgery Outcomes Oral Session</p> <ul style="list-style-type: none"> - Moderators: Anahita Dua, MD, MS, MBA & Mohamad Hussain, MD, PhD <p>44 - Education - General Surgery Oral Session</p> <ul style="list-style-type: none"> - Moderators: Brenessa Lindeman, MD & Kevin Pei, MD, MHSEd
4:00 PM – 4:15 PM	Break
4:15 PM – 4:45 PM	<p>SUS Lifetime Achievement Award</p> <ul style="list-style-type: none"> - Introduction by Cristina Ferrone, MD - Recipient: Keith Lillemoe, MD <p>SUS Trailblazer Award</p> <ul style="list-style-type: none"> - Introduction by Herbert Chen, MD - Recipient: George Yang, MD, PhD
4:45 PM – 5:45 PM	<p>SUS Presidential Address: “Fueling Self-Efficacy”</p> <p>Self-efficacy has been extensively studied as it relates to human endeavors and can be simply defined as the belief that one can achieve what one sets out to do. Just as self-efficacy principles can improve patients’ health behaviors, increasing self-efficacy can improve the performance of academic surgeons. This talk will focus on the four factors which fuel self-efficacy, noting the role of professional societies in promoting the ability to master challenging problems and recover from setbacks.</p> <ul style="list-style-type: none"> - Introduction by Kasper Wang, MD - Sandra Wong, MD, MS - <i>SUS President</i> <p>At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> - Understand the concept of self-efficacy and how an individual’s self-efficacy plays a role in how goals, tasks, and challenges are approached. - Identify the roles that professional societies can play in promoting academic surgeons and, ultimately, self-efficacy. <p>SUS Presidential Session – “Storytelling: The Power of a Narrative”</p> <p>This session will highlight elements of storytelling which can be used to improve communication and propel change. The speakers will share their personal and professional narratives.</p> <ul style="list-style-type: none"> - Introduction by Sandra Wong, MD, MS - <i>SUS President</i> - When Things Fall Apart: Leading through Crisis - Jo Buyske, MD, DABS - Impossible - Kelly McMasters, MD, PhD - Turning Public Narrative into Action - Joseph Sakran, MD, MPH, MPA <p>At the end of the session, participants will be able to:</p> <ul style="list-style-type: none"> - Identify the elements of storytelling which can be used as transformation tools. - Understand the impact of one’s experiences on shaping a personal and professional narrative
5:45 PM – 6:00 PM	Break
6:00 PM – 7:00 PM	SUS Business Meeting – Members Only

7:00 PM – 8:30 PM **2021 SimNow Virtual Games**
Sponsored by Intuitive Surgical

An exciting evening of head-to-head simulation-based competition and learning.

Thursday, February 4, 2021

All Times Listed in Eastern Time

10:00 AM – 11:30 AM **Integrated QuickShot Presentations Sessions #45-52**

45 - Oncology/HPB Basic Science QuickShot Session
- Moderators: Joal Beane, MD & Michael Kim, MD

46 - Clinical/Outcomes Cardiothoracic QuickShot Session 3
- Moderators: Johannes Kratz, MD & Gita Mody, MD

47 - Clinical/Outcomes Cross Disciplinary QuickShot Session
- Moderators: Rita Mukhtar, MD & Susan Pitt, MD

48 - Clinical/Outcomes Endocrine QuickShot Session 3
- Moderators: Colleen Kiernan, MD & Sarah Oltmann, MD

49 - Clinical/Outcomes General Surgery and Trauma/Critical Care QuickShot Session
- Moderators: Jared Gallaher, MD, MPH & Vanessa Ho, MD, MPH

50 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 4
- Moderators: Haejin In, MD, MBA, MPH & Nakul Raykar, MD

51 - Clinical/Outcomes Transplant Surgery QuickShot Session 2
- Moderators: Irene Kim, MD & Babak Orandi, MD, PhD, MSc

52 - Education Cross Disciplinary QuickShot Session 2
- Moderators: Kelly Haisley, MD & Tara Kent, MD

11:30 AM – 1:00 PM **Integrated QuickShot Presentations Sessions #53-60**

53 - Clinical/Outcomes Colorectal and Trauma/Critical Care QuickShot Session
- Moderators: Robert Hollis, MD, MSPH & Daniel Popowich, MD

54 - Clinical/Outcomes General Surgery QuickShot Session 4
- Moderators: Sabrina Sanchez, MD, MPH & Insoo Suh, MD

55 - Clinical/Outcomes Global Surgery And COVID-related QuickShot Session
- Moderators: Kristin Long, MD & Syed Nabeel Zafar, MBBS, MPH

56 - Clinical/Outcomes Oncology QuickShot Session 3
- Moderators: Edmund Bartlett, MD & Christina Roland, MD, MS

57 - Clinical/Outcomes Pediatric QuickShot Session 3
- Moderators: Nicole Chandler, MD & Robert Russell, MD, MPH

58 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 5
- Moderators: Jason Bingham, MD & Jennifer Kuo, MD

59 - Clinical/Outcomes Vascular Surgery and Trauma/Critical Care QuickShot Session
- Moderators: Jonathan Meizoso, MD & Mohamed Zayed, MD, PhD

60 - General Surgery Education QuickShot Session
- Moderators: Christina Bailey, MD, MSCI & Lillian Erdahl, MD

1:00 PM – 1:15 PM Break

1:15 PM – 2:15 PM **Hot Topic Session: Emotional Regulation in Surgery: Fostering Well-Being, Performance, and Leadership**

The purpose of the session is to present the sound body of data supporting the value of emotional regulation training in surgery, and to explain the applicability of this skillset across residency training and throughout a surgeon's career. Speakers are surgeons/leaders who have successfully embraced this frontier and will discuss evidence-based practices, real-life utilization, and the practical aspects of implementation including hurdles, hidden resources, and concrete steps for moving forward. Residency program leadership, surgical wellbeing

champions, and anyone interested in emotional regulation/mental skills training in surgery should attend.

- Introduction - *Carter Lebares, MD*
- Evidence behind Enhanced Stress Resilience Training for Surgeons - *Carter Lebares, MD*
- Implementing Basic Skills Training from The Bottom Up - *Veronica Sullins, MD and Tim Donahue, MD*
- Implementing Basic Skills Training from The Top Down - *Varuna Sundaram, MD, Pierre Saldinger, MD, and Celia Divino, MD*
- Evidence Behind Mental Skills Training in Surgery - *Nicholas Anton, MD*
- Implementation Pearls and Pitfalls - *Dimitrios Stefanidis, MD, PhD*
- The Role of Systems in Wellbeing - *Linda Reilly, MD*
- Evidence-Driven Systems Change - *Richard Egan, MD*
- Implementing Joy in Work - *Kristen Beales, MD*
- Litigation, Leadership and Longevity: How to Prepare? - *Taylor Riall, MD, PhD*
- Modelling Emotional Regulation in Independent Practice - *Nancy Ascher, MD, PhD, and Quan-Yang Duh, MD*
- Developing a Longitudinal Wellbeing Program - *Rita Mukhtar, MD and Kenzo Hirose, MD*
- Moderated Question & Answer - *Carter Lebares, MD*

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

- Distinguish the various applications of emotional regulation skills across the trajectory of surgical training and practice.
- Articulate the evidence supporting emotional regulation-based interventions to improve wellbeing, performance, and job satisfaction.
- Formulate a plan for implementation of emotional regulation-based interventions at their home institution.

1:15 PM – 2:15 PM

Hot Topic Session: How to Review a Paper for a Scientific Journal: Insights from the Editors of *Surgery* and *Journal of Surgical Research*

This special session sponsored by Elsevier is designed for faculty members and surgical trainees interesting in understanding the peer-review process and in improving their skills in reviewing manuscripts for scientific journals. During the session, three current journal editors will provide insights regarding the importance of participating in the peer-review process and best practices for conducting a review and writing a constructive critique. The session will include time for attendees to ask the panel of editors questions regarding all aspects of the journal peer review process.

- Why Reviewing Manuscripts is an Essential Part of Your Academic Career – *Caitlin Hicks, MD, MS*
- The Peer-Review Landscape: 2021 – *Scott LeMaire, MD, FAHA, FCCP*
- How to Evaluate a Manuscript and Write a Critique – *Ben Nwomeh, MD, MPH*
- What Do Editors Expect from Their Reviewers? – *Steven Wexner, MD, PhD (Hon), FACS, FRCS (Eng), FRCS(Ed), FRCSI (Hon), Hon FRCS (Glasg)*
- Interactive Discussion – Panel and Attendees

At the end of the session, participants will be able to:

- Gain an understanding of why reviewing manuscripts is an important component of their careers in academic surgery and identify how reviewing papers for journals will strengthen their own science, foster their career advancement, and enable them to contribute to a fundamental academic process.
- Develop a perspective on how to incorporate peer-review into schedules that are already packed with your clinical, research, and teaching obligations.
- Learn about different models of journal publishing (traditional vs. open access), article transfer, and peer-review (single-blind vs. double-blind vs. open).
- Understand of how journals are addressing challenges related to diversity, equity, and inclusion in editorial leadership and the review process.
- Know what an editor wants from reviewers and gain an understanding of how to use the different sections of the review to optimize communication to the editor and the

authors, and they will learn how to critically evaluate clinical research papers and basic science papers.

- Identify the reasons an author chooses to submit to a particular journal and the related expectations an author has of a reviewer and an editor.

2:15 PM – 2:30 PM	Break
2:30 PM – 4:00 PM	<p>Integrated Oral Presentations Sessions #61-65</p> <p>61 - General Surgery Basic Science - Cross Disciplinary Oral Session 2</p> <ul style="list-style-type: none"> - Moderators: Christina Angeles, MD & Samilia Obeng-Gyasi, MD <p>62 - Basic Science Pediatric Surgery Oral Session 2</p> <ul style="list-style-type: none"> - Moderators: Cornelia Griggs, MD & Irving Zamora, MD <p>63 - Cardiothoracic/ HPB Surgery Outcomes Oral Session</p> <ul style="list-style-type: none"> - Moderators: Smita Sihag, MD, MPH & Iswanto Sucandy, MD <p>64 - Surgical Outcomes Cross Disciplinary Oral Session</p> <ul style="list-style-type: none"> - Moderators: Mary Austin, MD, MPH & Pasithorn Suwanabol, MD <p>65 - Education - Simulation/Assessment, Resident Training Oral Session</p> <ul style="list-style-type: none"> - Moderators: Vanita Ahuja, MD, MPH & Jacquelyn Turner, MD
4:00 PM – 4:15 PM	Break
4:10 PM – 5:15 PM	<p>AAS & SUS Research Awards</p> <p>Moderators: Eugene Kim, MD, <i>AAS President</i> & Sandra Wong, MD, MS, <i>SUS President</i></p> <ul style="list-style-type: none"> - SRS Patey Prize Winner - <i>Ian Reynolds, MRCSI, PhD</i> - ESSR Brendel Prize Winner - <i>Can Gollmann-Tepeköylü, MD, PhD</i> - SUS Resident Research Scholar Award Winner-Foundation - <i>Austin Dosch, MD</i> - SUS Resident Research Scholar-KARL STORZ - <i>Brian Fleischer, MD</i> - SUS Junior Faculty Award Winner - <i>Alex Cuenca, MD, PhD</i> - SUS Mid-Career Award Winner - <i>Ash Gosain, MD, PhD</i> - AAS 2019 Clinical Fellowship Winner - <i>Samuel Enumah, MD</i>
5:15 PM – 5:45 PM	<p>SUS Roslyn Lecture: How to Train Your Dragon: Education of the Surgeon Scientist</p> <ul style="list-style-type: none"> - Introduction – Sandra Wong, MD, MS, <i>SUS President</i> - Fiemu Nwariaku, MD
6:00 PM – 7:00 PM	AAS Business Meeting – Members Only
7:30 PM – 8:30 PM	<p>ASC Main Event with DJ Dorry</p> <p>Including the Debut of Lean On Me musical montage</p>

The full abstract listing can be found online at:
<https://eventpilotadmin.com/web/page.php?page=Home&project=ASC21>



ASC Planner, Faculty and Presenter Disclosures

ALL planners, faculty and presenters who could affect the content of this CME activity have provided disclosure of relationships with commercial interests. Only those that provided information indicating they have a financial relationship with a proprietary entity producing health care goods or services, with the exemption of non-profit or government organizations and non-health care related companies, are listed. (Financial relationships can include such things as grants or research support, employee, consultant, major stockholder, member of speaker's bureau, etc.)

Name	Company	Role	Received	Role in Meeting
Daniel Anaya	Roche	Consultant/Advisor	Consulting Fee	Abstract Author
Zachary Bauman	Zimmer-Biomet And KLS-Martin	Paid Educating Faculty	Educational Support	Abstract Author
George Chang	Exact Sciences	Board Member	Advisory Board	Ethics Committee
	Medicaroid	Consultant	Consulting Fee	
Karan Chhabra	Blue Cross Blue Shield Of Massachusetts	Consultant/Advisor	Consulting Fee	Abstract Author
Danny Chu	Japanese Organization for Medical Device Development, Inc.	Consultant	Consulting Fee	Core Committee
	The Osler Institute	Speaking/Teaching	Faculty	
Jessica Cohan	Intuitive	Education	Travel Expenses	ASC Program Committee, Moderator
Christopher Corless	Cepheid	Consultant/Advisor	Consulting Fee	Abstract Author
Joseph Coselli	Terumo Aortic, Medtronic, Inc, W.L. Gore & Associates, CytoSorbents	Consultant/Advisor, Scientific Study/Trial	Research Grant, Royalties	Abstract Author
Justin Dimick	ArborMetrix	Owner	Ownership Interest	Abstract Author
Timothy Donahue	Trethera Corporation	Board Member	Stock Compensation	Faculty
Beth Erickson	Elekta AB Stockholm Sweden	Investigator	Research Grant	Abstract Author
Cristina Ferrone	Astra Zeneca	Review Panel	Honoraria	Core Committee, Faculty
	Biom'up	Speaking/Teaching	Honoraria	
John Fischer	Becton-Dickinson	Consultant/Advisor	Consulting Fee	Abstract Author
	Gore	Consultant/Advisor	Consulting Fee	
	Integra LifeSciences	Consultant/Advisor	Consulting Fee	
	Baxter	Consultant/Advisor	Consulting Fee	
	Baxter, Gore, Integra, Becton-Dickinson	Consultant/Advisor	Consulting Fee	
Allan Goldstein	Takeda Pharmaceuticals	Consultant	Consulting Fee	Faculty
David Hackam	Abbott Nutrition	Scientific Study/Trial	Research Grant	Abstract Author
Elliott Haut	Vizient	Speaking/Teaching	Consulting Fee	Ethics Committee
Michael Heinrich	Novartis	Consultant/Advisor	Consulting Fee	Abstract Author
Vanessa Ho	Atricure	Consultant	Consulting Fee	Moderator
	Medtronic	Consultant	Consulting Fee	
	Sig Medical	Consultant	Consulting Fee	
	Zimmer Biomet	Consultant	Consulting Fee	
Garth Jacobsen	W.L. Gore	Speaking/Teaching	Honoraria	ASC Program Committee
Tsuyoshi Kaneko	Edward Life Sciences, Medtronic, Abbott, Baylis Medical, 4C Medical	Speaker, Consultant/Advisor	Speaker Honorarium	Abstract Author
Adam Kaye	Zimmer-Biomet	Educating Faculty	Educational Support	Abstract Author
Nancy Klauber-DeMore	Enci Therapeutics	Board Member/Officer/Trustee	Other	Abstract Author
Johannes Kratz	Auris Robotics Corp	Consultant	Consulting Fee	Moderator
	Intuitive Surgical Corp	Speaking/Teaching	Honoraria	
	Intuitive Surgical Corp	Consultant	Consulting Fee	
	Oncocyte Corp	Consultant	Consulting Fee	
	Razor Genomics	Consultant	Consulting Fee	
M. Catherine Lee	Elucent Medical	Fees paid for drafting of study protocol	Research	Moderator
M. Catherine Lee	Medtronic	Consultant	Consulting Fee	Moderator, ASC Program Committee
Scott LeMaire	Elsevier	Board Member	Honoraria	Faculty

Kenneth Liao	Edwards Lifesciences	Investigator, Scientific Study/Trial	Research Support	Abstract Author
	Thoratec Corporation	Investigator, Scientific Study/Trial	Research Support	
	Abbott Vascular	Investigator, Scientific Study/Trial	Research Support	
	BioVEntrix Corp	Investigator, Scientific Study/Trial	Research Support	
	Syncardia	Scientific Study/Trial	Research Support	
	Medtronic Inc.	Scientific Study/Trial	Research Support	
Matthew Lissauer	Shinkei Therapeutics	Consultant/Advisor	Consulting Fee	Abstract Author
	Prescient Healthcare	Investigator, Scientific Study/Trial	Research Support	
Nipun Merchant	SOBI	Consultant/Advisor	Research Support, Consulting Fee	Abstract Author
Matthew Neal	Haemonetics	Speaking/Teaching	Honoraria	ASC Program Committee, Moderator
	Haemonetics	Independent Contractor	Research	
	Haima Therapeutics	Advisory Committee	Equity stake	
	Instrumentation Laboratories	Independent Contractor	Research	
	Janssen Pharmaceuticals	Advisory Committee	Consulting Fee	
Sandra Park	Intuitive Surgical, Inc	Consultant/Advisor	Consulting Fee	Abstract Author
Amy Pearlman	Boston Scientific	Consultant/Advisor	Research Grant, Consulting Fee	
	Endo Scientific	Consultant/Advisor	Consulting Fee	Abstract Author
Numa Perez Jr.	DayToDay Health Inc.	Consultant/Advisor	Consulting Fee	Abstract Author
Daniel Popowich	Applied	Speaking/Teaching	Honoraria	ASC Program Committee, Moderator
	Gordian	Advisory Committee	Consulting Fee	
	Intuitive	Speaking/Teaching	Honoraria	
John Porterfield Jr.	Intuitive	Consultant/Advisor	Educational Support	Abstract Author
Charles Pozner	PC Institute	Consultant/Advisor	Consulting Fee	Abstract Author
Mark Puder	NorthSea Therapeutic	Investigator, Scientific Study/Trial	Research Grant	Abstract Author
	Fresenius Kabi	Consultant/Advisor	Consulting Fee	
Taylor Riall	Taylor Your Success Coaching, LLC (Not an ACCME commercial interest)	Employment	Ownership Interest	Faculty
Christina Roland	Bristol Myers Squibb	Clinical trial	Research	ASC Program Committee, Moderator
Dorry Segev	Sanofi, Novartis And CSL Behring	Consultant/Advisor	Speaker Honorarium	Abstract Author
Vernon Sondak	Bristol Myers Squibb, Eisai, Merck, Novartis, Pfizer, Polynoma And Regeneron	Consultant/Advisor	Compensated Consultant	Abstract Author
Julie Sosa	AstraZeneca	Advisory Committee	Member and American Thyroid Association representative, Medullary Thyroid Cancer Registry Data Monitoring Committee	Faculty
	Eli Lilly	Advisory Committee	Member and American Thyroid Association representative, Medullary Thyroid Cancer Registry Data Monitoring Committee	
	GlaxoSmithKline	Advisory Committee	Member and American Thyroid Association representative, Medullary Thyroid Cancer Registry Data Monitoring Committee	
	Novo Nordisk	Advisory Committee	Member and American Thyroid Association representative, Medullary Thyroid Cancer Registry Data Monitoring Committee	
Julie Ann Sosa	Various	Scientific Study/Trial	Research Grant, Research Support	Abstract Author
Dana Telem	Medtronic	PI	Research	Ethics Committee
Christopher Towe	Sig Medical	Consultant/Advisor	Educational Support, Consulting Fee	Abstract Author

	Atricure	Consultant/Advisor	Educational Support, Consulting Fee	
	Medtronic	Consultant/Advisor	Consulting Fee	
	Zimmer Biomet	Consultant/Advisor	Consulting Fee	
Thomas Tsai	Seamless Mobile Health	Advisory Committee	Stock option	Moderator
	Sigilon Therapeutics	Consultant	Consulting Fee	
Grayson Wheatley	Endospan	Consultant	Consulting Fee	ASC Program Committee
	Ethicon	Consultant	Consulting Fee	
	Terumo Aortic	Consultant	Consulting Fee	
Mohamed Zayed	Caeli Vascular, LLC	Co-founder and CMO	Ownership Interest	ASC Program Committee, Moderator
Feibi Zheng	Johnson & Johnson - Ethicon	Speaking/Teaching	Consulting Fee	Faculty

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