



16th Annual Academic Surgical Congress

A Virtual Experience
February 2-4, 2021

Advance Program

Register Now!

www.academicsurgicalcongress.org

Dear AAS/SUS Members and Colleagues,

As this unprecedented year unfolds, the AAS and SUS leadership have carefully watched the evolving crisis to understand its impact on our members.



We feel that it is important for us to continue our mission of providing a rich and diverse environment for the development of academic surgical leaders in line with our core values: scholarship, leadership, professional development, mentorship, innovation, community, and inclusion.

With this in mind, **the 2021 Academic Surgical Congress will take place on a virtual platform.** The program committee and leadership are working hard to make our first virtual meeting exciting, impactful, and reflective of the issues confronting our societies. We have many exciting sessions planned for this year’s meeting and we hope to see you virtually February 2-4, 2021!

Stay safe, healthy and strong,
Carrie Lubitz, MD, MPH, *AAS Recorder, ASC Program Chair*
Melanie Morris, MD, *SUS Publications Chair, ASC Program Chair*
Eugene Kim, MD, *AAS President*
Sandra Wong, MD, MS, *SUS President*

MISSION STATEMENTS

The Academic Surgical Congress is organized by the **Association for Academic Surgery (AAS)** and the **Society of University Surgeons (SUS)**. Their respective missions are as follows:



AAS: The mission of the AAS is to inspire and develop young academic surgeons.



SUS: The mission of the SUS is supporting and advancing leaders in academic surgery.

Connect with Us Online!

#ASC2021



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SUS: www.facebook.com/susweb



Follow Us on Twitter
AAS: <https://twitter.com/academicsurgery>
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REGISTRATION FEES

Registration Type	Early Bird Rate <i>By Dec. 28, 2020</i>	Late Rate <i>On or After Dec. 29, 2020</i>
AAS/SUS Member Surgeon	\$115	\$140
Non-Member Academic Surgeon	\$140	\$175
Trainee (Resident/Fellow)	\$65	\$80
Medical Student	\$65	\$80
Allied Health	\$65	\$80
Active Duty Military	\$65	\$80

Early Bird Rates end on Monday, December 28, 2020 at 11:59 PM PT.

How to Register for the Congress

The quickest, easiest way to register for the 16th Annual Academic Surgical Congress is on-line at: www.academicsurgicalcongress.org/registration. Please direct all questions concerning registration to the Meeting Registrar at 310-986-6444, ext. 128 or registrations@academicsurgicalcongress.org.

WHO SHOULD ATTEND?

- Academic Surgeons
- Junior Faculty Members
- Senior Faculty Members
- Surgical Residents & Fellows
- Academic Clinicians
- Surgical Scientists
- Surgical Educators
- Medical Students

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

More information regarding CME accreditation coming soon.

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.

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

- 8:30 AM – 10:00 AM **Satellite Symposium (Non-CME)**
- 10:00 AM – 11:30 AM **Integrated QuickShot Presentations Sessions #24-31**
- 24 - Pediatric Surgery Basic Science QuickShot Session**
 - Moderators: Genevieve Boland, MD, PhD & Lindsay Talbot, MD
 - 25 - Clinical/Outcomes Breast QuickShot Session**
 - Moderators: Chandler Cortina, MD & M. Catherine Lee, MD
 - 26 - Clinical/Outcomes Cardiothoracic QuickShot Session 2**
 - Moderators: Rian Hasson, MD & Joseph Phillips, MD
 - 27 - Clinical/Outcomes Endocrine QuickShot Session 2**
 - Moderators: Lindsay Kuo, MD, MBA & John Phay, MD
 - 28 - Clinical/Outcomes Global Surgery QuickShot Session**
 - Moderators: Theresa Chin, MD, MPH & Gifty Kwakye, MD, MPH
 - 29 - Clinical/Outcomes Pediatric and Trauma/Critical Care QuickShot Session**
 - Moderators: Elizabeth Fialkowski, MD & Michael Smith, MD
 - 30 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 2**
 - Moderators: Pam Choi, MD & Michael Goodman, MD
 - 31 - Clinical/Outcomes Transplant Surgery QuickShot Session 1**
 - Moderators: Joel Adler, MD, MPH & Paige Porrett, MD, PhD
- 11:30 AM – 1:00 PM **Integrated QuickShot Presentations Sessions #32-39**
- 32 - Endocrine/Trauma Surgery Basic Science QuickShot Session**
 - Moderators: Priya Dedhia, MD, PhD & Heather Wachtel, MD
 - 33 - Clinical/Outcomes General Surgery QuickShot Session 3**
 - Moderators: Sophie Dream, MD & Weidun Guo, MD, PhD
 - 34 - Clinical/Outcomes HPB And Trauma/Critical Care QuickShot Session**
 - Moderators: Annabelle Fonseca, MD & Susan Tsai, MD, MHS
 - 35 - Clinical/Outcomes Vascular Surgery QuickShot Session**
 - Moderators: James Iannuzzi, MD, MPH & Peter Nelson, MD, MS
 - 36 - Clinical/Outcomes Pediatric QuickShot Session 2**
 - Moderators: Lorraine Kelley-Quon, MD, MSHS & Barrie Rich, MD
 - 37 - Clinical/Outcomes Trauma/Critical Care QuickShot Session 3**
 - Moderators: Tejal Brahmbhatt, MD & Ryan Spurrier, MD
 - 38 - Clinical/Outcomes Upper GI/Bariatric QuickShot Session**
 - Moderators: Jayleen Grams, MD, PhD & Carla Holcomb, MD, MSPH
 - 39 - Resident Education QuickShot Session 2**
 - 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

Integrated Oral Presentations Sessions #61-65

61 - General Surgery Basic Science - Cross Disciplinary Oral Session 2

- Moderators: Christina Angeles, MD & Samilia Obeng-Gyasi, MD

62 - Basic Science Pediatric Surgery Oral Session 2

- Moderators: Cornelia Griggs, MD & Irving Zamora, MD

63 - Cardiothoracic/ HPB Surgery Outcomes Oral Session

- Moderators: Smita Sihag, MD, MPH & Iswanto Sucandy, MD

64 - Surgical Outcomes Cross Disciplinary Oral Session

- Moderators: Mary Austin, MD, MPH & Pasithorn Suwanabol, MD

65 - Education - Simulation/Assessment, Resident Training Oral Session

- Moderators: Vanita Ahuja, MD, MPH & Jacquelyn Turner, MD

4:00 PM – 4:15 PM Break

4:10 PM – 5:15 PM

AAS & SUS Research Awards

Moderators: Eugene Kim, MD, *AAS President* & Sandra Wong, MD, MS, *SUS President*

- SRS Patey Prize Winner - *Ian Reynolds, MRCSI, PhD*
- ESSR Brendel Prize Winner - *Can Gollmann-Tepeköylü, MD, PhD*
- SUS Resident Research Scholar Award Winner-Foundation - *Austin Dosch, MD*
- SUS Resident Research Scholar-KARL STORZ - *Brian Fleischer, MD*
- SUS Junior Faculty Award Winner - *Alex Cuenca, MD, PhD*
- SUS Mid-Career Award Winner - *Ash Gosain, MD, PhD*
- AAS 2019 Clinical Fellowship Winner - *Samuel Enumah, MD*

5:15 PM – 5:45 PM

SUS Roslyn Lecture: How to Train Your Dragon: Education of the Surgeon Scientist

- Introduction – Sandra Wong, MD, MS, *SUS President*
- Fiemu Nwariaku, MD

6:00 PM – 7:00 PM

AAS Business Meeting – Members Only

7:30 PM – 8:30 PM

ASC Main Event with DJ Dorry

Including the Debut of Lean On Me musical montage

For the most up-to-date program, to access the meeting or to register, please visit

<https://2021.academicsurgicalcongress.org/>.