



ASSOCIATION FOR SURGICAL EDUCATION
presents

ASE 2020 ANNUAL MEETING VIRTUAL HIGHLIGHTS

Ensuring Excellence Across the Spectrum of Surgical Education

Topics include

» **Wellness**

Thursday, August 13

4:00-6:00PM PDT/5:00-7:00PM MDT
6:00-8:00PM CDT/7:00-9:00PM EDT

» **Simulation & AI**

Thursday, August 20

4:00-6:00PM PDT/5:00-7:00PM MDT
6:00-8:00PM CDT/7:00-9:00PM EDT

» **Recruitment**

Thursday, August 27

4:00-6:00PM PDT/5:00-7:00PM MDT
6:00-8:00PM CDT/7:00-9:00PM EDT

» **Resident Education &
Presidential Address**

Thursday, September 3

3:00-6:00PM PDT/4:00-7:00PM MDT
5:00-8:00PM CDT/6:00-9:00PM EDT

For more information go to
<https://www.surgicaleducation.com/ase-virtual-highlights/>

THURSDAY, AUGUST 13 - WELLNESS

*All times listed in EDT

7:00PM-7:10PM

Introduction

Mo Shabahang, MD, PhD

7:10PM-8:00PM

Panel: From 'Checking the Box' to Changing the Culture: Best Practices in Physician Wellness

Megan Miller, MD, FACS; Pamela Rowland, PhD; Arghavan Salles; Ellen Morrow, MD; Malachi Sheahan, MD; Kshama Jaiswal, MD

8:00PM-9:00PM

Abstract Presentations

Relationship Between Burnout and Mistreatment: The Role of the Patient

Samantha Baker, MD, MSHPEd, Frank Gleason, MD, Brenessa Lindeman, MD, MEHP; University of Alabama at Birmingham

A Conceptual Model for Understanding the Learning Environment and Surgical Resident Well-Being

Lindsey M Zhang, MD, MS¹, Elaine O Cheung, PhD², Meixi Ma, MD, MS¹, Caryn D Etkin, PhD, MPH¹, Julie K Johnson, PhD, MSPH¹, Gaurava Agarwal, MD³, Tait D Shanafelt, MD⁴, Taylor S Riall, MD, PhD, FACS⁵, Karl Y Bilimoria, MD, MS¹, Yue-Yung Hu, MD, MPH¹; ¹Surgical Outcomes and Quality Improvement Center (SOQIC), Department of Surgery, Feinberg School of Medicine, Northwestern University, Chicago, IL, ²Department of Medical Social Sciences, Feinberg School of Medicine, Northwestern University, Chicago, IL, ³Department of Psychiatry, Feinberg School of Medicine, Northwestern University, Chicago, IL, ⁴Department of Medicine, Stanford University, Palo Alto, CA, ⁵Department of Surgery, University of Arizona, Tucson, AZ

Surgeon Stress and Workload in the Operating Room: Results of an Exploratory Study

Nicholas E Anton, MS¹, Dimitrios Athanasiadis, MD¹, Theoklitos Karipidis¹, Alyson Y Keen, MSN, RN, ACNSBC², Amani Karim¹, Dimitrios Stefanidis, MD, PhD, FACS, FASMBS, FSSH¹; ¹Indiana University School of Medicine, ²Indiana University Health

Identification of Observable Promotion and Prevention Associated Physician Behaviors in the Operating Room to Improve Resident Entrustability

Akira Nishii¹, Julie Burdine, BS², Niki Matusko, BS², Ton Wang, MD², Ana De Roo, MD², Alisha Lussiez, MD², Danielle Sutzko, MD, MS³, Rebecca Minter, MD, FACS⁴, Gurjit Sandhu, PhD²; ¹University of Michigan, ²Department of Surgery, Michigan Medicine, ³Department of Surgery, University of Alabama Birmingham School of Medicine, ⁴Department of Surgery, University of Wisconsin School of Medicine & Public Health

Psychological safety as a framework for addressing medical student mistreatment on the surgical clerkship

Rebecca L Williams-Karnesky, MD, PhD, Jasmeet S Paul, MD, FACS, John C Russell, MD, FACS, Ming-Li Wang, MD; University of New Mexico

Surgical Immersion Training Leads to Increased Measures of Resilience in Medical Students

Allana M White, MD¹, Alissa Lenz², Erin West², McKenzie Zeman², Rebecca Ryznar, PhD², Isain Zapata, PhD², Anthony LaPorta, MD, FACS²; ¹University of Colorado Denver Department of Surgery, ²Rocky Mountain Vista University Department of Specialty Medicine

Specialty Differences in US Residents' Resilience and Burnout

Cristina M Nituica, MD, FACS¹, Oana A Bota, PhD², John Blebea, MD, MBA, FACS¹; ¹Central Michigan University College of Medicine, ²Faculty of Psychology and Education Sciences Transylvania University

A multi-institutional study of patient-derived gender-based discrimination perceived by resident physicians

Anna Alaska Pendleton, MD¹, Sophia K McKinley, MD¹, Virginia E Pendleton, MPH², Qi C Ott, MD³, Emil R Petrusa, PhD¹, Keith D Lillemoe, MD¹, Cristina R Ferrone, MD¹; ¹Massachusetts General Hospital, ²University of Minnesota, ³Beth Israel Deaconess Medical Center

THURSDAY, AUGUST 20 – SIMULATION & AI

*All times listed in EDT

7:00PM-7:05PM

Introduction

Marc de Moya, MD

7:07PM-8:05PM

Panel: Artificial Intelligence

Intro – *Sanda Tan, MD, PhD*

What is Artificial Intelligence: AI4Surgery? – *Anand Malpani, PhD*

How might AI be applied to surgery education? – *Dan Hashimoto, MD, MS*

AI for real-time feedback and evaluation in surgery – *Thomas Ward*

Q&A – *Sanda Tan, MD, PhD*

8:05PM-8:25PM

Thinking Out of the Box Presentations

Jeremy Lipman, MD, MHPE

On the go learning using augmented reality

Peter DiPasco, MD, Adam Charles Kahle, MD; University of Kansas

Evaluating operative skills using video-recordings-aided objective tests

Faiz Tuma, MD, MEd, EdS, FACS, FRCSC

Choosing Leadership: Tools For Surgical Residents

Sisi Lu, MD, Jonathan S Pincus, MFA, Joon K Shim, MD, MPH, FACS; Wright State University Boonshoft School of Medicine

Better Together: Enhancing Interdisciplinary Care Skills through Self-Directed Longitudinal Care Experiences in Surgical Clerkship

Ann P O'Rourke, MD, MPH, Dorothy S Cook, MS, Sarah L Larson; University of Wisconsin School of Medicine and Public Health

8:25PM-9:00PM

Abstract Presentations

Characterizing Robotic Surgical Expertise: An Exploratory Study of Neural Activation during Mental Imagery of Robotic Suturing

Nicholas E Anton, MS¹, Jake A Whiteside, BS¹, Jackie Cha, MSE², Louis A Perkins, BS¹, Marcel Martin, MD³, Dimitrios Stefanidis, MD, PhD, FACS, FASMB, FSSH¹; ¹Indiana University School of Medicine, ²Purdue University, ³University of Sherbrooke, Montreal, QC, Canada

OR Team Training Using Simulation: Hope or Hype?

Hung Truong, MD, MS, Stephanie Therrien, BSc, Rassoul Abu-Nuwar, MD, John Pawlowski, MD, PhD, Stephanie B Jones, MD, Amy M Sullivan, EdD, EdM, Jose M Parra, MPH, BA, Daniel B Jones, MD, MS; Beth Israel Deaconess Medical Center

Perceptions from Resident and Attending Surgeons: A Needs Assessment in the Development of a Robotic Surgery Curriculum

Taryne A Imai, MD¹, Farin Amersi, MD¹, Areti Tillou, MD², Van Chau, BA¹, Harmik Soukiasian, MD¹, Matthew Lin, MD³; ¹Cedars-Sinai Health Center, ²University of California, Los Angeles, ³University of California, San Francisco

Maximizing Learning in the Operating Room: Residents' Perspectives

Stephen E Ranney, MD¹, Nicholas G Bedrin, MD¹, Nicole Roberts, PhD², James Hebert, MD³, Patrick M Forgione, MD¹, Cate Nicholas, PA, EdD, MS³; ¹UVM Medical Center, ²The City College of New York, ³University of Vermont

Natural Language Processing and Entrustable Professional Activities: Topic Modeling Resident Autonomy

Christopher C Stahl, MD, Alexandra Rosser, Sarah Jung, PhD, Rebecca M Minter, MD, Jacob A Greenberg, MD, EdM; University of Wisconsin School of Medicine and Public Health

THURSDAY, AUGUST 27 - RECRUITMENT

*All times listed in EDT

7:00PM-7:05PM

Introduction

Roy Phitayakorn, MD

7:05PM-8:05PM

Recruitment in a new era: perspectives on the impact of COVID and Step 1 changes

Introduction – *Jesse Moore*

Student View Point – *Clarence Mulins*

Clerkship Director/Advising View Point – *Britney Corey, MD, FACS*

Program Director View Point – *Jonathan Dort, MD, FACS*

8:05PM-8:25PM

Shark Tank

Introduction – *Sarah Jung, PhD*

A Step-wise Curriculum to Enhance Resident Autonomy for Laparoscopic Cholecystectomy – *Justine Broecker*

Goal Orientation in Surgical Trainees: Understanding the Motivation for Learning and the Implications on Wellness and Success – *Becky Hoffman*

Developing a Framework for Safe and Meaningful Mentorship Relationships in the #MeToo Era:

Medical Student Perspectives – *Shawn Purnell, MD*

Session wrap-up – *Jeffry Nahmias*

8:25PM-8:46PM

Abstract Presentations

Female Surgery Clerkship Students are Routinely Subject to Harsher Rating by Female Resident Evaluators Compared to their Male Counterparts

Lindsay Volk, MD, MPH, Hanna Labiner, MD, Nell Maloney Patel, MD, Dylan R Nieman, MD, PhD; Rutgers Robert Wood Johnson Medical School

Dissecting a Department of Surgery: Exploring Organizational Culture and Competency Expectations

Paula Costa, PhD¹, Melissa Beckman², William Flynn, MD², Linda Harris, MD², Aaron Hoffman², James Lukan, MD², David H Rothstein, MD, MS², Aimee K Gardner, PhD¹, Katelyn Cavanaugh, PhD¹, Amanda Woods, MA¹, Brian J Dunkin, MD¹, Steven D Schwartzberg²; ¹SurgWise Consulting, ²Jacobs School of Medicine & Biomedical Sciences, University at Buffalo

Gender Bias in Surgical Oncology Fellowship Recommendation Letters: Finally Some Progress

Monica M Grova, MD, Frances G Jenkins, BA, Pauline L Filippou, MD, Paula D Strassle, PhD, Hong J Kim, MD, David W Ollila, MD, Michael O Meyers, MD; UNC Chapel Hill

8:46PM-9:00PM

Covid-19 and the Impact on Surgical Education Presentations

Virtual Chief Resident Led Patient Rounds: Maintaining Student Education in the COVID Era of Social Distancing

Awais Khan

Assessing the Impact of the COVID-19 Pandemic on Medical Student Education

Grace Castelli

THURSDAY, SEPTEMBER 3 - RESIDENT EDUCATION & PRESIDENTIAL ADDRESS

*All times listed in EDT

6:00PM-6:05PM

Introduction

Mo Shabahang, MD, PhD

6:05PM-6:35PM

Keynote Speaker

Allan Kirk, PhD

6:35PM-7:02PM

Covid-19 and the Impact on Surgical Education Presentations

Exploring Healthcare Providers' Well-being During the Covid-19 Pandemic

Dimitrios I Athanasiadis, MD

The Effect of Mindfulness-Based Cognitive Skills Training on Anxiety Among General Surgery Residents during COVID-19

Caitlin R. Collins, MD, MPH

Multi-institutional Virtual Mock Oral Examinations in General Surgery in the Era of COVID-19

Ivy Huang, MD

7:02PM-7:25PM

Candlelight Presentations

Tracey Dechert, MD

Refugee Womens Health: Needs, Knowledge and Behaviors of Female Refugees in Nebraska *Jessica Wiens, MS, John Gallagher, BS, Elizabeth Lyden, MS, Drissa Toure, MD, MPH, Jessica Maxwell, MD, MS; University of Nebraska Medical Center*

Contextually appropriate training videos to promote safer surgery in Ethiopia

Jessica Hawkins, MEd¹, Natnael Gebeyehu, MD^{2,3}, Assefa Tesfaye, MD², Nahom Tadelle, MD², Senait Bitew, RN, MPH³, Thomas Weiser, MD, MPH^{1,3,4}, Nichole Starr, MD, MPH^{3,5}; ¹Stanford University, ²St. Peter's Specialized Hospital, ³Lifebox Foundation, ⁴University of Edinburgh, ⁵University of California, San Francisco

Redlining, Structural Racism, and Firearm Violence in Boston

Michael Poulson, MD¹, George Reahl, BS², Bindu Kalesan, PhD³, Tracey Dechert, MD¹; ¹Boston Medical Center, Department of Surgery, ²Boston University School of Medicine, ³Boston University School of Public Health

Unifying Surgeons Interested in Social Determinants of Health - A West Coast Expansion

Kara T Kleber, MA, MD¹, Siobhan Luce, MD¹, Angela Sardo, BS², Diana Farmer, MD¹; ¹UC Davis Medical Center, Department of Surgery, ²UC Davis School of Medicine

7:25PM-7:55PM

Abstract Presentations

Disparate Opinions on the Value of Vice Chairs of Education in Departments of Surgery: A National Survey of Department Chairs and Other Surgical Education Stakeholders

Sarah Hayek, MD, MEd¹, Brandi Woo, BS¹, Anna Darelli-Anderson, BA², James Dove, BA¹, Marcus Fluck, BS¹, Dimitrios Stefanidis, MD, PhD³, Mohsen Shabahang, MD, PhD¹, Brigitte K Smith, MD²; ¹Geisinger Surgery Institute, ²University of Utah, ³Indiana University School of Medicine

Student attitudes and actions that encourage teaching on surgery clerkships

Sarah Nguyen¹, Tawni M Johnston¹, Candace Chow, PhD², Chanta'l Babcock², Boyd Richards, PhD², Hilary McCrary, MD², Brigitte K Smith, MD²; ¹University of Utah School of Medicine, ²University of Utah

*All times listed in EDT

7:25PM-7:55PM

Abstract Presentations - Continued

Disparities in Cultural Competency Training for Colorectal Cancer Providers: A mixed methods study
Monica Liu, BS¹, Miquell Miller, MD², Sylvia Berekyei Merrell, DrPH³, Janine Bruce, DrPH¹, Cindy Kin, MD², Arden Morris, MD, MPH²; ¹Stanford University School of Medicine, ²Stanford Department of Surgery, ³Stanford Surgery Policy Improvement Research and Education Center

National implementation of a pragmatic Quality Improvement skills curriculum for urology residents in the United Kingdom: Application and results of 'Theory-of-Change' methodology
Zuhur Balayah, MSc¹, Zarnie Khadjesari, PhD², Aoife Keohane, PhD¹, Wilson To, BMedSciHon, MBChB, PhD, MRCS³, James SA Green, MB, BS, LLM, FRCSUrol³, Nick Sevdalis, PhD¹; ¹King's College London, ²University of East Anglia, ³Bart's Health NHS Trust

7:55PM-8:55PM

Presidential Address

Introductions: *Daniel Scott, MD*
Ranjan Sudan, MD

**Abstract
Submissions
to open Fall
2020!**

SAVE THE DATE



ASSOCIATION FOR SURGICAL EDUCATION

ANNUAL MEETING

at Surgical Education Week 2021

**Westin Copley Place
Boston, Massachusetts**

Surgical Education Week
April 27 - May 1, 2021

ASE Annual Meeting
April 29 - May 1, 2021

*President: Daniel J. Scott, MD
Program Chair: Marc de Moya, MD*