

Monday, April 20

APDS

- 7:30 am **Registration for APDS New Program Directors Workshop**
- 8:00 am **APDS New Program Directors Workshop, Part I - separate pre-registration required**
Moderators: A. Alfred Chahine, MD, MedStar Georgetown University Hospital, Washington, DC
Benjamin T. Jarman, MD, Gundersen Lutheran Medical Foundation, LaCrosse, WI
Faculty: Ranjan Sudan, MD, Duke University, Durham, NC, Paula Termuhlen, MD, Medical College of Wisconsin, Milwaukee, WI, Donna Lamb, Executive Director, RRC for Surgery, Chicago, IL, Thomas Cogbill, MD, Gundersen Lutheran Medical Foundation, LaCrosse, WI, Amit Joshi, MD, Albert Einstein Healthcare Network, Philadelphia, PA, John R. Potts, III, MD, Senior Vice President, Surgical Accreditation, ACGME, Chicago, IL
- 12:00 pm **Lunch Break (on own)**
- 1:00 pm **APDS New Program Directors Workshop, Part II**
- 5:30 pm **Reception for New Program Directors Workshop attendees**

Tuesday, April 21

APDS

- 8:00 am **APDS New Program Directors Workshop, Part III - separate pre-registration required**
- 10:00 am **Registration Opens**
- 12:00 pm **Opening of the 36th Annual Meeting of the APDS**
Jon B. Morris, MD, APDS President, University of Pennsylvania, Philadelphia, PA
Douglas S. Smink, MPH, MD, APDS Program Chair, Brigham & Women's Hospital, Boston, MA
- 12:05 pm **APDS Papers Session I - Autonomy**
Moderator: Daniel L. Dent, MD, University of Texas Health Science Center, San Antonio, TX
- The Impact of Ongoing Assessment of Resident Operative Autonomy on the OR Environment**
Jonathan P. Fryer, MD, Ezra N. Teitelbaum, MD, Brian C. George, MD, Mary C. Schuller MS, Shari L. Meyerson, MD, Debra A. DaRosa, PhD, Northwestern University, Chicago IL
- How do Perceptions of Autonomy Differ in General Surgery Training between Faculty, Residents, Hospital Administrators, and the General Public? A Multi-Institutional Study**
Jason Kempenich, MD¹, Ross Willis, PhD², Robert Rakosi, MD¹, John Wiersch, MD², PJ Schenarts, MD³, ¹Keesler Medical Center, Biloxi, MS, ²University of Texas Health Science Center of San Antonio, San Antonio, TX, ³University of Nebraska Medical Center, Omaha, NE
- Dissecting Attending Surgeons' OR Guidance: Factors That Impact Guidance Decision Making**
Xiaodong (Phoenix) Chen PhD¹, Reed G Williams PhD², Douglas S Smink MD¹, ¹Department of Surgery, Brigham and Women's Hospital, Boston, MA, ²Department of Surgery, School of Medicine, Southern Illinois University, Springfield, IL
- Resident Preparation for Careers in General Surgery: A Survey of Program Directors**
Thomas Cogbill, MD, Mary Klingensmith, MD, Andrew T. Jones, PhD, Thomas W. Biester, MS, Mark A. Malangoni, MD, American Board of Surgery, Philadelphia PA
- 1:15 pm **APDS Panel Session I: Controversies in Fellowship Training**
Moderator: Benjamin T. Jarman, MD, Gundersen Lutheran Medical Foundation, LaCrosse, WI
- Surgical Training: The Need for Universal Fellowships** - Frank Lewis, MD, American Board of Surgery, Philadelphia, PA
Five is Enough - Mark Friedell, MD, University of Missouri Kansas City, Kansas City, MO
Transition to Practice: Solution to Gaps in Surgical Training -Mohsen Shabahang, MD, Geisinger Medical Center, Danville, PA
- 2:15 pm **Break**
- 2:30 pm **What is New: ABS, ACS, ACGME, RRC and SCORE**
Moderator: Douglas S. Smink, MD, MPH, Brigham & Women's Hospital, Boston, MA
- American Board of Surgery** - Mark Malangoni, MD, Associate Director, American Board of Surgery, Philadelphia, PA
American College of Surgeons - Ajit Sachdeva, Director, Division of Education, American College of Surgeons, Chicago, IL
ACGME – John R. Potts, III, MD, Senior Vice President Surgical Accreditation, ACGME, Chicago, IL
Donna Lamb, BSN, MBA, Executive Director, ACGME, Chicago, IL
Residency Review Committee – Steven Stain, MD, Albany Medical College, Albany, NY
SCORE – Mary Klingensmith, MD, Washington University School of Medicine, St. Louis, MO
- 3:45 pm **APDS Paper Session II – Duty Hours and Flexible Scheduling**
Moderator: Jonathan M. Dort, MD, Inova Fairfax Medical Center, Falls Church, VA
- Early results from the Flexibility in Surgical Training (FIST) Research Consortium: Resident and Program Director Attitudes toward Flexible Rotations in Senior Residency**
Mary Klingensmith, MD¹, Michael Awad, MD¹, Keith Delman, MD², Karen Deveney, MD³, Tom Fahey, MD⁴, Jason Lees, MD⁵, Pamela Lipsett, MD⁶, John Mullen, MD⁷, Douglas S. Smink, MD, MPH⁸, Jeffrey Wayne, MD⁹, ¹Washington University in St. Louis, St Louis, MO, ²Emory University School of Medicine, Atlanta, GA, ³Oregon Health & Science University Oregon Health & Science University, Portland, OR, ⁴New York Presbyterian Hospital – Cornell Campus, New York, NY, ⁵University of Oklahoma, Oklahoma City, OK, ⁶Johns Hopkins Hospital, Baltimore, MD, ⁷Massachusetts General Hospital, Boston, MA, ⁸Brigham & Women's Hospital, Boston, MA, ⁹Northwestern University Feinberg School of Medicine, Chicago, IL
- Resident Duty Hours: What's the real story?**
Joanna Grudziak¹, MD, Allison M. Deal¹, MS, John H. Stewart², MD, Claudia E. Goettler³, MD, Megan K. Baker⁴, MD, Michael O. Meyers¹, MD,

Tuesday, April 21

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Psychomotor Vigilance Testing (PVT) as a Predictor of Fatigue in General Surgery Residents Training Under Flexible Duty Hours (FIRST Trial)

Zachary Baker, MD, Jon Cardinal, MD, West Virginia University, Morgantown, WV (R)

4:30 pm

APDS Panel Session II: The Future of Pediatric Surgery

Moderator: M. Timothy Nelson, MD, University of New Mexico, Albuquerque, NM

The Pediatric Surgery Perspective - Michael D. Klein, MD, APSA President, Wayne State University/Children's Hospital of Michigan, Detroit, MI

A Program Director's Perspective or Why Do Surgery Residents Need to Learn About Kids Anyway? - M. Timothy Nelson, MD, University of New Mexico, Albuquerque, NM

A Rural Surgeon's Perspective -- Tyler G. Hughes, MD, McPherson Memorial Hospital, McPherson, KS

The American Board of Surgery Perspective -- Mark Malangoni, MD, Associate Director, American Board of Surgery, Philadelphia, PA

Wednesday, April 22

APDS

8:00 am

APDS Paper Session III - Residency Programs and Resident Selection

Moderator: John T. Mullen, MD, Massachusetts General Hospital, Boston, MA

General Surgery Residents Can be a Reliable Resource in the Evaluation of Residency Applications

Dennis Y. Kim MD, Edward Gifford MD, Andrew Nguyen MD, Ashkan Moazzez MD, Chris de Virgilio MD, Harbor-UCLA Medical Center, Torrance CA

Ranking Surgical Residency Programs: Reputation Survey or Outcomes Measures?

Adam B. Wilson, PhD, Laura J. Torbeck, PhD, Gary L. Dunnington, MD, Department of Surgery, Indiana University School of Medicine, Indianapolis, IN

Graduating Student and Surgery Program Director Views of the AAMC Core EPAs for Entering Residency: Where are the Gaps?

Brenessa Lindeman, MD, Bethany C Sacks, MD, Pamela A Lipsett, MD, Johns Hopkins University School of Medicine, Baltimore, MD (R)

Program Factors that Influence ABSITE Performance: A Multi-Institutional Study

Jerry J Kim, MD, Ashkan Moazzez, MD, Kenji Inaba, MD, Garth Jacobsen, MD, Richard A. Sidwell, MD, Mark E. Reeves, MD, Thomas H. Hartranft, MD, Benjamin T. Jarman, MD, Chandrakanth Are, MD, Joseph M. Galante, MD, Michael T. Nelson, MD, Farin Amersi, MD, Timothy Donahue, MD, Brian R. Smith, MD, Marc L. Melcher, MD, Tracy D. Arnell, MD, Steven Lee, MD, Angela Neville, MD, Christian de Virgilio, MD, Harbor-UCLA Medical Center, Torrance, CA (R)

Factors and Influences that Determine the Choices of Surgery Residency Applicants

Benjamin T. Jarman, MD¹; Amber W. Trickey, PhD²; Kara J. Kallies, MS³; Amit R. T. Joshi, MD⁴; Jonathan M. Dort, MD²; Richard A. Sidwell, MD⁵; ¹Department of General Surgery, Gundersen Health System, ²Department of Surgery, Inova Fairfax Medical Campus, Falls Church, VA; ³Department of Research, Gundersen Medical Foundation, La Crosse, WI; ⁴Department of Surgery, Einstein Healthcare Network, Philadelphia, PA; ⁵Department of Surgery, Iowa Methodist, Des Moines, IA

9:15 am

Break

9:30 am

APDS Presidential Address - "The Agony and the Ecstasy: Lessons Learned"

Jon B. Morris, MD, APDS President, Hospital of the University of Pennsylvania, Philadelphia, PA

Introduction: John D. Mellinger, MD, Southern Illinois University, Springfield, IL

10:45 am

APDS Paper Session IV - Assessment

Moderator: M. Timothy Nelson, MD, University of New Mexico, Albuquerque, NM

Is a Single-Item Operative Performance Rating Sufficient?

Reed G. Williams, PhD¹, Steven Verhulst, PhD², John D. Mellinger, MD², Gary L Dunnington, MD¹, ¹Indiana University, Indianapolis, IN, ²Southern Illinois University, Springfield, IL

Rough Beginnings in Surgical Residency: Exploring the Gap between Self-Assessment and Reality

Sara J. Sadeghi, BA, Vijay Maker, MD, University of Illinois Metropolitan Group Hospitals, Chicago, IL

Delayed Video-Based Assessment Provides Similar Results to Immediate Operative Performance Ratings

Barnard Palmer, MD¹, Susannah Wyles, PhD², Edward Kim, MD², Hueylan Chern, MD², Terrence Liu, MD¹, ¹University of California-San Francisco-East Bay, Oakland, CA; ²University of California-San Francisco, San Francisco, CA

Do You See What I See? Differences in Perception During Laparoscopic Procedures

Jad M. Abdelsattar MBBS, Eric J. Finnesgard BA, Twinkle K. Pandian MD, EelLN H. Buckarma MD, Moustafa M. El Khatib MBCh, David R. Farley MD, Mayo Clinic, Rochester, MN

12:00 pm

APDS Luncheon Workshops – Session 1 (box lunch provided)

1. How to Use SCORE for Optimal Resident Learning and Patient Care

Mary E. Klingensmith, MD, Washington University in St. Louis, Saint Louis, MO on behalf of SCORE Resident Advisory Group and SCORE Editorial Board

2. Implementing the Flexible Endoscopy Curriculum (FEC) into Your Residency Program

Andrew Kastenmeier, MD¹, Brent Matthews, MD², Matthew Goldblatt, MD¹, John D. Mellinger, MD³, ¹Medical College of Wisconsin, Milwaukee, WI, ²Carolinas Medical Center, Charlotte, NC, ³Southern Illinois University, Springfield, IL Affiliate Institution: SAGES Resident Education Committee

3. Leveraging Simulation in Training and Assessing the Milestones – [2 hour workshop – 12:00pm-1:00pm - training in milestones; 1:00pm – 2:00 pm – assessment in milestones]

John T. Paige, MD¹, Kimberly Brown, MD², E. Matt Ritter, MD³, Jim Korndorffer, MD⁴, Andrew Wright, MD⁵, Gladys Fernandez, MD⁶, Nick Sevdalis, MD⁷, Douglas S. Smink, MD, MPH⁸, Neal Seymour, MD⁶, ¹Louisiana State University, New Orleans, LA, ²University of Texas Medical Branch, Galveston TX, ³National Capital Consortium Program, Bethesda, MD, ⁴Tulane University, New Orleans, LA, ⁵University of Washington, Seattle, WA, ⁶Baystate Medical Center, Springfield, MA, ⁷Imperial College of London, UK, ⁸Brigham & Women's Hospital, Boston, MA

4. How to Build a Rural Surgery Residency Program

Karen Deveney, MD¹, Robert P. Sticca, MD², Benjamin Jarman, MD³, ¹Oregon Health & Science University Oregon Health & Science University, Portland, OR, ²University of North Dakota, Grand Forks, ND, ³Gundersen Lutheran Medical Foundation, La Crosse, WI

5. Navigating Your Residency through Adverse Actions and Probation

John M. Green, MD¹, Mohsen M. Shabahang, MD², P.J. Schenarts, MD³, ¹Carolinas Medical Center, Charlotte, NC, ²Geisinger Medical Center, Danville, PA, ³University of Nebraska, Omaha, NE

6. A Hands-on Curriculum to Teach the Fundamental Use of Surgical Energy (FUSE)

Amin Madani, MD¹, Pascal Fuchshuber, MD², Daniel Jones, MD³, Steven Schwaitsberg, MD⁴, Thomas Robinson, MD⁵, Yusuke Watanabe, MD¹, Liane Feldman, MD¹, ¹McGill University, Montreal, Canada, ²The Permanente Medical Group, Walnut Creek, CA, ³Beth Israel Deaconess Medical Center, Boston, MA, ⁴Cambridge Hospital Campus, Cambridge, MA, ⁵University of Colorado Hospital, Aurora, CO

7. Using Digital Platforms to Enhance Surgical Education

Johanna Hinman, MPH, Keith Delman, MD, Andrew Matlock, MS, Michael Konomos, MS, Shishir Maithel, MD, Jahnavi Srinivasan, MD, Emory University, Atlanta, GA

8. Residents as Medical Educators

Michael A. Vella MD, Clark D. Kensinger MD, Kyla P. Terhune MD, Vanderbilt University Medical Center, Nashville, TN

9. Defining and Choosing Your Ideal Resident: Applying Emotional Intelligence to the Interviewing Process

William Peche, MD, Daniel Vargo, MD, Lori Bybee, University of Utah School of Medicine, Salt Lake City, UT

1:00 pm

APDS Luncheon Workshops – Session 2**1. How to Use SCORE for Optimal Resident Learning and Patient Care**

Mary E. Klingensmith, MD, ¹Washington University in St. Louis, Saint Louis, MO on behalf of SCORE Resident Advisory Group and SCORE Editorial Board

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4. How to Implement the National Surgical Quality Improvement Curriculum

Rachel Kelz, MD¹, Rebecca Hoffman, MD¹, David Reznick, MD², Frank Yanagawa, MD³, Vanita Ahuja, MD³, Allan Siperstein, MD², ¹Hospital of the University of Pennsylvania, Philadelphia, PA, ²Cleveland Clinic, Cleveland, OH, ³York Hospital, York, PA

5. Congratulations you are the Associate Program Director...

Areti Tillou, MD¹, Farin Amersi, MD², Karen Deveney, MD³, Danny Takanishi, MD⁴, Afshin Molkara, MD⁵, Jennifer Choi, MD⁶, ¹David Geffen School of Medicine at UCLA, Los Angeles, CA, ²Cedars-Sinai Medical Center, Los Angeles, CA, ³Oregon Health & Science University Oregon Health & Science University, Portland, OR, ⁴University of Hawaii, Honolulu, HI, ⁵Riverside County Regional Medical Center, Moreno Valley, CA, ⁶Indiana University School of Medicine, Indianapolis, IN

6. The Learner's Role in the Era of Milestones: A Model to Promote Self-Assessment and Self-Regulation

Judith C. French, PhD, Colleen Y. Colbert, PhD, Lily C. Pien, MD, Cleveland Clinic, Cleveland, OH

7. Improving Teaching Skills in the OR: How to Provide Formative Feedback that Residents Can Really Use

Katherine M. McKendy, MD, Ghada Enani, MBBS, Yusuke Watanabe, MD, Melina C. Vassiliou, MD, McGill University Health Centre, Montreal, Quebec, CN

8. Evaluations: Weaving a Web of Assessment, Feedback and Faculty Buy-In

Kyla P. Terhune, MD¹, Kevin Patel, MD², Scott Kurtzman, MD³, David Harrington, MD⁴, ¹Vanderbilt University Medical Center, Nashville, TN, ²Kaiser Permanente, Los Angeles, CA, ³Waterbury Hospital, Waterbury, CT, ⁴Brown University, Providence, RI

2:00 pm

A Live Poll of the APDS Membership

Douglas S. Smink, MD, MPH, Brigham & Women's Hospital, Boston, MA
M. Timothy Nelson, MD, University of New Mexico, Albuquerque, NM

2:30 pm

APDS Paper Session V - Quality Improvement and Milestones

Moderator: Daniel J. Vargo, MD, University of Utah, Salt Lake City, UT

Increasing Surgery Resident Adverse Event Reporting: A Resident Led Initiative to Improve Patient Safety

Ryan Macht, MD, David McAneny, MD, Donald Hess, MD, Boston University Medical Center, Boston, MA (R)

Teaching Surgery Residents Quality Improvement. More Than A Change In Curriculum, A Change In Culture.

Rajesh Ramanathan, MD; Therese Duane MD, Doris Farquhar, MBA, Vigneshwar Kasirajan, MD, Brian Kaplan MD, Paula Ferrada MD, Virginia Commonwealth University, Richmond, VA (R)

Milestones-Based Evaluation System – The Cure for Grade Inflation

Lindsay E. Kuo, MD; Rebecca L. Hoffman, MD; Jon B. Morris, MD; Noel N. Williams, MD; Mark Malachuk, BA; Rachel R. Kelz, MD, Hospital of the University of Pennsylvania, Philadelphia, PA (R)

(R) Entry in Resident Paper Competition

Deepa Shah, MD. Cláudia E. Goettler, MD. Alyson Riddick, C-TAGME. Kelly Whitehurst, MAEd. Herb Garrison, MD. Brett Waibel, MD. Carl E. Haisch, MD, East Carolina University Brody School of Medicine, Greenville, NC (R)

3:30 pm	Break
3:40 pm	Special Announcement: The Research Foundation Paula Termuhlen, MD, Medical College of Wisconsin, Milwaukee, WI David T. Harrington, Brown University, Providence, RI
3:45 pm	APDS Panel Session III: Quality Improvement Programs Moderator: David T. Harrington, Brown University, Providence, RI QITI Reports and the Practical QI Manual -- Rachel Kelz, MD, Hospital of the University of Pennsylvania, Philadelphia, PA A Didactic Program in QI -- Thomas Vandermeer, MD, Guthrie/Robert Packer Hospital, Sayre, PA An Experiential Program in QI – Adnan Alseidi, MD, Virginia Mason Medical Center, Seattle, WA
4:45 pm	Presentation of APDS Best Resident Paper Award and APDS Lifetime Membership Award
4:45 pm	APDS Business Meeting (APDS Members Only)
6:00 pm	Joint Reception APDS/ASE/ARCS

Wednesday, April 22

ASE

8:00 am–5:00 pm	SERF
8:00 am-5:00 pm	ASE Troubleshooting Your Clerkship – 105
1:00 pm –5:00 pm	ASE Fundamentals of an Academic Career in Surgery
3:00 pm – 5:00 pm	ASE Board of Directors Meeting
6:00 pm – 7:00 pm	Joint Reception APDS/ASE/ARCS
7:00 pm-8:00 pm	PhD Reception
7:00 pm or 8:00 pm	Dine-around

Thursday, April 23

APDS and ASE Joint Program

6:30 am – 8:00 am	ASE Committee Meetings
7:30am – 5:00pm	ACS/ASE Learning Center Robert Acton, MD and Jaysa Olasky, MD
8:00 am – 12:00 pm	SERF Workshop
8:00 am - 5:00 pm	ASE Clerkship Coordinators Workshop
8:00 am	APDS Paper Session VI – Non Technical Skills Moderator: Farin Amersi, MD, Cedars-Sinai Medical Center, Los Angeles, CA Development of an Competency-Based, High-Fidelity Simulation Curriculum for Non-Procedural Training in General Surgery Matthew L. Moorman, MD, Tony R. Capizzani, MD, Michelle Feliciano, MD, Judith French, PhD, Allan Siperstein, MD, Cleveland Clinic, Cleveland, OH Improving Communication Skills: A Course for Academic Medical Center Surgery Housestaff Steven E. Raper MD, Gbenga Okusanya MD, Jon B. Morris MD, Department of Surgery, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA Embracing Errors in Simulation-Based Training: The Impact of Error Training on Retention and Transfer of Central Venous Catheter (CVC) Skills Aimee K. Gardner, PhD ¹ , Kareem AbdelFattah, MD ¹ , John Wiersch ² , Rami A. Ahmed, DO ³ , Ross E. Willis, PhD ² , ¹ UT Southwestern Medical Center, Dallas TX, ² UT Health Sciences Center, San Antonio, TX, ³ Summa Akron City Hospital, Akron, OH Beta Test of Web-Based Virtual Patient Decision-Making Exercises for Residents Demonstrates Discriminant Validity and Learning Anne Close, MD ¹ , Amy Goldberg, MD ¹ , Irene Helenowski PhD ² , Mary Schuller, MEd ² , Debra DaRosa, PhD ² , Jonathan Fryer, MD ² , ¹ Temple University, Philadelphia PA, ² Northwestern University, Chicago, IL The Glass Houses of Attending Surgeons: An Assessment of Unprofessional Behavior on Facebook Among Practicing Surgeons Sean J Langenfeld, MD, Craig Sudbeck, BS, Thomas Luers, BA, Peter Adamson, BS, Gates Cook, BA, PJ Schenarts, MD, Department of Surgery, University of Nebraska Medical Center, Omaha, NE
9:30 am	Break
9:45 am	APDS Keynote Address - “Unconventional Responses to Unique Catastrophes: Tailoring the Law to Meet the Challenges” Kenneth R. Feinberg, Feinberg Rozen, LLP, Washington, DC Introduction: Jon B. Morris, MD, APDS President, Hospital of the University of Pennsylvania, Philadelphia, PA

Thursday, April 23

APDS and ASE Joint Program

10:45 am	APDS Panel Session IV: Mandated Curricula Debate Moderator: Michael Awad, Washington University in St. Louis, Saint Louis, MO The SAGES Perspective - Daniel J. Scott, MD, UT Southwestern Medical Center, Dallas, TX A Resident's Perspective - Pedro P. Gomez, MD, University of Texas Health Science Center, San Antonio, TX Enough Already! A Program Director's Perspective - Christian de Virgilio, MD, UCLA School of Medicine, Los Angeles, CA The American Board of Surgery Perspective - John D. Mellinger, MD, Southern Illinois University, Springfield, IL
11:30 am-6:00pm	ASE/APDS Poster Viewing – Session #1
11:55 am	APDS Meeting Adjourns
12:00 pm	ASE Simulation Speed Dating Lunch
1:00 pm- 5:00 pm	Tours of Institute for Simulation and Inter-professional Studies - ASE- SEA badge event
1:00 pm	Welcoming Remarks Daniel Jones, MD, MS, ASE President, Harvard Medical School, Boston, MA Susan Steinemann, MD, ASE Program Committee Chair, University of Hawaii, Honolulu, HI
1:10 pm-2:10 pm	J. Roland Folse Lectureship – “Educating and Training of Surgeons: From Good to Great” Introduction: Daniel Jones, MD, MS, ASE President, Harvard Medical School, Boston, MA Carlos Pellegrini, MD, University of Washington, Seattle, WA
2:10 pm-3:15 pm	ASE Paper Session 1 Moderator: TBD Identifying the Need and Content of an Advanced Laparoscopic Skills Curriculum: Results of a National Survey Dmitry Nepomnayshy MD ¹ , Adnan Alseidi MD ² , Dimitrios Stefanidis MD, PhD ³ , Shima Fitzgibbons MD ⁴ , ¹ Lahey Hospital, Burlington, MA, ² Virginia Mason Medical Center, Seattle, WA, ³ Carolinas Medical Center, Charlotte, NC, ⁴ Georgetown University, Washington, DC Systematic Development of a Proctor Certification Exam for the Fundamentals of Laparoscopic Surgery Testing Program E. Matthew Ritter MD ¹ , Inga C. Brissman BS ² , ¹ Department of Surgery, Walter Reed National Military Medical Center / Uniformed Services University, Bethesda MD, ² SAGES, Los Angeles CA Crowd Sourced Assessment of Technical Skills (CSATS): Solving the assessment dilemma in surgical skills evaluation Shanley B. Deal MD ¹ , Justin Warren ² , Mohamad I. Haque MD, LTC ³ , Timothy Brand MD ³ , Bryan Comstock, MS ² , Thomas S. Lendvay MD ² , Adnan Alseidi MD, Med ¹ , ¹ Virginia Mason Medical Center, Seattle, WA, ² University of Washington, ³ Madigan Army Medical Center Towards an Advanced Laparoscopic Skills Curriculum: Which tasks measure expert skill? Richard Birkett, Theodore Delmonico, James Whitledge, Ruth Ruthazer, Neal Seymour, Dmitry Nepomnayshy, Lahey Hospital, Burlington, MA Psychometric Properties of the Global Operative Assessment of Laparoscopic Skills using Item Response Theory Yusuke Watanabe ¹ , E Bilgic ¹ , Amin Madani ¹ , Katherine C. Mckendy ¹ , Lawrence Lee ¹ , Yoichi Ito ² , Melina C. Vassiliou ¹ , ¹ The Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Quebec, CN, ² Department of Translational Research Cooperation Promotion, Hokkaido University Graduate School, Sapporo, Hokkaido, Japan
3:15 pm	Break
3:30 pm-5:00 pm	ASE Paper Session 2 Moderator: TBD Optimizing Training Cost-Effectiveness of Simulation-Based Laparoscopic Inguinal Hernia Repairs Roberto Hernandez-Irizarry MD, Benjamin Zendejas MD, MSc, Shahzad M. Ali MD, David R. Farley MD, Department of Surgery College of Medicine, Mayo Clinic, Rochester, MN Construct Validity of a Novel, Objective Evaluation Tool for the Basics of Laparotomy Training (BOLT) using a Simulated Model Lawrence Greenawald MD ¹ , Mohammad Shaikh MD ¹ , Jorge Uribe MD ¹ , Faiz Shariff MD ¹ , Barry Mann MD ² , Christopher Pezzi MD ³ , Andres Castellanos MD ¹ , D. Scott Lind MD ¹ , ¹ Department of Surgery, Drexel University College of Medicine. Philadelphia, PA, ² Department of Surgery, Lankenau Medical Center, Wynnewood, PA, ³ Department of Surgery, Abington Memorial Hospital, Abington, PA Validation of a Novel Intraoperative Assessment Tool: The surgical procedure feedback rubric Ayca Toprak MD ¹ , Ulemu Luhanga ¹ , Sarah Jones MD ² , Andrea Winthrop MD ¹ , Laura McEwen MD ¹ , ¹ Queen's University, Kingston, ON, CN, ² University of Western Ontario, London, ON, CN Reliable Assessment of Operative Performance Elif Bilgic, Yusuke Watanabe, Katherine M. McKendy, Amani Munshi, Gerald M. Fried, Liane S. Feldman, Melina C. Vassiliou, Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Quebec, CN A Sensitivity Analysis and Opportunity Cost Evaluation of the Surgical Council on Resident Education Curriculum John L. Falcone, M.D., M.S. ^{1,2} , ¹ Owensboro Health, Owensboro, KY, ² University of Louisville, Louisville, KY Impact of a Novel On-screen Overlay Frame of Reference System for Orientation during Intraoperative Laparoscopic Surgery Jen Hoogenes, Soojin Kim, Rami Elias, Kevin Kim, Bobby Shayegan, Kevin Piercey, Anil Kapoor, Ranil Sonnadara, Jacqueline Wilcox, Edward D. Matsumoto, McMaster University, Department of Surgery, Hamilton, Ontario, CN Resident Selection: Associations among psychological factors and candidate rank to a general surgery residency program Kimberley R. Monden PhD, Thomas R. Cox PsyD, James W. Fleshman MD, Baylor University Medical Center, Dallas, TX
5:00 pm-6:30 pm	20th Anniversary SERF Reception

Thursday, April 23

APDS and ASE Joint Program

5:00 pm-6:30 pm **ASE/APDS Poster Session Reception**

6:30 pm	ASE Social Dinners
9:00 pm	Social Responsibility after Dark

Friday, April 24

ASE

6:00 am – 7:00 am	ASE Committee Meetings
7:00 am-12:00 pm	ASE/APDS Poster Viewing – Session #1
7:30 am – 5:00p m	ACS/ASE Learning Center Robert Acton, MD and Jaisa Olasky, MD
7:00 am-8:00 am	ASE Presidential Address – “On Championship Teams” Introduction: Mary Klingensmith, MD, Washington University, St. Louis, MO Daniel Jones, MD, ASE President, Harvard Medical School, Boston, MA
8:00 am-8:30 am	SEA Opening Remarks - Stephen Kimatian, MD, SEA President, Cleveland Clinic, Cleveland, OH
8:30 am – 9:45 am	ASE Paper Session 3 Moderator: TBD
	Top of Their Game: Lessons learned from surgeons who were music virtuosos, Olympians, and Navy Seals Siobhan Deshauer ¹ , Dorotea Mutabzic MD ² , Carol-Anne Moulton, MD, MEd, PhD ² , ¹ McMaster University, Hamilton, Ontario, CN, ² University of Toronto, Toronto, Ontario, CN
	Adaptive Versus Volume-based Training in Simulation: A Randomized Controlled Trial Yinin Hu MD, Kendall D. Brooks, Helen Kim, Adela Mahmutovic, Joanna Choi, Ivy A. Le, Sara K. Rasmussen, MD, PhD, University of Virginia School of Medicine, Charlottesville, VA
	The Complex Phenomenon of Stress in the Operating Room: Cool Under Pressure? Natashia Seemann MD ¹ , Vicki R LeBlanc PhD ¹ , Tamara Gimon ² , Carol-anne Moulton MD, PhD MEd ¹ , ¹ Department of Surgery, University of Toronto, The Wilson Centre, ² Faculty of Medicine, University of Toronto, Toronto, CN
	Making Average Performance Excellent: Implementation Results of a Mental Skills Curriculum during Simulator Training Dimitris Stefanidis ¹ , Anton N ¹ , Howley L ¹ , Pimentel M ¹ , Davis ¹ , Sevdalis N ² , Arora S ² , Brown C ¹ , ¹ Carolinas HealthCare System, Charlotte, NC, ² Imperial College of London, UK
	Creating an Institutional-Specific Program for Teaching Professionalism: Learning from the Professionals Afif N. Kulaylat MD, Danni U. Qin MS, Susie Sun MD, Christopher S. Hollenbeak PhD, Jane R. Schubart PhD, Antone J. Aboud PhD, Donald J. Flemming MD, Peter W. Dillon MD MSc, Edward R. Bollard MD, David C. Han MD, Penn State Hershey Medical Center, Hershey, PA
	Working Volume: An indirect measure of situational awareness and operative safety Anne-Lise D. D’Angelo, MD ¹ , Drew N. Rutherford, MS ^{1,2} , Rebecca D Ray, PhD ^{1,3} , Andrea Mason, PhD ² , Carla M. Pugh, MD, PhD ¹ , ¹ University of Wisconsin, School of Medicine and Public Health, ² University of Wisconsin, Department of Kinesiology, ³ University of Wisconsin, Department of Statistics, Madison, WI
8:30 am – 9:45 am	ASE/SEA Concurrent Oral Presentations Moderator Session #1: TBD
	Conscientious Objection in Medical Students: The role of underlying values Brenessa Lindeman MD MEHP, Anne O Lidor MD MPH, Seth D Goldstein MD, Trisha Arbella, Pamela A Lipsett MD MHPE, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD
	The Impact of the 2011 ACGME Duty Hours on Program Structure and Resident Education Christopher Scally, MD, Gurjit Sandhu, PhD, Christopher Magas, Rebecca Minter, MD, University of Michigan, Ann Arbor, MI
	Integrity as Defined by Applicants, Residents, Faculty and Staff of a General Surgery Program April Morgan MEd, Nina Neuhaus MD, Marie Hunsinger RN, Halle Ellison MD, Mohsen Shabahang MD PhD, Geisinger Medical Center, Danville, PA
	Eye of the Beholder: National Benchmark Program Comparison of PGY 1 Basic Open Skill Performance 2011 to 2014 John T. Paige ¹ , Dimitrios Stefanidas ² , Dmitry Nepomnayshay ³ , ¹ LSU Health New Orleans Health Sciences Center, New Orleans, LA, ² Carolinas Medical Center, Charlotte, NC, ³ Lahey Clinic, Burlington, MA
	Resident-Attending Interactions and Progressive Autonomy in the Operating Room Gurjit Sandhu, PhD, Christopher Scally, MD, Adina Robinson, PhD, Christopher Magas, MS Rebecca Minter, MD, University of Michigan, Ann Arbor, MI
	Getting in on the Ground Floor: Informing Pre-Medical Student Decisions to Join the Surgical Workforce of Tomorrow Edgardo S Salcedo MD ¹ , Joubin Afshar ¹ , Nicole Sitkin BS ² , Ivonne Palma BS ¹ , Diana L Farmer MD ¹ , Joseph M Galante MD ¹ , ¹ University of California, Davis, CA, ² Yale University, New Haven, CT
	Stress Survey of Anesthesiology Residents Charles Lin MD, David G. Metro, MD, Tetsuro Sakai, MD, PhD, University of Pittsburgh School of Medicine, Pittsburgh, PA
	Assessment of a Mentorship Program in an Academic Anesthesia Department Melanie J. Donnelly ¹ , Paul Kranner ² , Jagan Ramamoorthy ² , Denise Mussehl ² , ¹ University of Colorado, Boulder, CA, ² University of Wisconsin, Madison, WI
	Gender amongst Academic Anesthesiology Leadership Robert ES Bowen, MD ¹ , Jean A Simonson, MD ² , Lisa L Schlitzkus, MD ² , ¹ New York-Presbyterian/Weill Cornell Medical Center, New York, NY, ² University of Nebraska Medical Center, Omaha, NE

Friday, April 24

ASE

Personality Types and Conflict Comfort Level Perception: How well do they correlate? Herodotos Ellinas, MD, Chris Fox, PhD, Jutta Novalija, MD PhD, Medical College of Wisconsin, Milwaukee, WI
Moderator Session #2: TBD
Watch What Happens: Using a web-based operative video platform to enhance intra-operative learning and development of clinical reasoning

Abbey Fingeret MD¹, Rebecca Martinez BA¹, Peter Downey MD¹, Christine Hsieh MD¹, Aubrie Swan-Sein PhD², Roman Nowygrod, MD¹, ¹Columbia University Medical Center, Department of Surgery, New York, NY, ²Columbia University College of Physicians and Surgeons, Center for Education Research and Evaluation, New York, NY

A Team Based, Open Inguinal Hernia Simulation Improves Resident Teaching Skills and Junior Learner Comfort with Operative Skills

Mackenzie Cook MD¹, Shanley Deal MD², Jessica Scott BS¹, Alexis Moren MD, MPH¹, and Laszlo Kiraly MD¹ - ¹Oregon Health & Science University, Portland, OR, ²Virginia Mason Medical Center, Seattle, WA

Low-fidelity Haptic Simulation versus “Mental Imagery” Training for Epidural Anesthesia Technical Achievement in Novice Anesthesiology Residents: A randomized comparative study

K. Grace Lim, Robert G. Krohner, DO, David G. Metro, MD, Tetsuro Sakai, MD, PhD, University of Pittsburgh School of Medicine, Pittsburgh, PA

Knowledge and Motor Skill Acquisition and Retention after a Multimodal Perioperative Ultrasound Curriculum for Interns

John D Mitchell, MD, Mario Montealegre-Gallegos, MD, Khurram Owais, MD, Feroze Mahmood, MD, Vanessa Wong, BS, Robina Matyal, MD, Beth Israel Deaconess Medical Center, Boston, MA

Teaching Ultrasound-Guided Regional Anesthesia by Telesimulation: Feasibility Study

Ahtsham U Niazi, FCARCSI, FRCPC¹, David Burckett St-Laurent, FRCA¹, Melissa Cunningham, MSc², Allan Okrainec, FRCSC², Vincent W Chan, FRCPC¹, ¹Toronto Western Hospital, University Health Network, Toronto, Ontario, CA, ²Temerty Chang Telesimulation Center

Trainee Experience with High Fidelity Medical Simulation for a Pediatric Advanced Life Support Course

Christopher Nguyen, MD, Alyssa Brzenski, MD, University of California San Diego, San Diego, CA

A Randomized, Controlled Trial Comparing the Effectiveness of Simulation-based Deliberate Practice versus a Standard Curriculum on Learning Regional Anesthesia in Resident Anesthesiologists

Ankeet D Udani, MD¹, Steven K Howard, MD², Edward R Mariano, MD, MAS², ¹Duke University, Durham, NC, ²Stanford University, Stanford, CA

Simulation as a Set-up for Technical Proficiency: Can a Virtual Warm-up Improve Live Fiberoptic Intubation?

Stefan T Samuelson, MD, Alan J Sim, Sam DeMaria, Jr, MD, Icahn School of Medicine at Mount Sinai

The Influence of Death in Simulation-based Anesthesiology Training: How much is too much?

Stefan T Samuelson, MD, Andrew Goldberg, MD, Sam DeMaria, Jr, MD – Icahn School of Medicine at Mount Sinai

Grace under Fire: Identifying predictors of engagement and success in simulation-based education

Stefan T Samuelson, MD, Andrew Goldberg, MD, Sam DeMaria, Jr, MD – Icahn School of Medicine at Mount Sinai

Moderator Session #3: TBD

Coaching Surgeons: Is Culture Limiting our Ability to Improve?

Dorotea Mutabdzic, MD¹, Priyanka Patel, MSc², Nathan R. Zilbert, MD, Med³, Natasha Seemann, MD¹, M. Lucas Murnaghan, MD, MEd, FRCSC⁴, Carol-anne Moulton, MD, PhD, FRACS⁵, ¹The Wilson Centre, University of Toronto, ²Faculty of Medicine, University of Toronto, ³Department of Surgery, University of Toronto, ⁴Department of Surgery, Hospital for Sick Children, ⁵Department of Surgery, University Health Network

Assessing the Cost of Intra-Operative Resident Education

John C Kubasiak MD, Kimberly Claussen MS, Laura E Grimmer MD, Millikan W Keith MD, Jonathan A Myers MD, Minh B Luu, MD, Rush University, Dept. of General Surgery, Chicago, IL

Designing a Curriculum on Social Responsibility for Surgical Learners

April Morgan MEd, Adnan Alseidi MD, Jason Keune MD, Dmitry Nepomayshy, MD, Allen Hamdan MD, Nicole Woll PhD, Dan Davis PhD, Mohsen Shabahang, MD, ASE Committee on Citizenship and Social Responsibility

Can Advanced Trauma Life Support (ATLS) Predict Junior Resident Performance?

Devashish J. Anjaria MD, Tiffany Murano MD, Ziad C. Sifri MD, Anastasia Kunac MD, Adam D. Fox DO, Leslie Tyrie MD, Anne C. Mosenthal MD, Alicia M. Mohr Patricia Walling RN, David H. Livingston MD, Rutgers -New Jersey Medical School, Newark, NJ

Integration of Longitudinal Patient Experiences within the Traditional Clerkship Structure: Impact on medical students’ learning

Xiaodong (Phoenix) Chen PhD, Fremonta Meyer MD, Rebecca Cunningham MD, Hyeyoun Min MD, Sophia McKinley MD, Erik Alexander MD, Vincent Chiang MD, Alev Atalay MD, Donald DiSalvo MD, Natasha Johnson MD, James Stankiewicz MD, Elizabeth Breen MD, Brigham and Women’s Hospital, Boston, MA

Student Use and Perceptions of Mobile Technology in Clinical Clerkships – Guidance for Curriculum Design

Joanna K Law MD MEd, Brenessa Lindeman MD MEHP, Trisha Arbella, Pamela A Lipsett MD MHPE, Anne O Lidor MD MPH, Johns Hopkins Hospital, Baltimore, MD

The Use of Pre/Post-Tests to Demonstrate Improved Knowledge Following SEAHVO Fellowship Teaching

Rohesh J. Fernando¹, Jo Davies, MBBS, FRCA², ¹Beth Israel Deaconess Medical Center, Boston, MA, ²University of Washington Medical School, Seattle, WA

A Fellowship’s Internal Program Evaluation: A 5 Year Review

Dr Rupa P Sekhar, Dr Ira Todd Cohen, MD, MEd – Children’s National Medical Center

A Survey of Anesthesiology Residents and Attending Evaluating the Logistics and Goals of the Pre-Operative Phone Call

David A Preiss, MD PhD¹, Rebecca D Minehart, MD², ¹Brigham and Women’s Hospital ²Massachusetts General Hospital

Friday, April 24

ASE

Training Surgery-clerkship Medical Students to Effectively Use Emergency Manuals

Kiruthiga Nandagopal, PhD¹, Sara Naomi Goldhaber-Fiebert¹, Vivian Lei, MD², Sylvia Bereksyey Merrell, DrPH¹, ¹Stanford University School of Medicine, Stanford, CA, ²Vanderbilt University Medical Center, Nashville, TN

Moderator Session #4: TBD

Residents’ Pre-operative Preparation: Do they do it and how do they do it?

Wyles SM¹, Mavroveli S², Chern H¹, Lau J³, Pierce J⁴, Kim E¹, Palmer B, ¹UCSF, ²Imperial College, London, ³Stanford, ⁴UC Davis

Failure to Fail: challenges to providing meaningful assessment and feedback in surgical training

Sydney A McQueen, Bradley Petrisor, Mohit Bhandari, Christine Fahim, Victoria McKinnon, Ranil R Sonnadara, Department of Surgery, McMaster University, Montreal, Quebec, CN

Development of a Tool for Global Rating of Endoscopic Surgical Skills (GRESS) for Assessment of Otolaryngology Residents

Osama Marglani, UMM Alqura University, Makkah, Saudi Arabia

Writing Questions as a Study Method for the American Board of Surgery In-Training Examination

Ross E. Willis, PhD¹, Daniel L. Dent, MD¹, Pedro Pablo Gomez, MD¹, Andrew Adams, MD [1] John Admire, MD¹, Joseph Love, DO², Jason Kempenich, MD³, John Uecker, MD⁴, Julie Sprunt, MD⁴, Kimberly Brown, MD⁵, Kristen Kahrig⁵, Scott Thomas, MD⁶, Katie Wiggins-Dohlvik, MD⁶, ¹University of Texas Health Science Center at San Antonio, TX, ²University of Texas Health Science Center at Houston, TX, ³Keesler Air Force Base, MS, ⁴University of Texas Southwestern at Austin, TX, ⁵University of Texas Medical Branch, Galveston, TX, ⁶Texas A&M Scott & White, Temple, TX

Mid-Clerkship Self Evaluations: Do students see what their supervisors see?

Madeline Torres, Amalia Cochran, MD, University of Utah Department of Surgery, Salt Lake City, UT

Individual Learning Plans: Bridging the knowledge gaps in the surgery clerkship through self-directed learning

Brian Lewis, MD, Amy Leisten, Andrew Kastenmeier, MD, Philip Redlich, MD, PhD, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI

Systems-Based Practice Project for Anesthesiology Residents: a 10-year Single Center Experience

Tetsuro Sakai, MD, PhD

Results of Anesthesia Olympics as an Objective Assessment of Resident Skill Progression

Laura Duling, MD¹, Dr. Annette Rebel, MD¹, Amy DiLorenzo, MS¹, Ryan LeFevre, MD², Gregory L Rose, MD¹, Randall M Schell, MD, MACM¹, ¹University of Kentucky, ²Texas A&M

Establishing Performance Benchmark Norms for Interdisciplinary Teamwork in the Operating Room

Louise Hull, Nick Sevdalis, PhD, Stephanie Russ, PhD, Sonal Arora, PhD, Ana Wheelock, MSc, Imperial College London

One-month Intensive Training Improves AKT Scores and Clinical Performance of CA-1 Residents at an Academic Medical Center

Mary E Arthur, MD

9:45 am-10:00 am

Break

10:00 am-11:00 am

Invited Speaker - TBD

Introduction: Christine Park, MD, Northwestern University, Chicago, IL

11:00 am-12:00 pm

Panel Session - Debate on Hot Topics in Simulation

Moderators: Christine Park, MD, Northwestern University, Chicago, IL
Nick Sevdalis, PhD, Imperial College, London, UK

ASE Panelists:

Dimitrios Stefanidis, MD, PhD, Carolinas Medical Center, Charlotte, NC

John Paige, MD, LSUHSC, New Orleans, LA

Shawn Tsuda, MD, University of Nevada, Las Vegas, NV

Carla Pugh, MD, PhD, University of Wisconsin, Madison, WI

12:00 pm – 1:00 pm

ASE Thinking Out of the Box Luncheon - separate pre-registration required

1:00 pm-6:00 pm

ASE Poster Viewing – Session #2

1:30 pm-5:00 pm

ASE/SEA Immersive Simulation Workshops - separate pre-registration required

1. Interdisciplinary Simulation-Based Crisis Resource Management Training for Anesthesia and Surgery Residents

James N. Lau, MD¹, Sara Golhaber-Fiebert MD², ¹Stanford University, Dept. of Surgery, Stanford CA, ²Stanford University, Dept. of Anesthesia, Stanford, CA

2. Developing an Advanced Laparoscopic Skills Curriculum – What Do We Need and How Do We Get There? A Joint Workshop of SAGES and ASE

Dmitry Nepomnayshy MD¹, , Ghada Enani MD², Ysuke Watanabe MD², Katherine McKendy MD², Richard Birkett MD¹, John Paige MD³, Melina Vassiliou MD², ¹Lahey Hospital, Burlington, MA, ²McGill University, Montreal, Quebec, CN, ³Louisiana State University, New Orleans, LA

3. TBD

4. TBD

1:30 pm – 3:00 pm

ASE/SEA Workshops

Make Your Average Performance Excellent: Application of Mental Skills Training Using Surgical Simulators

Nicholas Anton, MS¹, Eric Bean, PhD¹, Charles Brown, PhD¹, Lisa Howley, PhD¹, Dimitrios Stefanidis, MD, PhD¹, Sonal Arora, PhD², Nick Sevdalis, PhD², ¹Carolinas HealthCare System, Charlotte, NC, ²Imperial College of London, UK

Simprov: Jazzing up Simulation-Based Training Using Improvisation Techniques

Sara Kim PhD¹, Belinda Fu MD², Robert Rush MD³, John Paige, MD⁴, Richard Snyder, MD⁵, Daniel Relles, MD⁶, Gladys Fernandez⁷, Lynne Robins, PhD¹,
¹University of Washington School of Medicine; ²Swedish Family Medicine Residency; ³Madigan Army Medical Center; ⁴LSU Health Sciences Center, School
of Medicine; ⁵Group Health Cooperative; ⁶Thomas Jefferson School of Medicine; ⁷Tufts University School of Medicine

Evaluating the Quality of Interdisciplinary Teamwork in the Operating Room

Louise Hull¹, John Paige², Dimitrios Stefanidis³, Erica Mitchell⁴, Nick Sevdalis¹, ¹Imperial College London, ²LSU Health New Orleans School of Medicine,
³Carolinas Healthcare System, ⁴Oregon Health & Science University

Training in Motion: Implementing longitudinal simulation into a surgical curriculum

John T. Paige, Deborah Garbee, Vladimir Kiselov, Pierre Detiege, Vadym Rusnak, Denise Danna, Neal Seymour, Gladys Fernandez, Andrew Wright, Brian
Ross, Brenda Zierler, LSU Health New Orleans Health Sciences Center, Baystate Medical Center, University of Washington School of Medicine

Faculty Development in the Milestone Era: The necessity of direct observation and feedback for performance improvement

Judith C. French, PhD¹, Colleen Y. Colbert, PhD², Lily C. Pien, MD³, ¹Department of General Surgery, Cleveland Clinic, ²Cleveland Clinic and Cleveland Clinic
Lerner College of Medicine of Case Western Reserve University, Texas A&M Health Science Center College of Medicine, ³Cleveland Clinic and Cleveland
Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland Clinic Department of Allergy and Clinical Immunology

Learning by Example: Enhancing Communication Skills for Bad News Events

Schmitz CC PhD¹, Braman J MD², Turner N MD³, Heller S MD⁴, Yelena Yan MA⁵, David Radosevich PhD¹, Jane Miller PhD⁶, Ken Yoshida PhD¹,
ChipmanJG¹,¹University of Minnesota Department of General Surgery, ²University of Minnesota Department of Orthopedic Surgery, ³Mayo Clinic of
Rochester Department of Orthopedic Surgery, ⁴Mayo Clinic of Rochester Department of General Surgery, ⁵University of Minnesota Academic Technology
Support Services, ⁶University of Minnesota Academic Health Center Simulation Center

SERF Forum - Kimberly Schenarts, PhD, SERF Program Director

3:00 pm-3:30 pm

Break

3:30 pm-5:00 pm

New Clerkship Director's Workshop - ASE Clerkship Directors Committee

A Call to Action to Improve the Quality of Surgical Education Research: A user's guide to the medical education research study quality index (MERSQI) for study planning

Brenessa Lindeman, MD, MEHP¹, Roy Phitayakorn, MD, MHPE², Ross Willis, PhD³, ¹Johns Hopkins University School of Medicine, Baltimore, MD,
²Massachusetts General Hospital, Boston, MA ³University of Texas Health Science Center in San Antonio, San Antonio, TX

Tools to Implement an Institution-wide Quality and Safety Curriculum for Residents

Nancy Schindler MD MHPE, Megan Miller MD and the ASE Graduate Surgical Education Committee, NorthShore University Health System/University of
Chicago

Multi-institutional Research in Surgical Education: Breaking the barriers

Nick Sevdalis¹, Linda Barney², Amalia Cochran³, John Mellinger⁴, Roy Phitayakorn⁵, Arghavan Salles⁶, Dimitrios Stefanidis⁷ - ¹Imperial College London,
²Wright State University, ³University of Utah, ⁴SIU School of Medicine, ⁵Massachusetts General Hospital, ⁶Stanford University, ⁷Carolinas Healthcare
System, on behalf of the ASE MERG committee

Blending E-Learning and Simulation to Both Prepare and Assess Incoming Residents

Thomas Riles, MD¹, Russell Berman, MD¹, Adina Kalet, MD¹, Gerry Isenberg, MD², ¹New York University, New York, NY ²Jefferson Medical Center,
Philadelphia, PA

Conceptual Frameworks and their Use in your Scholarly Work

Vaughn Carolyn J, Huang Emily, Wyles Susannah, O'Sullivan Patricia, UCSF, ASE Educational Research Committee

Dialogue Simulation for Handling Interprofessional Conflict: Self-assessment as foundational skills

Sara Kim¹, Sarah Shannon², Melissa Brunsvold³, Jeffrey G. Chipman³, John Paige⁴, Rob Rush⁵, Connie Schmitz³, ¹University of Washington, Department of
Surgery, ²University of Washington, School of Nursing, ³University of Minnesota Medical School, Department of Surgery, ⁴LSU (Louisiana State University)
Health Sciences Center, Department of Surgery, ⁵Madigan Army Medical Center, Department of Surgery

SERF Forum - Kimberly Schenarts, PhD, SERF Program Director

6:30 pm

(bus)

ASE "Celebrating Educational Scholarship" Banquet
Columbia Tower Club

Saturday, April 25

6:00 am-7:00 am

ASE Committee Meetings

7:00 am – 8:00 am

ASE BOD Meeting

7:00 am-12:00pm

ASE Poster Viewing – Session #2

8:00 am-9:00 am

ASE Business Meeting

9:00 am – 10:30 am

ASE Paper Session 4

Moderator: TBD

Surgical Education Research Fellowship: Program outcomes and participant reported barriers to fellowship completion

Alfred J. Croteau, MD¹, Kimberly D. Schenarts², PhD John L. Falcone, MD, MS³, ¹University of Vermont, Burlington, VT, ²University of Nebraska Medical
Center, Omaha, NE, ³University of Louisville, Owensboro, KY

Saturday, April 25

The Impact of Goal Setting and Goal Orientation on Performance during a Clerkship Surgical Skills Training Program

Aimee K. Gardner PhD, Diana Diesen MD, Deborah Hogg BS, Sergio Huerta MD, UT Southwestern Medical Center, Dallas TX

Impact of Structured Video Debriefing on Trauma Teams' Ability to Self-assess Teamwork

Gene Kurosawa MS¹, Alexander Wei MS¹ Nina Ho BS¹, Eunjung Lim PhD¹, Ben Berg MD¹, Kara Terada RN², Susan Steinemann, MD^{1,2}, ¹University of Hawaii, ²The Queen's Medical Center, Honolulu, HI

The Surgery Core Clerkship Flipped Classroom: A prospective cohort trial

Cara A. Liebert MD, Dana Lin MD, Laura Mazer MD, MS, James N. Lau MD, Department of Surgery, Stanford University School of Medicine, Stanford, CA

A Qualitative Analysis of a Novel Curriculum on Mistreatment for the Surgery Core Clerkship

Laura Mazer MD MS, Cara Liebert MD, Dana Lin MD, James Lau, MD, Stanford University, Stanford, CA

Competency-Based Medical Education: Can both junior and senior residents achieve competence after a module?

Tim Dwyer, University of Toronto, Toronto, Ontario, CN

Research Priorities in Surgical Simulation: What has been achieved during the 21st century and what remains?

Maximilian Johnston, John Paige, Dimitrios Stefanidis, Rajesh Aggarwal, Shawn Tsuda, Ankur Khajuria, Sonal Arora on behalf of the ASE Simulation Com

9:00 am-10:30 am

ASE Concurrent Oral Session

Moderator Session: TBD

Mock Pages are a Valid Construct for Assessment of Clinical-Decision Making and Inter-professional Communication

Margaret L.Boehler¹, Cathy J. Schwind¹, Rebecca Minter², ¹Southern Illinois University, Springfield, IL, ²University of Michigan, Ann Arbor, MI

Planting the First 'SEAD' on USA Soil

Antonio Gangemi MD¹, Helen Klemine¹, Enrico Benedetti MD¹, Nada Gawad MD², James Rutka MD², Amelia Bartholomew¹, MD, ¹Department of Surgery, University of Illinois at Chicago, Chicago, IL, ²Department of Surgery, University of Toronto, Toronto, Ontario, CN

All for Knots: Evaluating the effectiveness of a proficiency-driven, simulation-based knot tying and suturing curriculum for medical students during their third year surgery clerkship

Cianna Pender MD¹, Vladimir Kiselov MD¹, Qingzhao Yu PhD², Jennifer Mooney MD¹, Patrick Greiffenstein MD¹, John T. Paige MD¹, ¹Department of Surgery, ²School of Public Health, LSU Health New Orleans Health Sciences Center, New Orleans, LA

Assessment of Surgical Anatomy Skills in Upper and Lower Limb Vascular Control before and after Training

Evan Garofalo PhD¹, Stacy Shackelford MD², Valerie Shalin PhD³, Kristy Pugh MS¹, Hegang Chen PhD⁴, Jason Pasley DO², Babak Sarani MD⁵, Sharon Henry MD², Mark Bowyer MD⁶, Colin Mackenzie MBChB¹, ¹University of Maryland, School of Medicine, ²University of Maryland Medical Center, ³Wright State University, ⁴University of Maryland, ⁵George Washington University Hospital, ⁶Uniformed Services University of Health Sciences

A Surgical Residency Preparatory Course Leads to Earlier Independence in ACGME Competencies

Joshua Wunder, Christopher P. Brandt MD, Jeremy M. Lipman, MD, MetroHealth Medical Center, Case Western Reserve University School of Medicine, Cleveland, OH

General Surgery Residency Interviews: Are we following best practices?

Roger H. Kim MD¹, Timothy Gilbert EdD¹, Sookyung Suh PhD², J. Karen Miller MA¹, Jane M. Eggerstedt MD¹, ¹Louisiana State University Health Sciences Center – Shreveport, Shreveport, LA, ²PricewaterhouseCoopers LLP, New York, NY

Feasibility of FLS Mastery Training Standards Applied to a Lower Cost, Ergonomically Differing Training Platform

Mercy D. Wagner MD^{1,2}, Mary T. O'Donnell MD^{1,2}, Chad T. Cryer MD², Kristen D. Trinca MD¹, Elliott Silverman PA-C^{1,2}, E. Matthew Ritter MD FACS^{1,2}, ¹Department of Surgery, Walter Reed National Military Medical Center / Uniformed Services University of the Health Sciences, Bethesda MD, ²National Capital Simulation Consortium, Bethesda MD

Is 3D Really Beneficial in Laparoscopic Surgery? The comparative study on the effect of 2D and 3D environments for the training of laparoscopic surgery

Saseem Poudel, Yo Kurashima, Yusuke Watanabe, Dai Miyazaki, Yuma Ebihara, Eiji Tamoto, Soichi Murakami, Toru Nakamura, Takahiro Tsuchikawa, Keisuke Okamura, Toshiaki Shichinohe, Satoshi Hirano Department of Gastroenterological Surgery II, Hokkaido University, Sapporo, Japan

The Utility of Mock Oral Examinations in Preparation for the American Board of Surgery Certifying Examination

Rana M Ballo MD, Rebecca A Deal MD, Edward F Hollinger MD, PhD, Imke Janssen PhD, Delores Austin BA, Megan Rendina BS, Amanda Francescatti BS, Jonathan Myers MD, Keith Millikan MD, Minh B Luu MD, Rush University Medical Center, Chicago, IL

Evaluating Skills Proficiency on Arrival to Surgical Internship: A case for bootcamp curricula

Afif N. Kulaylat MD, Mary C. Santos MD, Jane R. Schubart PhD, Brian D. Saunders MD, David C. Han MD, The Pennsylvania State University College of Medicine, Don J. Selzer MD, Adam B. Wilson PhD, Indiana University School of Medicine

A Four-Day Capstone Can Reduce Anxiety and Improve Confidence in Senior Medical Students Entering Procedural-Based Specialties

Ulysses S. Rosas, BA, Laura M. Mazer, MD, Dana Lin, MD, James Lau, MD FACS, Stanford University School of Medicine

10:30 am

Break

10:45 am-12:15 pm

ASE Paper Session 5

Moderator: TBD

Young Surgeons on Speaking Up: When and how surgical trainees voice concerns about supervisors' clinical decisions

Malini D. Sur MD^{1,2}, Nancy Schindler MD, MHPE^{1,3,4}, Puneet Singh MD¹, Peter Angelos MD, PhD^{1,2,5}, Alexander Langerman MD^{1,2,5,6,7}, ¹Department of Surgery, University of Chicago Medicine, Chicago, IL, ²MacLean Center for Clinical Medical Ethics, University of Chicago, Chicago, IL, ³Pritzker School of Medicine, University of Chicago, Chicago, IL, ⁴NorthShore University HealthSystem, Evanston, IL, ⁵Bucksbaum Institute for Clinical Excellence, University of

Saturday, April 25

ASE

Chicago, Chicago, IL, ⁶Department of Otolaryngology-Head and Neck Surgery, University of Chicago Medicine, Chicago, IL, ⁷Operative Performance Research Institute, University of Chicago Medicine, Chicago, IL

Google Glass Video for Bedside Procedural Skill Assessment is Inferior to Third Person Video Evaluation

Dylan O'Shea, Amy Morris, Kari Keys, Andrew Wright, Jonathan Ilgen, Heather Evans, Departments of Surgery, Medicine and Emergency Medicine, University of Washington, Seattle, WA

Feasibility of Force Feedback Vessel Ligation Simulator in Knot-tying Proficiency Training

Justin Hsu BS¹, James R. Korndorffer MD, MHPE², Kimberly M. Brown MD¹, ¹University Of Texas Medical Branch, Department of Surgery, Galveston, TX,
²Tulane University School Of Medicine, Department of Surgery, New Orleans, LA

Development, Implementation, and Outcomes of an Evidence-based Surgery Clerkship Clinical Skills Exam

Jesse Moore, MD, Cate Nicholas, MS PA EdD, University of VT College of Medicine, Burlington, VT

Defining “Honors” in the Surgery Clerkship

Jeremy M. Lipman MD¹, Kimberly D. Schenarts PhD², ¹MetroHealth Medical Center, Case Western Reserve University School of Medicine, Cleveland, OH,
²University of Nebraska Medical Center, Omaha, NE

Needlestick Injuries among Medical Students, Surgical Residents, Faculty, and Surgical Staff at One Institution

Lynn Y. Choi MD, Rosalicia Torres, Soheil Syed, Ashar Ata, Carl Rosati M.D, Albany Medical Center, Albany, NY

History of the ASE

Ranjan Sudan, MD, Duke University, Durham, NC

12:15 pm

Adjourn

12:15 pm

ASE local activities or SEA Panels at Motif

Monday, April 20**ARCS**

8:00-11:00 am
 & 1:00-5:00 pm

ARCS Registration

9:30 am

New Coordinators Workshop - separate pre-registration required

9:30 – 11:30 Part 1, 11:30 – 12:45 Lunch, 12:45 – 5:00 Part 2

Moderator: Stephanie Burnham, ARCS President, Vanderbilt University Medical Center, Nashville, TN

Participants: ARCS Executive Committee – Chi Quach, University of California, Los Angeles; Dawn Fountain, University of Kansas; Laura Warner, Guthrie/Robert Packer Hospital; Kim Molteg, Rutgers Robert Wood Johnson Medical School; Lillian Badurina, Mount Carmel West Hospital; Darlene Norton, Greenville Health System; Mary Burda, University of Toledo

1:00 pm

TAGME Certification – Monitored Assessment Site

Tuesday, April 21**ARCS**

7:30 am-11:45 am

ARCS Registration

7:30 am

ARCS Breakfast

8:00 am

ARCS Welcoming Remarks and Announcements

Stephanie Burnham, ARCS President, Vanderbilt University Medical Center, Nashville, TN

Welcome Remarks by Jon Morris, MD, APDS President, Hospital of the University of Pennsylvania, Philadelphia, PA

9:15 am

ARCS Keynote Address

John L. Tarpley, MD, Program Director Emeritus, Vanderbilt University Medical Center, Nashville, TN

10:30 am

Break

10:45 am

Early Warning Signs...Use ACS FSC Data to Gain Insight into Resident Learning Behaviors

Stephanie Hermes & Kim Echert, American College of Surgeons Division of Education, Chicago, IL

11:45 am

Lunch (on own)

1:00 pm-5:00pm

ARCS Registration

1:00 pm

Professional Development Series – Leading through Change: the Coordinator’s Role

Allison Jones, MedStar Georgetown University Hospital, Washington, DC

2:00 pm

Breakout sessions (select one to attend)

1. The Program’s Grade Book: Back to the Basics

Jennifer Shieck, Afshin Molkara & Arnold Tabuenca, University of California Riverside, Moreno Valley, CA

2. How to Excel with Excel

Jessica Roof & Anna Marie DeBolt, Carolinas Medical Center, Charlotte, NC

3:00 pm

Break

3:15 pm

Professional Development Series – Generational Methodology Differences

Sarah Kidd-Romero, University of Maryland Medical Center, L Robin Newcomb, Johns Hopkins Hospital, Jean Sturdivant, Sinai Hospital; Baltimore, MD

Tuesday, April 21**ARCS**

4:15 pm

Breakout sessions (select one to attend)

1. Using Operative Log Reports to Manage Your Residency

Judith Olenwine, MS, C-TAGME, Lehigh Valley Health Network, Allentown, PA

2. New Innovations – Practical Demonstration

Cathi Cooney, C-TAGME, Cooper Health, Camden, NJ

3. E*Value – Practical Demonstration: Your New Best Friend-Program/Resident Portfolio

Linda Shaffer, C-TAGME, West Virginia University, Morgantown, WV

5:00 pm

Adjourn

Wednesday, April 22

ARCS

7:30-11:45 am	ARCS Registration
7:30 am	ARCS Breakfast
7:50 am	Announcements & Door Prize
8:00 am	TAGME Update Judith Olenwine, MS, C-TAGME, Lehigh Valley Health Network, Allentown, PA
8:10 am	SCORE Update Mark Hickey, Chief Operating Officer for SCORE
8:30 am	ACGME Milestones – A Community Answer to Effective Evaluation of Residents Kim Agretto, C-TAGME, Easton Hospital, Easton, PA
9:15 am	Break
9:30 am	APDS Presidential Address – “The Agony and the Ecstasy: Lessons Learned” Jon Morris, MD, APDS President, Hospital of the University of Pennsylvania, Philadelphia, PA Introduction: John D. Mellinger, MD, Southern Illinois University, Springfield, IL
10:45 am	Professional Development Series – Chattanooga Surgery – Adversity and Change Cindy Schultz Rudolph, University of Tennessee College of Medicine, Chattanooga, TN
11:45 am	Lunch (on own)
1:00 pm	Electronic Residency Application Service (ERAS) - Jennifer Nelson, ERAS Fellowship Programs Relations Specialist & DK Sujlana, Director, ERAS Programs Relations; AAMC Headquarters, Washington, DC
2:15 pm	Professional Development – What I’ve Learned & What I Wish I Knew - Eileen M Kleffner, University of Texas Health Science Center at San Antonio, San Antonio, TX; Ginger Hildebrand, University of Tennessee Medical Center, Knoxville, TN
3:30 pm	Break
3:45 pm	ACGME Updates and Q&As John Potts, MD; Danny Takanishi, MD; Donna Lamb, BSN, MBA; ACGME Headquarters, Chicago, IL
5:00 pm	Adjourn
6:00 pm	Joint Reception APDS/ASE/ARCS

Thursday, April 23

ARCS

7:15 am	ARCS Breakfast
7:30 am	Announcements
7:35 am	Cultural Diversity Margaret Tarpley, MLS, Vanderbilt University Medical Center, Nashville, TN
8:30 am	The Benefit of a Global Surgery Rotation in a General Surgery Residency Program Dane Smith, MD, April Grant, MD, Darlene Norton, C-TAGME, Greenville Health System, Greenville, SC
9:30 am	Break
9:45 am	APDS Keynote Address - “Unconventional Responses to Unique Catastrophes: Tailoring the Law to Meet the Challenges” Kenneth R. Feinberg ,Feinberg Rozen, LLP, Washington, DC
11:00 am	American Board of Surgery Update Barbara Jalbert-Gerkens, American Board of Surgery, Philadelphia, PA
12:15 pm	Door Prize and meeting wrap-up
12:30 pm	Adjourn
1:00 pm	ARCS Executive Committee Post-Meeting