



April 23- 27, 2019
Chicago, Illinois



Association of Program Directors in Surgery
Tuesday – Thursday
April 23-25



Association of Residency Administrators in Surgery
Tuesday – Thursday
April 23-25



Association for Surgical Education
Thursday – Saturday
April 25-27

Fairmont Chicago Millennium Park

Surgical Education Week
April 23-27, 2019
Fairmont Chicago Millennium Park, Chicago, Illinois
Association for Surgical Education
Association of Program Directors in Surgery
Association of Residency Administrators in Surgery

Dear Colleagues:

Surgical Education Week (April 23-27, 2019) will occur in downtown Chicago this spring for meetings at the Fairmont Chicago Millennium Park. The 2019 Joint Meeting of the APDS, ARAS and ASE focuses our attention on the multiple opportunities and challenges of surgical education in the changing health care environment which provide a wealth of new opportunities and challenges.

Please block off April 23-27 now and begin to make your flight reservations.

Jennifer Choi, Michael Awad and SuAnn White have done a terrific job in crafting creative educational components for our program. On Monday, April 22, the APDS will again offer the APDS Program Directors Workshop, spearheaded by Course Directors Alfred Chahine and Benjamin Jarman, an optional opportunity which most Program Directors find to be an indispensable element of Surgical Education Week. This program runs from 11:30 am on Monday morning until 11:00 am Tuesday and brings together key materials as well as practical experience, advice, and insights, and is equally appropriate for new Program Directors as well as serving as a refresher course for experienced PDs.

The APDS starts things off this year on Tuesday at 12:00 noon with the first Paper Session followed by the "What New: ABS, ACS, ACGME, RRC and LCME Panel". A panel on "Resident Education Research That Gets Stuff Done: How to answer the lingering questions of education best practices" will follow and Tuesday will conclude with poster sessions. Wednesday morning opens with a Town Hall followed by the third Paper Session, Dr. Timothy Nelson's Presidential Address and a panel on "The Program Director Toolbox: Assessments for learning – the best tools for helping our residents improve".

Wednesday afternoon offers attendees two APDS workshop discussions from among eighteen different options, the fourth paper session, and an additional panel on the topic "Welcome to the big leagues - July 1 is coming, but are they ready". Thursday morning, the joint APDS/ASE program day begins with the fifth APDS Paper Session Quick Shot, followed by the Keynote Address from John Burrows, PhD, Senior Lecturer in Leadership, Harris Public Policy, The University of Chicago, to discuss "The Social Capital of Leaders". The Keynote Address will be followed by a fourth panel on "Diversity and Inclusion: Beyond Checking the Boxes". **The Joint ASE, APDS, ARAS Reception will be held on Wednesday, April 24th at 6:00pm.**

The ARAS program starts Monday morning with the ARAS New Administrators Workshop. The main ARAS program begins Tuesday morning with the ARAS Keynote Speaker, Kimberly Schenarts, Ph.D., followed by the Professional Development Session "Continuity in the Admin Office: Succession Planning in one Surgery Residency Training Program" and two breakout sessions. The ARAS Welcome Reception will be held on Tuesday evening. Wednesday morning features TAGME and SCORE updates, the APDS Presidential Address followed by topics on ACGME PC Advisory Board, Navigating the FIT Application Process and Poster on "Incidence and Characterization of Bullying in Medicine - An International Survey of Trainees". The afternoon features ARAS Jeopardy and ACGME RRC Updates followed by the Joint APDS, ARAS, ASE Reception. Thursday morning begins with Professional Development Session "Best Practices We learn From Each Other" followed by the APDS Keynote Address and concludes with the session "Things I Can't Believe I Have to Say!".

The ASE will offer three special pre-meeting workshops on Wednesday, April 24 – "Graduate Surgical Education: Providing Effective Verbal Feedback to Trainees – Knowledge, Skills, and Applications", "SERG Qualitative Methods and Writing Qualitative Work for Publication" and "Troubleshooting Your Clerkship". The ASE Coordinators Track Program will also be offered Wednesday, April 24 thru Saturday, April 27.

The ASE program begins officially Thursday afternoon with a plenary paper session, followed by the J. Roland Folse Lectureship and afternoon podium sessions. The evening will feature a poster session and reception, Candlelight Session and Social Event off-site.

The Friday morning session begins with two podium sessions, a panel session followed by Dr. Susan Steinemann's Presidential Address. Friday afternoon gives attendees the opportunity to attend one of two ASE workshop offerings, as well as "Thinking Out of The Box Lunch". The afternoon features the Royce Laycock Lectureship and three podium session. Friday concludes with the ASE Banquet and Awards Reception.

The ASE meeting will conclude at 12:30 pm on Saturday with the SERG Research Collaborative Project, paper session and two panel sessions.

Registration details are enclosed. You can register for one group's meeting or choose the single fee option which entitles you to attend any and all APDS, ARAS or ASE events from Tuesday through Saturday at 12:30 pm. Separate registration is needed for the APDS New Program Directors Workshop, the ARAS New Administrators Workshop, and any of the ASE Wednesday Workshops.

We hope that you will find Surgical Education Week 2019 informative and motivating. We know that you will enjoy spending time with your fellow surgical educators and we look forward to seeing you in Chicago.

M. Timothy Nelson, MD
President, APDS

Susan Steinemann, MD
President, ASE

SuAnn White, C-TAGME
President, ARAS

Jennifer Choi, MD
APDS Program Chair

Michael Awad, MD
ASE Program Chair

General Information

Objectives

To provide a forum for individuals involved in surgical education to seek new approaches and creative solutions to problems and issues in medical education. To enhance understanding of changes and problems facing surgical residency programs in training surgical residents and medical students, and to improve management skills in this environment.

Registration Hours & Fees

APDS New Program Directors Workshop

Monday	April 22	11:30 am
Tuesday	April 23	7:30 am
APDS		
Tuesday	April 23	7:00 am - 7:00 pm
Wednesday	April 24	7:00 am - 6:00 pm
Thursday	April 25	7:00 am - 12:00 pm

ARAS

New Administrators Workshop:	Monday, April 22	7:00 am-5:30 pm
Tuesday	April 23	7:00 am - 7:00 pm
Wednesday	April 24	7:00 am - 6:00 pm
Thursday	April 25	7:00 am - 12:00 pm

ASE

Thursday	April 25	10:00 am - 6:15 pm
Friday	April 26	7:00 am - 6:00 pm
Saturday	April 27	7:00 am - 12:30 pm

**On or Before
3/1/19** **On or After
3/2/19**

REGISTRATION FEES:

*There will be a \$50 increase in the registration fee for APDS, ASE and SEW registrations processed after April 17, 2019.

APDS New Program Directors Workshop & Registration

Monday 11:30am-Tuesday concludes at 11:00 am	\$375	\$425
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ARAS New Administrators Workshop: Monday

Member/Non-Member	\$100	\$100
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ARAS Meeting: Tuesday-Thursday

Member	\$550	\$600
Non-Member	\$800	\$850
Spouse/Guest	\$175	\$175

APDS Meeting: Thursday-Saturday

Member	\$550	\$600
Non-Member	\$800	\$850
APDS Resident Member	\$125	\$175
Spouse/Guest	\$175	\$175

ASE Meeting: Thursday-Saturday

Member	\$550	\$600
Non-Member	\$800	\$850
Resident Member	\$125	\$175
Non-Member Resident	\$175	\$225
Spouse/Guest	\$175	\$175

ASE Coordinators Track Program: Wednesday-Saturday

Member	\$450	\$500
Non-Member	\$600	\$650

ASE PRE-MEETING WORKSHOPS

ASE Troubleshooting Your Clerkship (see description below)

April 24 – 8:00am-5:00pm

Member/Non-Member	\$200	\$250
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ASE Qualitative Methods and Writing Qualitative Work (see description below)

April 24 – 8:00am-5:00pm

Member/Non-Member	\$200	\$250
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ASE Graduate Surgical Education (see description below)

April 24 – 8:00am-11:00am

Member/Non-Member	\$100	\$150
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Surgical Education Week - APDS/ARAS/ASE: Tuesday-Saturday*

*ARAS New Administrators Workshop, APDS New Program Directors, ASE workshops And ASE Thinking Out of The Box Lunch not included

Member	\$725	\$775
Non-Member	\$975	\$1025
Resident/Medical Student	\$425	\$475
Spouse/Guest	\$250	\$250

APDS: Breakfast on Wednesday and Thursday and a box lunch on Wednesday will be provided for meeting registrants. Registration also includes admission to the Wednesday evening joint cocktail reception for all groups.

ARAS: Continental Breakfast Tuesday, Wednesday and Thursday will be provided for meeting registrants. Registration also includes admission to the Wednesday evening joint cocktail reception for all groups.

ASE: Continental-style breakfasts (Friday and Saturday) will be provided for meeting registrants. Registration also includes admission to the Wednesday evening joint cocktail reception for all groups, plus one ticket per paid registrant for the Friday evening ASE Banquet (for ASE registrants or for Surgical Education Week meeting registrants only). Tickets will be included in the registration packets available for pick-up during the meeting at the ASE/APDS Registration Desk. Additional tickets for the Friday evening ASE Banquet can be purchased for \$125 each.

Hotel Information

The Fairmont Chicago Millennium Park is located at 200 North Columbus Drive, Chicago, Illinois 60601, for APDS/ARAS/ASE meeting attendees is \$179 + tax for single or double occupancy. RESERVE EARLY. THE HOTEL WILL LIKELY SELL-OUT OVER THE DATES OF THE APDS/ARAS/ASE MEETING. Please be sure your reservation request reaches the Fairmont Chicago Millennium Park prior to April 1st, 2019, when any remaining rooms will be released. Once the APDS/ARAS/ASE block of rooms is sold out, which may be earlier than April 1st, 2019, there is no guarantee that rooms will be available or that they will be available at the APDS/ARAS/ASE convention rate.

Hotel Reservations:

- **Online** – Go to www.APDS.org or www.surgicaleducation.com and click on the link to the Fairmont Chicago on-line reservation site.
 - **Phone** – Fairmont Chicago Millennium Park Hotel Reservations (312) 565-8000.
- You must reference the APDS/ARAS/ASE/SEW meeting to get the special convention rate of \$179 + tax .

For complete check in/check out information and list of hotel amenities visit their website at <https://www.fairmont.com/chicago/>

Personal Consideration Room

A private room is available behind the Front Desk for nursing mothers and others with sensitive personal health needs. Please see a Front Desk agent for access.

Note: this room is not staffed and ADPS/ARAS/ASE are not responsible for items left in the room.

APDS/ARAS/ASE Joint Reception

On Wednesday evening, April 24th, all meeting attendees are invited to a welcoming reception at 6:00pm.

Exhibits

Manufacturers of equipment and pharmaceuticals, publishers of journals, textbooks and educational materials, and firms offering computer software have been invited to join us. ASE and APDS thank these exhibitors for their support, and urge you to visit the exhibits during the breaks and throughout the day, from Wednesday through Friday.

ASE Pre-Meeting Workshops

ASE Troubleshooting Your Clerkship

This offering has the objective to provide professional development and educational/curricular tools for Surgery Clerkship Directors and Coordinators to run and improve their clerkship offerings as well as to provide resources, strategies and examples of curricular offerings, administrative guidance, and peer troubleshooting for their unique needs.

ASE Qualitative Methods and Writing Qualitative Work for Publication

The course will provide an opportunity for ASE members to gain skills in conducting and writing about qualitative research, something that most members, particularly those without formal training in education, have probably not had. The course would combine both presentation of information and tips regarding qualitative research and publication as well as active learning and application of these strategies. Workshop topics will include types of qualitative design, study methods, data analysis, writing about qualitative work, time for consultation on individual projects, and other topics determined by the invited course facilitator.

ASE Graduate Surgical Education

Feedback is essential to improving trainee performance in cognitive, psychomotor, and affective domains. Yet instructors and learners consistently report different perceptions about whether they have given, or received, effective feedback. Additionally, instructors often voice perceived barriers to providing feedback, especially when it is regarded as negative and/or the learner's reaction is unexpected. This course will provide participants with knowledge and skills to give effective verbal feedback, address learner reactions, and debrief feedback interactions. Participants will also obtain materials and methods to implement a version of this course customized for their own institutional needs.

Educational objectives

This course will provide participants with the knowledge and skills to:

1. Explain educational concepts relevant to effective feedback and methods to provide such feedback to trainees.
2. Identify and utilize opportunities to provide effective feedback to trainees, including ensuring that trainees are cognizant of having received feedback.
3. Manage and respond appropriately to a variety of trainee responses, particularly when negative or unexpected.
4. Conduct effective debriefing of interactions between instructors and trainees.
5. Implement knowledge and skills acquired in this course at their own institutions to teach effective feedback strategies to others.

ASE Thinking Out of the Box Luncheon

On Friday, April 25, the ASE Curriculum Committee will sponsor a forum for the brief presentation of creative ideas which are educationally sound, but which may not have undergone rigorous analytic proof of efficacy. The idea is to have members share creative ideas that have worked for them. The forum will be held during the "unassigned" lunch hour and a box lunch will be provided by separate subscription. The cost is \$25. There is a line on the registration form to register for this program.

ASE Banquet

On Friday evening, April 26, the ASE banquet will be held at the Fairmont Chicago at 6:30pm. The registration fee for ASE meeting attendees includes admission to this event; one admission per registrant will be included in with meeting registration. Additional tickets can be purchased for \$125 each.

APDS New Program Directors Workshop

The New Program Director's Workshop will be offered before the APDS meeting. This will take place on Monday, April 22, from 11:30 pm to 7:30 pm, and on Tuesday, April 23, from 7:30 am to 11:00 am [separate registration required]. The dynamic workshop will include a review of key ABS, RRC, ACGME and other requirements impacting surgery residency programs. All Program Directors, whether new or with experience, and Associate Program Directors are encouraged to register for this special program. A cocktail reception will be held Monday at the conclusion of the session at 7:30pm. **Program materials will be distributed via dropbox so participants are encouraged to bring an appropriate electronic device that will allow for viewing.**

APDS Workshops

APDS Workshops will be held on Wednesday, April 24. Session 1 begins at 12:00 pm, and Session 2 starts at 1:00 pm. Sign-up will take place at the time of on-site registration. Seating is limited and will be on a first-come, first-served basis. Box lunches will be provided during APDS Workshop Session I.

ARAS Residency Administrators Meeting

On Monday, April 22, from 7:00 am–5:00 pm, there will be a special workshop for all new Residency Administrators [separate registration required]. Administrators will attend special presentations, panels and breakout sessions. Continental Breakfast on Tuesday, Wednesday and Thursday will be provided for meeting registrants. Registration also includes admission to the Wednesday evening joint cocktail reception for all groups.

ARAS Jeopardy

NEW this year! ARAS Jeopardy will be held on Wednesday, April 24th with a tentative time of 2:00pm. You can find a teammate or we can help find one for you! Please visit the ARAS website for more information www.arasurgery.org

ASE Social Event – Private Chicago Boat Tour

Thursday, April 25, 2019

8:00pm - 10:00pm (boat leaves at 8:30pm)

Celebrate with your colleagues on your very own private cruise. Enjoy the exclusive open-air venue as it cruises through the heart of the city on the Chicago River. This event will include dinner and a full bar. To partake in this social event RSVP by purchasing the social event ticket when registering for the annual meeting!

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through a pending joint sponsorship of the American College of Surgeons and the Association for Surgical Education/Association of Program Directors in Surgery. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Registration Fee after April 17, 2019

There will be a \$50 increase in the registration fee for APDS, ASE and SEW registrations processed after April 17, 2019.

Cancellation

Notice of cancellation and requests for refunds must be received in writing and can be faxed into the APDS office at 301-263-9025 or email apds@mindspring.com. Cancellations will not be accepted by telephone. If notice of cancellation is received by **MARCH 22, 2019**, a full refund will be given. A **50% refund** will be given if written notice is received by **MARCH 27, 2019**. No refunds will be issued if written notice is received after **MARCH 27, 2019**.

Additional Information

APDS and ARAS –email: apds@mindspring.com Ph : (301) 320-1200

ASE –email: info@surgicaleducation.com Ph: (310) 215-1226

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American College of Surgeons and the Association of Program Directors in Surgery. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of **18.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



AMERICAN COLLEGE OF SURGEONS
*Inspiring Quality:
Highest Standards, Better Outcomes*



AMERICAN COLLEGE OF SURGEONS
DIVISION OF EDUCATION

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American College of Surgeons and Association for Surgical Education. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of **16.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



AMERICAN COLLEGE OF SURGEONS
*Inspiring Quality:
Highest Standards, Better Outcomes*



AMERICAN COLLEGE OF SURGEONS
DIVISION OF EDUCATION

PROGRAM OBJECTIVES

To provide a forum for individuals involved in surgical education to seek new approaches and creative solutions to problems and issues in medical education. To enhance understanding of changes and problems facing surgical residency programs in training surgical residents and medical students, and to improve management skills in this environment. Upon completion of this course attendees will have a better understanding of surgical education principles, as applied to techniques and treatment options across a broad range of general surgery issues.

DISCLOSURE INFORMATION

In compliance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see the insert to this program for the complete disclosure list.

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Monday, April 22

APDS

11:30 am	Registration for APDS New Program Directors Workshop
12:00 pm	APDS New Program Directors Workshop Part I - separate pre-registration required
1:45 pm	Break
7:30 pm	Reception for New Program Directors Workshop attendees

Tuesday, April 23

APDS

7:30 am	APDS New Program Directors Workshop - separate pre-registration required
10:00 am	Registration Opens
11:00 am	New Program Directors Workshop Concludes
12:00 pm	Opening of the 38th Annual Meeting of the APDS M. Timothy Nelson, MD, President APDS, University of New Mexico, Albuquerque, NM Jennifer N. Choi, MD, APDS Program Chair, Indiana University School of Medicine, Indianapolis, IN
12:15 pm	APDS Paper Session I Moderators: Rebecca Schroll, MD, Tulane University, New Orleans, LA and Robert Josloff, MD, Abington Hospital, Abington, PA Can the Perceived Difficulty of a Physical Task Enhance Performance? Yazan AlJamal MBBS, Nicholas Prabhakar BS, Humza Saleem MD, David Farley MD, Mayo Clinic, Rochester, MN (R) Can a Structured, Video-Based Cadaver and Laparoscopic Curriculum Demonstrating Proficiency Enhance Resident Operative Autonomy? Mohammad Raheel Jajja, MD ^{1,2} , Steven C Kim, MD ¹ , Vivian L Wang, MD ¹ , Johanna M Hinman, MPH ¹ , Keith A Delman, MD ^{1,2} , Jahnavi K Srinivasan, MD ¹ , ¹ Department of Surgery, ² Winship Cancer Institute, School of Medicine, Emory University, Atlanta, GA (R) See None, Do Some, Teach None: An Analysis of the Contemporary Operative Experience as Non-Primary Surgeon Alexander Cortez, MD ¹ Leah Winer, MD ¹ , Al-Faraaz Kassam, M ¹ , Joshua Kuethe, MD ¹ , R. Cutler Quillin, MD ¹ and John R. Potts III, MD ² , ¹ University of Cincinnati, Cincinnati, OH, ² ACGME, Chicago, IL (R) Does Perceived Resident Operative Autonomy Impact Patient Outcomes? Jennifer Fieber, MD, Elizabeth Mollo, MD, Chris Wirtalla, BA and Rachel Kelz, MD, University of Pennsylvania, Philadelphia, PA (R) Enhancing the Resident Operative Autonomy Saad Shebrain, MD, Gulrez Mahmood, MD, John Collins, MD, Duncan Vos, MS, Gitonga Munene, MD and Lisa Miller, MD, Western Michigan University Homer Stryker MD School of Medicine, Kalamazoo, MI (R)
1:30 pm	What's New: ABS, ACS, ACGME, RRC, LCME Moderator: M. Timothy Nelson, MD, University of New Mexico, Albuquerque, NM What's new at ABS – Jo Buyske, MD, Executive Director, American Board of Surgery, Inc., Philadelphia, PA What's new at ACGME – John R. Potts, MD, Senior Vice President, Surgical Accreditation ACGME, Chicago, IL What's new in the RRC – Jeffrey B. Matthews, MD, Chair, Residency Review Committee for Surgery, Chicago, IL What's new at ACS - Ajit Sachdeva, MD, FACS, American College of Surgeons, Chicago, IL What's new at LCME – Barbara Barzansky, PhD, Secretary of the American Medical Association (AMA) Council on Medical Education and Assistant Secretary of the Liaison Committee on Medical Education, Chicago, IL
2:45pm	Break
3:00 pm	APDS Panel Session I: Resident Education Research That Gets Stuff Done: How to answer the lingering questions of education best practices Moderator: James Korndorffer, MD, Stanford University, Palo Alto, CA Why Graduate Surgical Education matters for best patient care outcomes – Yoon Soo Park, PhD, University of Illinois College of Medicine at Chicago, Chicago, IL What are best practices in conducting GSE research? – Michael Kim, MD, PhD, Wilson Centre, University of Toronto, Toronto, Ontario, Canada How can we collaborate to make sure our research is meaningful? – Amy Hildreth, MD, Wake Forest School of Medicine, Winston-Salem, NC Big data is for more than just patient outcomes – Brian George, MD, University of Michigan, Ann Arbor, MI
4:15pm	APDS Paper Session II Moderators: Kyla Terhune, MD, Vanderbilt University, Nashville, TN and Cary Aarons, MD, Hospital of the University of Pennsylvania, Philadelphia, PA Implementation of the Fundamentals of Vascular Surgery for General Surgical Residents Edmund Lee, MD, Sylvia Berecknye Merrell, MD, PhD, Jason Lee, MD and Michael Sgori, MD, Stanford University School of Medicine, Stanford, CA (R) The Junior Surgeon Performance Assessment Tool: an Assessment Tool for Surgeons in their First Year of Independent Practice Heather Hoops, MD, Karen Deveney, MD and Karen Brasel, MD, Oregon Health & Science University, Portland, OR (R) Number of operative performance ratings needed to reliably assess the difficulty of surgical procedures Kenneth Abbott, MS, Xilin Chen, MPH, Michael Clark, PhD, Nikki Bibler Zaidi, PhD and Brian George, MD, University of Michigan Medical School, Ann Arbor, MI Surgical Inpatients' Attitudes toward Resident Participation: All about Expectations Katherine Beale, MD, Jason Kempenich, MD, Ross Willis, PhD, Mohammed Al Fayyadh, MD, Charles Reed, MD, Carmen Paccione, Peter Ebeling, MD, Haisar Dao Campi, MD and Daniel Dent, MD, UT Health San Antonio, San Antonio, TX (R) Surgeon communication and family understanding of patient prognosis in critically ill surgical patients: A qualitative investigation informs resident training Anna Newcomb, PhD ¹ , Carly Allred, MD ² , Charles Grove, RN ¹ , Hugh Newcomb, BA ¹ , Denise Mohess, MD ¹ , Jonathan Dort, MD ¹ and Mary Margaret Griffen, MD ¹ , ¹ Inova Fairfax Medical Campus, Falls Church, VA, ² Surgical Associates of Austin, Austin, TX
5:30 pm	Break

(R) Entry in Resident Competition

Poster Sessions**Poster Session 1**

Moderator: Christiana Shaw, MD, University of Florida, Gainesville, FL

Discussants: Arthur Rawlings, MD, University of Missouri, Columbia, MO, Rick Sidwell, MD, Iowa Methodist Medical Center, Des Moines, IA and Paul Nelson, MD, Sunrise Health GME Consortium, Las Vegas, NV

SCORE – Leveling the Playing Field for Surgical Training Programs

Emily Onufer, MD¹, Anne Trolar, MPH², Mark Hickey, MA³, Mary Klingensmith, MD¹, Mark Malangoni, MD³, and Amit Joshi, MD⁴, ¹Washington University, St. Louis, MO, ²Institute for Public Health, Washington University, St. Louis, MO, ³Surgical Council on Resident Education, Philadelphia, PA, ⁴Einstein Healthcare Network, Philadelphia, PA

Resident and Faculty Collaboration can Improve Surgical Morbidity and Mortality Conference

Philip Dowzicky, MD, Andrew Newton, MD, Lauren Krumeich, MD, Cary Aarons, MD, Rachel Kelz, MD and Jon Morris, MD, University of Pennsylvania, Philadelphia, PA

Program Director Insights on Selecting Applicants for Interviews

Timothy Sadiq, MD¹, Amy Hildreth, MD², Heath Giles, MD³, Michael Meyers, MD¹ and Keith Delman, MD⁴, ¹University of North Carolina School of Medicine, Chapel Hill, NC, ²Wake Forest School of Medicine, Winston Salem, NC, ³University of Tennessee Chattanooga, Chattanooga, TN, ⁴Southeastern Education Consortium

Two to tango: kidney transplantation operative times are a reflection of both resident and attending experience

Sonal Walia, BA, Michael LeCompte, MD, Andrew Sayce, PhD, Gretchen Edwards, MD, John Ewing, BE, Jamie Robinson, MD, Alva Bethurum, Kyla Terhune, MD and Rachel Forbes, MD, Vanderbilt University, Nashville, TN

The Value of Surgical Graduate Medical Education (GME) Programs Within an Integrated Health System

Claire Lauer, MD, Moshen Shabahang, MD, Brian Restivo, MBA, Samantha Lane, MHS, Sarah Hayek, MD and Evan Ryer, MD, Geisinger Medical Center, Danville, PA

The CHARGE format for General Surgery Journal Club: A New Approach for Evidence-Based Practice

Jenna Capuano, MD¹, Romeo Ignacio, MD¹, Michael Krzyzaniak, MD¹ and Rechell Rodriguez, MD², ¹Naval Medical Center San Diego, San Diego, CA, ²Uniformed Services University of the Health Sciences, Bethesda, MD

Evaluating the Impact of Required “This Week in SCORE” on General Surgery ABSITE Performance

Leah Winer, MD, Alexander Cortez, MD, R. Cutler Quillin III, MD, Amy Makley, MD, Jeffrey Sussman, MD and Joshua Kuethe, MD, University of Cincinnati, Department of Surgery, Cincinnati, OH

COVER: A curriculum in the management of soft tissue injury and infection for junior surgery residents

Emily Onufer, MD, Erin Andrade, MD, MPH, Grant Bochicchio, MD, John Kirby, Paul Wise, MD and Laurie Punch, MD, Washington University, St. Louis, MO

A Prospective Observational Study Using Wearable Activity Trackers to Monitor General Surgery Resident Sleep Cycles

Tamer Shaker, MD¹, Joseph Carroll, MD², G. Paul Wright, MD¹ and Mathew Chung, MD¹, ¹Spectrum Health/Michigan State University, Grand Rapids, MI, ²University of Nevada, Las Vegas, NV

Poster Session 2

Moderator: James Lau, MD, Stanford University School of Medicine, Stanford, CA

Discussants: Areti Tillou, MD, David Geffen School of Medicine, Los Angeles, CA, Burt Cagir, MD, Guthrie/Robert Packer Hospital, Sayre, PA and Mary Katherine Kimbrough, MD, University of Arkansas for Medical Sciences, Little Rock, AR

Safely Reducing the Interview Burden in the Match

Marc Melcher, MD, Irene Lo, PhD, Irene Wapnir, MD, Erling Skancke, MS, Alvin Roth, PhD and Itai Ashlagi, PhD, Stanford School of Medicine, Stanford, CA

Surgical Combat Lessons: Preservation by Video Teleconference in Resident Education

Michael Hornacek, MD and Michael Krzyzaniak, MD, Naval Medical Center San Diego, San Diego, CA

Inferring Resident Autonomy for Surgical Procedures with Learning Curves

Ruchi Thanawala, MD and Jonathan Jesneck, MD, University of Iowa HealthCare, Carver College of Medicine, Iowa City, IA

Feasibility of Workplace-Based Assessment of ICU Learners

Daniel Kendrick, MD, MAEd, Greg Wnuk, MPH, Hoda Bandeh-Ahmadi, PhD and Brian George, MD, MAEd, Center for Surgical Training and Research, Department of Surgery, University of Michigan, Ann Arbor, MI

Successful Implementation of ACS-ERRA and ACS-OSCE in a Competency Based Curriculum for PGY1 General Surgery Residents

Elizabeth Huffman, MD, John Martin, MD, Nicholas Anton, MS, Brianne Nickel, MA, Nicole Lee, MD and Jennifer Choi, MD, Indiana University, Department of Surgery, Indianapolis, IN

Muffins and Meditation: Combating Burnout in Surgical Residents

Kshama Jaiswal, MD, Caitlin Robinson, BA, Angela Sauaia, PhD, Abbie Beacham, PhD, Clay Cothorn Burlew, MD and Barry Platnick, MD, Denver Health Medical Center and University of Colorado Department of Surgery, Denver, CO

Rural General Surgery Experience as a Valuable Adjunct to an Academic Based General Surgery Residency

Scarlett Hao, MD, Helen Johnson, MD, Joyce Jhang, MD, Adam Celio, MD, Lauren Frye, DO, Lilly Bayouth, MD, Jeremy Joseph, MD and Danielle Walsh, MD, Vidant/ECU, Greenville, NC

Application of Advanced Bioinformatics to Understand and Predict Burnout Among Surgical Trainees

Vadim Kurbatov, MD, Mollie Freedman-Weiss, MD, Danielle R. Heller, MD, Benjamin Resio, MD, Vanessa Baratta, MD, and Peter S. Yoo, MD, Yale Department of General Surgery, New Haven, CT

Trust but Verify: Early Assessment of Graduating General Surgery Resident Operative Readiness and Implementation of Remediation

Elizabeth Huffman, MD, Don Selzer, MD, John Martin, MD, Dimitrios Stefanidis, MD, Jennifer Choi, MD, and Nicole Lee, MD, Indiana University, Department of Surgery, Indianapolis, IN

Poster Session 3

Moderator: Andreas Meier, MD, SUNY Upstate Medical University, Syracuse, NY

Discussants: Donald Hess, MD, Boston University, Boston, MA, Kim Hendershot, MD, University of Alabama, Birmingham, AL and David Edelman, MD, Wayne State University School of Medicine, Detroit, MI

Is a dedicated breast surgery rotation adequate for knowledge acquisition and retention among general surgery residents?

Douglas J. Cassidy, MD, Nikhil Panda, MD¹, Suzanne Coopey, MD, Sophia K. McKinley, MD EdM, Arian Mansur, Emil Petrusa, PhD, John Mullen, MD, Roy Phitayakorn, MD MHPE, Denise Gee, MD- Department of Surgery, Massachusetts General Hospital, Boston, MA, USA

Boot Camp in a Box: Initial Experience with Pre-Training Skills Preparation for New Interns

Sheina Theodore, MD, Heather Grant, MD, John Budrow, BS, Gladys Fernandez, MD and Neal Seymour, MD, Baystate Medical Center, Springfield, MA

Tuesday, April 23

APDS

Beyond the Annual ACGME Resident Survey: Using Qualitative Research Methodology to Optimize Interpretation of the Results.

Dmitry Nepomnashy, MD¹, Heather Ford, MD¹, Iman Ghaderi, MD², Lahey Hospital and Medical Center, Burlington, MA, ²University of Arizona, Tucson, AZ

Identifying bias in patient safety reporting

Sarah Kemp, BA, Matthew Bobel, MD, Jeffrey Chipman, MD, Mira Jurich, MA, Carolina Branson, PhD and Melissa Brunsvold, MD, University of Minnesota, Minneapolis, MN

Analysis of Gender Bias in Chair Letters of Recommendation for General Surgery Applicants

Stacy Aubry, MD, Jason Crowner, MD and Michael Meyers, MD, University of North Carolina at Chapel Hill, Chapel Hill, NC

Assessing the Safety between Verbal and Visual Bedside Handoffs in Surgical Residents at Rotation Transition

Ray Segebrecht, MD, Michael Moncure, MD, Brooke Nelson and Kelly Kapp, MD, University of Missouri-Kansas City, Kansas City, MO

Creating a Morbidity and Mortality Conference in a Previously Non-Academic Hospital: a Two-Year Evolution

Katherine Mastriani, MD, Elizabeth Lafitte, MBA and Michael Schurr, MD, Mountain Area Health Education Center, Asheville, NC

Development and Utilization of a Web-Based Operative and Procedure Evaluation Tool

Uzer Khan, MD, and David Borgstrom, MD, West Virginia University, Morgantown, WV

Fellows as Teachers: Improving Educational Collaboration Among Surgical Trainees in Graduate Medical Education

Alan Harzman, MD, Xiaotong Chen, PhD, Daniel Eiferman, MD, Amber Traugott, MD, Amalia Cochran, MD and Sherif Abdel-Misih, MD, The Ohio State University, Columbus, OH

Poster Session 4

Moderator: Michael Meyers, MD, University of North Carolina, Chapel Hill, NC

Discussants: William Havron, MD, Orlando Health Center, Orlando, FL, Sarah Moore, MD, University of New Mexico, Albuquerque, NM and Brooke Nelson, MD, University of Missouri-Kansas City, Kansas City, MO

Teaching Communications Skills to Surgical Residents: When Residents Lead a Published Curriculum

Julia M. Chandler, MD MS¹, Edmund W. Lee, MD¹, Kimberly Kopecky, MD, MCSI¹, Shireen Heidari, MD¹, Chang Liu, PhD¹, Denise Mohess, MD¹, Sylvia Bereksyey Merrell, DrPH MS¹, James N. Lau, MD¹, Jonathan Dort, MD² and Anna B. Newcomb, PhD², ¹Stanford University School of Medicine, Stanford, CA, ²Inova Fairfax Hospital, Falls Church, VA

Optimizing Surgical Resident Allocation in the Emergency Department

Abdulaziz Alkattan, MBBS, Takuya Ogami, MD, Ingrid Schmiederer, MD, Konstantin Khariton, DO, Chun-cheng Chen, MD and Christopher Foglia, MD, New York Presbyterian/Queens, Flushing, NY

Perception of surgical education: identifying discrepancies among residents and faculty in a general surgery program

Jacob Edwards, MD, Nicole Garcia, MD and Danielle Walsh, MD, East Carolina University, Greenville, NC

Improving Satisfaction with Operating Room Feedback: An Effective, Low-Profile, No-Cost Intervention

Matthew P. Shaughnessy, MD, Samantha L. Ahle, MD, Walter E. Longo, MD and Peter S. Yoo, MD, Yale School of Medicine, New Haven, CT

Utilization of a Novel Program-Specific Evaluation Tool Results in a Markedly Different Interview Pool than Traditional Application Review

Joshua Lyons, MD, Katherine Bingmer, MD, Meggi Lensman, MBA, Jaclyn Buffington, MBA and Jeffrey Marks, MD, University Hospitals Cleveland Medical Center, Cleveland, OH

Learning from Online Resources in Surgical Training Programs: The SCORE Online Portal

Sarah Jung, PhD and Gabrielle Every, University of Wisconsin School of Medicine and Public Health, Madison, WI

Does Contemporary General Surgery Training Include Sufficient Operative Trauma Experience?

Lily Tung, MD, Sarah A Moore, MD, Richard C Maduka, MD, Patrick M Reilly, MD, Mark J Seamon, MD, Daniel N Holena, MD, Lewis J Kaplan, MD and Niels D Martin, MD, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA

Sharps injury behavior among Medical Students and Residents

Jihyun Yun, MD and Danielle Berera, MD, San Joaquin General Hospital, French Camp, CA

Measuring the Impact of Error Reporting by Residents using a HIPAA Protected App

Benjamin Pomy, MD, Ryan Lin, BS, Elizabeth Bayliss, BSN, Valentina Lengkon, BS, Paul Lin, MD and Juliet Lee, MD, George Washington University, Washington, DC

6:45pm

Adjourn for day

Wednesday, April 24

ASE – Pre-Meeting Courses

8:00am-11:00am **ASE Pre-Meeting Course - Graduate Surgical Education: Providing Effective Verbal Feedback to Trainees – Knowledge, Skills, and Applications**

8:00am-5:00pm **ASE Pre-Meeting Course – SERG Qualitative Methods and Writing Qualitative Work for Publication**

8:00am-5:00pm **ASE Pre-Meeting Course – Troubleshooting Your Clerkship**

2:00pm-5:00pm **ASE Coordinator Track Program**

4:00pm-6:00pm **ASE Committee Meetings**

6:00pm **Joint Reception APDS/ARAS/ASE**

Wednesday, April 24

APDS

7:00 am **Town Hall – ABS, ACS, ACGME, RRC, LCME**

8:00 am **APDS Paper Session III**

Moderators: Peter Yoo, MD, Yale School of Medicine, New Haven, CT and Jacob Greenberg, MD, University of Wisconsin, Madison, WI

Building a Framework for Self-Regulated Learning in Surgical Education

Cali E. Johnson, MD, Kenneth Yates, EdD, and Maura E. Sullivan, PhD, Department of Surgery, Keck School of Medicine, and Rossier School of Education, University of Southern California, Los Angeles, CA (R)

Multi-Disciplinary Simulation Activity Effectively Prepares Residents for Participation in Patient Safety Activities

Joshua Weis, MD, Carol Croft, MD, Ravi Bhoja, MD and Daniel Scott, MD, University of Texas Southwestern Medical Center, Dallas, TX (R)

Sexual Harassment in Surgery—is Operating Room Culture the Culprit?

Mollie Freedman-Weiss, MD, Alexander Chiu, MD, MPH, Danielle Heller, MD, Nita Ahuja, MD, MBA, Walter Longo, MD, MBA and Peter Yoo, MD, Yale School of Medicine, New Haven, CT (R)

(R) Entry in Resident Competition

April 23-27, Chicago

APDS	<p>Residents as key effectors of change in improving opioid prescribing behavior Elizabeth Lancaster, MD, Joseph Lin, MD, Rhiannon Croci, RN, Sarah Imershein, MPH, Elizabeth Wick, MD and Kenzo Hirose, MD, University of California, San Francisco, San Francisco, CA (R)</p> <p>Diversity in the Last Decade of the Association of Program Directors in Surgery: A Descriptive Analysis of Leadership and Future Directions APDS Diversity Taskforce: Tania K. Arora, MD, Daniel Dent, MD, Charles Friel, MD, Subhasis Misra, MD, Christina Shaw, MD, Kari Rosenkranz, MD, Minerva Romero Arenas, Howard Ross, MD, Steven Holsten, MD, Rodrigo Alban, MD, Melissa Brunsvold, MD, Clarence Clark, MD, Melissa Camp, MD, Maggie Arnold, MD, Samir Johna, MD, Franz Smith, MD, Jose Monzon, MD, Lilah Morris-Wiseman, MD, Thavam Thambi-Pillai, Alicia Logue, Ahmed Mahmoud, MD, Lori Wilson, MD, Peter Yoo, MD and Valentine Nfonsam, MD</p>
9:15 am	Break
9:30 am	<p>APDS Presidential Address: The Surgeon and the Three-Foot Putt M. Timothy Nelson, MD, President APDS, University of New Mexico, Albuquerque, NM</p>
10:45am	<p>APDS Panel Session II: The Program Director's Toolbox: Assessments for Learning vs. Assessments of Learning: Best tools for helping our residents improve Moderator: John Mellinger, MD, Southern Illinois University Program, Springfield, IL The need for the toolbox – Daniel Vargo, MD, University of Utah School of Medicine, Salt Lake City, UT Best assessments for Technical Skills - Jahnavi Srinivasan, MD, Emory University, Atlanta, Georgia Best assessments for Non-Technical Skills – Jonathan Dort, MD, Inova Fairfax Hospital, Falls Church, VA Best assessments for Judgment in patient care - George Sarosi, MD, University of Florida College of Medicine, Gainesville, FL</p>
12:00 pm	<p>APDS Luncheon Workshops – Session 1 (box lunch provided)</p> <ol style="list-style-type: none"> The American College of Surgeons Entering Resident Readiness Assessment (ACS-ERRA): Optimizing Assessment Data for Resident and Program Improvement Kathy Liscum, MD, Georges Bordage, MD, PhD, Yoon Soo Park, PhD, Maura E. Sullivan, PhD, Patrice Gabler Blair, MPH, Melissa Gesbeck, PhD, Ajit K. Sachdeva, MD, Division of Education, American College of Surgeons, Chicago, IL Hurricanes and Surgical Residencies: The inside story Carl Haisch, MD¹, Paula Termuhlen, MD², Annette Pascuel Marrero, MD³, Brett Starr, MD¹, Danielle Walsh, MD¹, Will Hope, MD⁴, George Fuhrman, MD⁵ and Donna Lamb, DHSc, MBA⁶, ¹East Carolina University School of Medicine, Greenville, NC, ²University of Minnesota Medical School, Duluth, MN, ³University of Puerto Rico, San Juan, PR, ⁴New Hanover Regional Medical Center, Wilmington, NC, ⁵Ochsner Clinic Foundation, New Orleans, LA, ⁶ACGME, Chicago, IL An Educational Time-Out Takes GUTS: A Model for Effective and Efficient Teaching in the Operating Room Jeremy M. Lipman, MD, Robert Naples, DO and Judith C. French, PhD, Cleveland Clinic, Cleveland, OH Recruiting & Training IMGs Today: Best practices to ensure a successful experience for all Christine Shiffer MBA¹, Eleanor Fitzpatrick, MA¹ and Daniel Dent, MD², ¹Educational Commission for Foreign Medical Graduates (ECFMG), Philadelphia, PA, ²UT Health San Antonio, San Antonio, TX Peer Reviewers and/or peer reviewed; training residents for future practice environment Ebondo Mpinga, MD, FACS¹, Richard B. Damewood, MD, FACS¹, Ahmed Mahmoud, MD, FACS², Annis Ali, MD¹, ¹WellSpan York Hospital, York, PA, ²Riverside Community Hospital, Riverside, CA How to Get Your Paper Published: Understanding the Journal Editorial and Review Process Karen Brasel, MD, MPH, Amit Joshi, MD; James Korndorffer, MD, MHPE, Travis Webb, MD, MHPE, Douglas Smink, MD, MPH, Journal of Surgical Education Best Practices in Identifying and Managing Burnout and the Trainee at Risk for Self-Harm Melissa Brunsvold, MD, David Rothenberger, MD, Jeffrey Chipman, MD, Kaz Nelson, MD and David Darrow, MD, University of Minnesota, Minneapolis, MN Survey Research Methodology: Designing the Best Items APDS Research Committee: Edmund W. Lee, MD, Karen J. Brasel, MD; Amanda Phares MD, David T. Harrington, MD, Alan J. Schwartz, PhD, James R. Korndorffer, MD Implementing a Patient-Centered Communications Curriculum for Surgery Residents at Your Institution Julia Chandler, MD¹, Edmund Lee, MD¹, Kimberly Kopecky, MD¹, James Lau, MD¹, Anna Newcomb, PhD² and Jonathan Dort, MD², ¹Stanford University, Department of Surgery, Stanford, CA, ²Inova Fairfax Medical Center, Department of Surgery, Falls Church, VA
1:00 pm	<p>APDS Luncheon Workshops – Session 2</p> <ol style="list-style-type: none"> eRVU: Ways to assign value to education activities Daniel Vargo, MD, FACS and Brigitte Smith, MD, University of Utah School of Medicine The Surgery Education Retreat: A Tool for Continuous Program Improvement Ashley Counts, MHA, Sanda Tan, MD, Christiana Shaw, MD and George A Sarosi Jr, MD, Department of Surgery, University of Florida College of Medicine, Gainesville FL Train the Trainer: Mentoring Resident Quality Improvement Projects Vanita Ahuja, MD¹, Peter Yoo², MD, JoAnn Coleman, NP¹, ¹Sinai Hospital of Baltimore, Baltimore, MD, ²Yale School of Medicine, New Haven, CT Going Global: Developing International Rotations For Surgical Residency Programs Kaitlin A Ritter MD¹, Valerie Vilchez MD¹, Jeremy M Lipman MD¹ and Alan Harzman MD² ¹Cleveland Clinic, Cleveland, Ohio; ²Ohio State University Wexner Medical Center, Columbus, Ohio Survey Research Methodology: Sampling and Data Analysis APDS Research Committee: Edmund W. Lee, MD, Karen J. Brasel, MD, Amanda Phares, MD, David T. Harrington, MD, Alan J. Schwartz, PhD and James R. Korndorffer, MD New SCORE Features That Your Residents Will Thank You For Mary E. Klingensmith, MD, Washington University, Saint Louis, MO, Amit R.T. Joshi, MD, Einstein Healthcare Network, Philadelphia, PA, A. Alfred Chahine, MD, Children's National Health System, Washington, DC, Sarah McLaughlin, MD, Mayo Clinic, Jacksonville, FL, Robert Blue, DO, Keesler AFB Medical Center, Biloxi, MS, Tess H. Aulet, MD, University of Vermont Medical Center, Burlington, VT, Mark Hickey, MA, SCORE, Philadelphia, PA Preventing Resident Suicide: Evidence-Based Strategies for Recognition and Action Allana White, MD and Mark Nehler, MD, University of Colorado SOM Department of Surgery, Aurora, CO Surgical X Games: Using Low Cost Models/Tools to Assess Surgical Trainees Fareeda Mukhtar MBBS, Mohamed Baloul, MBBS, Nizam Shaikh, MD, Rafael de Azevedo, MD, Abhishek Chandra, MD, Courtney Backstrom, MD, Vicky Yeh, MD, Samuel Allen, MD, Aashish Rajesh, MD, Stephanie Heller MD, John Stulak MD, Mariela Rivera MD and David Farley MD, Mayo, Rochester, MN General Surgery Residency Faculty Evaluation: How to implement Faculty Milestones Benjamin Jarman, MD and George Fuhrman, MD, Gunderson Medical Foundation, La Crosse, WI and Ochsner Medical Institution, New Orleans, LA

(R) Entry in Resident Competition

Wednesday, April 24

APDS

2:00 pm

APDS Paper Session IV

Moderators: Vance Sohn, MD, Madigan Army Medical Center, Tacoma, WA and Jeffrey Sussman, MD, University of Cincinnati, Cincinnati, OH

A Simulation-based Selection Process for Identifying 4th Year Medical Students Who Will Become Outstanding General Surgery Residents

Yazan AlJamil, MBBS, Humza Saleem, MD, Nicholas Prabhakar, BS, Travis McKenzie, MD, David Farley MD, Stephanie Heller, MD, Mayo Clinic, Rochester, MN (R)

Under-represented Minorities are Under-represented Among General Surgery Applicants Invited to Interview

Benjamin T. Jarman MD¹, Kara J. Kallies MS¹, Amit R.T. Joshi MD², Douglas S. Smink MD³, George A. Sarosi MD⁴, Lily Chang MD⁵, John M. Green MD⁶, Jacob A. Greenberg MD⁷, Marc L. Melcher MD⁸, Valentine Nfonso MD⁹, Luis D. Ramirez MPH¹, James Whiting MD¹⁰¹Gundersen Medical Foundation, Gundersen Health System, La Crosse, WI; ²Einstein Healthcare Network, Philadelphia, PA; ³Brigham Women's Medical Hospital, Boston, MA; ⁴University of Florida, Gainesville, FL; ⁵Virginia Mason Medical Center, Seattle, WA; ⁶Carolinas Medical Center, Charlotte, NC; ⁷University of Wisconsin, Madison, WI; ⁸Stanford University, Stanford, CA; ⁹University of Arizona, Tucson, AZ; ¹⁰Maine Medical Center, Portland, ME

Development of a Framework for Selection Attributes of Residents

Alisa Nagler, EdD¹, Maura Sullivan, PhD², James Korndorffer, MD³, John Boulet, PhD⁴, Matt Lineberry, PhD⁵, Jeremy Lipman, MD⁶, Patrice Gabler Blair, MPH², and Ajit K. Sachdeva, MD, FACS, FRCSC, FSACME², ¹American College of Surgeons, Chicago, IL, ³Stanford University School of Medicine, Stanford, CA ²Keck School of Medicine, Los Angeles, CA, ⁴Educational Commission for Foreign Medical Graduates, Philadelphia, PA, ⁵University of Kansas Health System and University of Kansas Medical Center, Kansas City, KS, ⁶Cleveland Clinic, Department of Colorectal Surgery, Cleveland, OH

Association between Medical Student Grit and USMLE Performance

Nicholas Anton, MS, Megan Rendina, BS, Katie Stanton-Maxey, MD and Jennifer Choi, MD, Indiana University School of Medicine, Indianapolis, IN

Supervised Sexism: Gender Bias Experiences of Female Surgical Trainees

Kara Barnes, MD, Rohini McKee, MD, Lauren McGuire, BS, Andrew Sussman, PhD and Cassandra Castenada, BS, University of New Mexico HSC, Albuquerque, NM

3:15 pm

APDS Foundation and APDS Research Grant Update

Paula M. Termuhlen, MD, University of Minnesota Medical School, Duluth, MN

David T. Harrington, MD, Brown University SOM/Rhode Island Hospital, Providence, RI

3:30 pm

Break

3:45 pm

APDS Panel Session III: Welcome to the big leagues - July 1 is coming, but are they ready?

Moderator: Jeremy Lipman, MD, Cleveland Clinic, Cleveland, OH

Pre-Residency Prep Course: What should PDs expect – Keith Delman, MD, Emory University School of Medicine, Atlanta, GA

Beginning of Residency Boot Camp – Is this still necessary – Mariela Rivera, MD, Mayo Graduate School of Medicine, Rochester, MN

What gaps in preparedness still exist and how do we assess for those – Amit Joshi, MD, Albert Einstein Medical Center, Philadelphia, PA

Creating individualized learning plans – getting them where they need to be - Jennifer LaFemina, MD, University of Massachusetts Medical School, Worcester, MA

5:00 pm

Presentation of APDS Best Resident Paper Award

5:00 pm

Milestones

Laura Edgar, EdD, CAE, Vice President, Milestones Development, ACGME, Chicago, IL

5:15 pm

APDS Business Meeting (APDS Members Only); Strategic Planning Update

6:00 pm

Joint Reception APDS/ARAS/ASE

Thursday, April 25

APDS and ASE Joint Program

7:00 am-11:00 am

ASE Committee Meetings

ASE Foundation Board Meeting

7:00 am-12:00 pm

ASE Coordinator Track Program

7:00 am

Research Collaborations

8:00 am

APDS “QUICK SHOT” Paper Session V

Moderator: John M. Green, MD, FACS, Carolinas Healthcare System, Charlotte, NC

Co-Moderator: Paul J. Schenarts, MD, University of Nebraska Medical Center, Omaha, NE

Tracking Surgical Education Survey Research Through the APDS Listserv

Tiffany Anderson, MD, Edmund Lee, MD, Sylvia Bereksyey Merrell, MD, PhD and James Korndorffer, MD, Stanford University, Stanford, CA

Longitudinal Relationship of Procedure Experience and Independence Readiness among General Surgery Residents: Does Gender Play a Role?

Anjali Wagle, BS, Joshua Richman, MD, Herbert Chen, MD, John Porterfield, MD, Thomas Wang, MD and Brenessa Lindeman, MD and Erin P. Buczek, MD, University of Alabama School of Medicine, Birmingham, AL

Investigating Gender Differences in Faculty Evaluations by Trainees in a Gender-Balanced General Surgery Program

Jillian Angelo MD, Ashkan Moazzez MD, Angela Neville MD, Yazmin Lona, Christian de Virgilio MD, Harbor-UCLA Medical Center, Torrance CA

The Resident Outcome Project: Increased Academic Productivity Associated with a Formal Clinical Research Curriculum

Thomas Miner, MD, William Cioffi, MD and David Harrington, MD, Brown University/Rhode Island Hospital, Providence, RI

Surgery Program Director Turnover Correlates With Residency Graduate Failure on American Board of Surgery Examinations in Civilian Residency Programs

Davis Payne, BS¹, Daniel Dent MD¹, Mohammed Al Fayyadh MD¹, Jason Kempenich MD¹, Ross Willis PhD¹, Ronald Stewart, MD¹ and John Potts MD², ¹UT Health San Antonio, San Antonio, TX, ²ACGME, Chicago, IL

Traumatized Residents – It's not surgery. It's medicine.

Theresa Jackson, MD, Cici Zhou, BS, Zhamak Khorgami, MD, Diane Jackson, DVM and Kevin Taubman, MD, University of Oklahoma School of Community Medicine, Tulsa, OK

Attrition Rate in Military General Surgery GME and Effect on Quality of Military Programs

Gabrielle Rolland, MD¹, Robert Cromer, MD², Romeo Ignacio, MD³, Daniel Lammers, MD⁴, Brandon Propper, MD⁵ and E. Matthew Ritter, MD¹, ¹The Department of Surgery at Walter Reed National Military Medical Center, Bethesda, MD, ²Department of Surgery at Keesler USAF Medical Center, Biloxi, MS, ³Department of Surgery at Naval Medical Center San Diego, San Diego, CA, ⁴Department of Surgery at Madigan Army Medical Center, Joint Base Lewis McChord, WA, ⁵Department of Surgery at San Antonio Military Medical Center, Fort Sam Houston, TX

Thursday, April 25

APDS and ASE Joint Program

Verification of Proficiency in Basic Skills for PGY-1 Surgical Residents: 10-Year Update

Austin Beason, MD, Collin Hitt, PhD, Janet Ketchum, CST, CSFA Heather Rogers and Hilary Sanfey, MB, BCh, MHPE, FACS, Southern Illinois School of Medicine, Springfield, IL

What are we REALLY looking for in a Letter of Recommendation?

Aashish Rajesh, MBBS, Mariela Rivera, MD, Courtney Backstrom, BS, Abhishek Chandra, BA, Mohamed Baloul, MBBS, Rafael Ulysses, MD, Nizamuddin Shaikh, MD and David Farley, MD, Mayo Clinic, Rochester, MN

Education Management Platform Enables Delivery and Comparison of Multiple Evaluation Types

Ruchi Thanawala, MD¹, Jonathan Jesneck, PhD¹ and Neal Seymour, MD², ¹University of Iowa Health Care, Carver College of Medicine, Iowa City IA, ²University of Massachusetts Medical School-Baystate, Springfield MA

9:15 am

Break

9:30 am

APDS Keynote Address: Creating Value: The Social Capital of Leaders

John Burrows, PhD, Senior Lecturer in Leadership, Harris Public Policy, The University of Chicago

Introduction: M. Tim Nelson, MD, President of APDS, University of New Mexico, Albuquerque, NM

10:45 am

APDS Panel Session IV: Diversity and Inclusion: Beyond Checking the Boxes

Moderators: Valentine Nfonsam, MD, The University of Arizona, Tucson, AZ and Kari Rosenkranz, MD, Dartmouth Hitchcock Medical Center, Lebanon, NH

Improving diversity of surgery residents by holistic recruiting - Clarence Clark, MD, Morehouse School of Medicine, Atlanta, GA and Tania Arora, MD, Augusta University, Augusta, GA

Recruiting diversity is not enough; retention is equally important - Paula Termuhlen, MD, University of Minnesota Medical School, Duluth Campus, Duluth, MN

How to create a departmental and institutional culture that embraces diversity and inclusion - Steve Stain, MD, Albany Medical College, Albany, NY

Implicit Bias; Prevalence and how to overcome it - Subhasis Misra, MD, HCA West Florida GME Consortium/Brandon Regional Hospital, Bandon, FL and Melissa Brunsvold, MD, University of Minnesota, Minneapolis, MN

Diversity and inclusion; Perspective from a white male - Daniel Dent, MD, University of Texas HSC, San Antonio, TX

12:00 pm

APDS Meeting Adjourns

Thursday, April 25

ASE

12:00 pm-12:10 pm

Welcome Remarks

Susan Steinemann, MD, ASE President; Michael Awad, MD, PhD, ASE Program Committee Chair

12:10 pm-1:45 pm

ASE Plenary Paper Session 1

Moderators: Susan Steinemann and Michael Awad

A Comprehensive National Survey on Thoughts of Attrition, Alternative Career Paths, and Reasons for Staying in General Surgery Residency - Ryan J Ellis, MD, MS, D. Brock Hewitt, MD, MPH, MS, Yue-Yung Hu, MD, MPH, Kathryn E Engelhardt, MD, MS, Anthony D Yang, MD, MS, Ryan P Merkow, MD, MS, Karl Y Bilimoria

Use of Error Management Theory to Quantify and Characterize Residents' Error Recovery Strategies - Carla M Pugh, MD, PhD, Katherine L Forsyth, PhD, Elaine R Cohen, MEd, Anne-Lise D D'Angelo, MD, Jacob A Greenberg, MD, EdM, Caprice C Greenberg, MD, MPH, Douglas A Wiegmann, PhD

Can Discourse Analysis Predict Surgical Outcomes? Evaluating How We Talk in the Operating Room and What it Means - Anne-Lise D D'Angelo, Andrew Ruis, David W Shaffer, Carla M Pugh

Resident Training Experience With Robotic Assisted Transabdominal Preperitoneal Inguinal Hernia Repair - Peter Ebeling, MD, Katherine Beale, MD, MPH, Kent Van Sickle, MD, Mohammed Al-Fayyadh, MD, Ross Willis, PhD, Juan Marcano, MD, Jason Kempenich, MD

Design, Implementation and Long Term Follow-Up of a Context Specific Trauma Training Course in Uganda: Lessons Learned and Future Directions - Sarah Ullrich, MD, Cathy Kilyewala, MBBS, Michael Lipnick, MD, Maija Cheung, MD, Martha Namugga, MBBS, Peter Muwanguzi, MBBS, Michael DeWane, MD, Arlene Muzira, MBBS, Janat Tumukunde, MBBS, Monica Kabagambe, Naomi Kebba, MBBS, Moses Galukande, MBBS, Jacqueline Mabweijano, MBBS, Doruk Ozgediz, MD, MSc

Experiential Learning and Reflection as a Means to Engage Medical Students in Interprofessional Collaborative Practice - Erik DeAngelis, MD, Rose Kleiman, BA, Laura Menez, RN, Paul P Lin, MD, FACS, Juliet Lee, MD, FACS

1:45 pm-2:45 pm

J. Roland Folse Lectureship

Ajit K. Sachdeva, MD, FACS, FRCSC, FSACME

"Surgical Education: From Novelty to Necessity"

2:45 pm-3:15 pm

Break

3:15 pm-5:00 pm

ASE Podium Session 1 - Curriculum Development

Moderators: Mayur Narayan and Halle Ellison

Assessment of Educational Needs for Rectal Cancer MRI Among Surgical Trainees Entering Complex General Surgical Oncology Fellowship - Sara Nofal, MD, MEd, Y. Nancy You, MD, George J Chang, MD, MSc, Elizabeth G Grubbs, MD, Brian Bednarski, MD

Surgical Instrument Standardization – A Pilot Cost Consciousness Curriculum for Surgery Residents - Kevin Y Pei, Robyn Richmond, Sharmila Dissanaik

Clinical Impact of Critical Care Summer School on Junior Resident Confidence in the Surgical Intensive Care Unit - Jason Fawley, MD, Ryan Howard, MD, Lena Napolitano, MD

Outcomes and Influences of Rural-Focused Integrated Clerkship Programs in General Surgery - Steven J Skube, MD, Nicole Thorndal, BS, James G Boulger, PhD, Kirby Clark, James G Coverdill, PhD, Paula M Termuhlen, Jeffrey G Chipman, Robert D Acton

Best Practice Guidelines for Establishing an International Orthopaedic Academic Partnership Between North American Institutions and Partners in Low- and Middle- Income Countries - Patrick Albright, Syed Ali, Alexandra Paul, David Wassef, David W Shearer, Sanjeev Sabharwal

Preparedness for the Operating Room: Evaluating the Utility of an Interactive Resource - Kerry A Swanson, BS, Jessica C Heard, BS, C E Welch, MD, Zhamak Khorgami, MD, Geoffrey S Chow, MD

"It's Like Learning by the Seat of Your Pants": Surgeons Lack Formal Training in Opioid Prescribing - Nagehan Ayakta, BA, Lindsay Sceats, MD, Sylvia Bereknyci-Merrell, DrPH, Cindy Kin

Pilot Implementation and Evaluation of a National Quality Improvement Taught Curriculum for Urology Residents: Lessons from the United Kingdom - Elena Pallari, Ms, Zarnie Khadjesari, Dr, Shekhar Biyani, Sunjay Jain, Dominic Hodgson, James Green, Nick Sevdalis

Surgeons Underestimate the Importance of Surgical Topics for Non-Surgeons: Results of a National Survey - Luke V Selby, MD, MS, Julia R Coleman, MD, MPH, Teresa Jones, MD, Mark Nehler, MD, Paul Montero, MD

Delayed Acquisition of the NIH K08 Mentored Career Development Award: Are Surgeons Behind the Scientific Eight Ball? - Brian Hosfield, MD, Quincy John, MD, Kristen Seiler, MD, Misty Good, MD, Troy Markel, MD

Thursday, April 25

ASE

3:15 pm-5:00 pm	<p>ASE Podium Session 2 - Medical Student Training Moderators: Doug Smink and Kimberly Hendershot</p> <p>Surgery Service Learning Model Provides Valuable Medical Student Training and Improves Patient Outcomes and Satisfaction - Su Yeon Lee, BSc, Megan G Janeway, MD, Elisa Caron, BSc, Zahrah Masheeb, BSc, Frederick Milgram, BA, Angela Jones, PA, Stephanie Volpe, PA, Sabrina Sanchez, MD, MPH, Lisa Allee, MSW, LICSW, Tracey Dechert, MD, FACS</p> <p>Harnessing Technology: A Web-Based Tool Improves Proficiency in Knot-Tying and Suturing Skills Among Fourth Year Medical Students Entering Surgical Residency - Kortney A Robinson, MD, Sarah Duncan, Research, Assistant, Charles Parsons, Alok Gupta, Charity Glass, Resident</p> <p>Integrating Advocacy Training Into the Third Year Surgical Clerkship - Kris Boelitz, Megan Janeway, MD, Susanna W.L. de Geus, MD, PhD, Lisa Allee, MSW, LICSW, Sabrina Sanchez, MD, MPH, Tracey Dechert, MD</p> <p>A Comprehensive Mass Casualty Incident (MCI) Curriculum for Medical Students Combining Didactics, Bleeding Control Skills and Simulation - Devashish J Anjaria, MD, Brad Chernock, Kurun Partap S Oberoi, MD, Wissam Nasser, Anastasia Kunac, MD</p> <p>Confident, Not Competent: Large Scale Implementation of ACS-ASE Surgical Skills Curriculum - Jennifer Calzada, MA, MPH, Christopher DuCoin, MD, MPH, FACS</p> <p>A Prospective, Randomized Comparative Effectiveness Trial of Two Methods of Midterm Student Performance Feedback on the Surgical Clerkship - David D Odell, MD, MMSc, Nabil Issa, MD, Trevor Barnum, RN, DNP, Jason Burke, BA, Susan Santacaterina, RN, Patricja Domanski, RN, Jonathan Fryer, MD, Amy Halverson, MD, Med</p> <p>Objective Assessments of Medical Students' Communication and Relationships with Non-Technical Skills - Yuhao Peng, Jackie Cha, Nicholas Anton, MS, Tomoko Mizota, MD, Julie Hennings, MSN, RN, CCRN, Ryan Stambro, Katie Stanton, MD, Dimitrios Stefanidis, MD, PhD, Denny Yu, PhD</p> <p>Stop the Bleed: Skills All Incoming Medical Students Should Learn - Brienne C Lubor, BS, Cara L Berkowitz, BA, Nidal Sholi, BA, Paolo de Angelis, BA, Lauren Tufts, BA, Mayur Narayan, MD, MPH, MBA, MHPE, FACS, FCCM, FICS</p> <p>Service Through Surgery: The Impact of a Seminar Course on Mentorship and Student Attitudes About Surgery, Diversity, and Care for the Underserved - Anna L Carroll, BA, Tyler S Bryant, MHS, Jecca Rhea Steinberg, MSc, Paloma Marin-Nevarez, BA, Sylvia Bereknyci Merrell, DrPH, MS, James N Lau, MD, MHPE, FACS</p> <p>A Multi-Institutional Implementation of a Subinternship Curriculum: Safe Education in a High-Stakes Audition Setting - Edmund W Lee, MD, John R Martin, MD, Sylvia Bereknyci Merrell, DrPH, MS, Katie J Stanton-Maxey, MD, James N Lau, MD, MHPE</p>
3:15 pm-5:00 pm	<p>ASE Podium Session 3 - Teaching Methods Moderators: Nancy Schindler and Brigitte Smith</p> <p>How Does Work Context Influence Helping Behaviours in Interdisciplinary Surgical Teams? A Multidisciplinary Perspective - Erin Kennedy, RNEC, PHCNP, PhD, Chris Watling, MD, PhD, Sayra Cristancho, PhD, Lorelei Lingard, PhD, Roberto Hernandez-Alejandro, Jeanna Parsons-Leigh, PhD</p> <p>Perceptual Expertise in Robotic Surgery: More Than Feeling What We See - Courtney A Green, MD, MAEd, Hueylan Chern, MD, Patricia O'Sullivan, EdD</p> <p>The Influence of Establishing Learning Goals in the Operating Room - Hailey M Shepherd, BS, Tawni M Johnston, Ashley R Allen, Brigitte K Smith, MD, Amalia L Cochran, MD</p> <p>Optimizing Learning Engagement During Mental Skills Training: Small Group vs. Individualized Training - Nicholas E Anton, MS, Eric A Bean, PhD, Erinn M Myers, MD, Dimitrios Stefanidis, MD, PhD</p> <p>Implementation of Intra-Operative Instructional Timeout Improves Proficiency in Surgical Stapler Usage by Surgical Residents - Allan Stolarski, MD, Na Eun Kim, MD, Patrick O'Neal, MD, Vivian Sanchez, MD, Edward Whang, MD, Gentian Kristo, MD, MPH, FACS</p> <p>Learning on the Surgical Post-Take Ward Round: A Missed Informal Educational Activity - Adarsh P Shah, MBBS, BSc, MRCS, MEd</p> <p>Caveat Emptor? A Framework to Consider Value-Based Education - Carl Gustaf S Axelsson, MD, MPhil, MMSc, Michael G Healy, EdD, Traci Wolbrink, MD, MPH, Julia King, Evan S Sanders, EdM, Roy Phitayakorn, MD, MHPE, MEd, FACS</p> <p>Chief Academy: Formalized Leadership Curriculum for Senior Surgical Residents - Natalie A O'Neill, MD, Nikhil K Prasad, MB, ChB, Jose J Diaz, MD</p> <p>Characterizing Teamwork in the Perioperative Environment: A Qualitative Analysis of Interprofessional Perspectives - Brittany Hasty, MD, MHPE, Paloma Marin Nevarez, BS, James Lau, MD, MHPE, FACS</p> <p>In-Situ OR Based TeamSTEPPS Training Leads to an Improvement in Non-Technical Skills Despite a Variable Increase in Confidence Among Different Perioperative Teams - D F Sigmon, MD, S Torres Landa, MD, V M Zoghbi, MD, J H Atkins, MD, PhD, M McCauley, R Branca, N Williams, MD, A D Brooks, MD, K R Dumon, MD, R C Caskey, MD</p>
5:00 pm-5:15 pm	Transition Break
5:15 pm-6:15 pm	ASE Poster Session and Reception
6:30 pm-8:00 pm	<p>Candlelight Session <i>Presented by the Committee on Citizenship & Social Responsibility</i></p>
8:00 pm-10:00 pm	<p>Social Event <i>(off-site, ticketed event, separate from meeting registration)</i></p>

Friday, April 26

ASE

7:00 am-12:00 pm	ASE Coordinator Track Program
7:00 am-8:00 am	ASE Business Meeting and Breakfast (ASE Members Only)
8:00 am-9:30 am	<p>ASE Podium Session 4 – Assessment Moderators: Jason Lees and Megan Miller</p> <p>A Novel Tool to Evaluate Resident Surgical Entrustable Professional Activities (SEPAS) Performance – Xiaodong (Phoenix) Chen, PhD, Alan Harzman, MD, Amalia Cochran, MD, E Christopher Ellison, MD</p> <p>Do Peers Give Valuable Feedback? Assessing the Quality and Quantity of Peer vs. Staff Narrative Comments - Natalie Wagner, Anita Acai, Nalin Amin, Ranil Sonnadara</p> <p>Beyond “Good Team Player”: An Extended Clinic Experience With a Surgical Faculty Member Results in More Descriptive Narrative Clinical Evaluations - Sarah L Larson, BA, Sarah Sullivan, PhD, Ann P O'Rourke, MD, MPH</p> <p>Best Practice Program for Central Venous Catheter Insertion: 3 Years of Refinement - Tiffany N Anderson, MD, Richard W Sapp, MS, Edmund W Lee, MD, Sylvia B Merrell, DrPH, Laura Mazer, MD, Cara Liebert, MD, Dana Lin, MD, James Lau, MD, MHPE</p> <p>Design of an Entrustable Professional Activity for Adult Extracorporeal Membrane Oxygenation – W. Christian Crannell, MD, Karen Brasel, MD, MPH, Bishoy Zakhary, MD, David Zonies, MD, MPH</p> <p>Do General Surgery Residents Become Faster in the OR Throughout the Academic Year? - Steven Gurien, MD, Ronald Dela Cruz, MD, Matthew Giangola, MD, Jeffrey Nicastro, MD, Vihas Patel, MD, Isadora Botwinick, MD</p>

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8:00 am-9:30 am	<p>ASE Podium Session 5 - Resident Training Moderators: Keith Delman and Jennifer Choi Implementing a Training Program to Improve Feedback in a Surgical Residency - Michael T Scott, William Burns, MD, Brianna Slatnick, MD, Nell Maloney Patel</p> <p>Intraoperative Trust Between Faculty and Residents Predicts Clinical Competency Among General Surgery Residents - Sunjong Ji, Charles Hwang, Monita Karmakar, Niki Matusko, Julie Thompson-Burdine, Rebecca M Minter, Gurjit Sandhu</p> <p>Is Culture Really Local or Are Surgical Residents a Conduit to Harmonize Best Practices Across Distinct Delivery Systems? - Tasce Bongiovanni, MD, MPP, Elizabeth Lancaster, MD, Joseph Lin, MD, Kristin Slown, PharmD, Keith Hansen, MD, Pat O'Sullivan, EdD, Elizabeth Wick, MD, Kenzo Hirose, MD</p> <p>The Quality of Operative Performance Narrative Feedback: A Comparison Between End of Rotation Evaluations and SIMPL - Samantha L Ahle, MD, Mary S Schuller, MEd, Emily Carnes, Mickyas Eskender, MD, Jennifer Doyle, MA, Jeanne Koehler, PhD, Gabrielle Shaughness, BA, Heeyoung Han, PhD, Boyung Suh, PhD, Xilin Chen, MPH, Ahmed Latif, Gregory Wnuk, MHSA, Jonathan P Fryer, MD, MHPE, John D Mellinger, MD, Brian C George, MD, MAEd</p> <p>Residents' Path Toward Autonomy in the Operating Room: A Hurdle Race - Ingrid Woelfel, MD, Brentley Smith, MD, David Strosberg, MD, Michael Villareal, MD, Alan Harzman, MD, Ritu Salani, Amalia Cochran, MD, Xiaodong (Phoenix) Chen, PhD</p> <p>Prospective Cohort Study: Gamification of Surgical Residency - John C McAuliffe, MD, PhD, Mindy Statter, MD, W. Scott Melvin, MD</p> <p>Design and Implementation of a Real-World Skills Curriculum for Senior Residents: The LASR (Life After Surgical Residency) Program - Lauren V Huckaby, MD, Anthony R Cyr, MD, PhD, Jennifer G Steiman, MD</p> <p>Resident Involvement in Minimally-Invasive vs. Open Surgical Procedures - Susanna W de Geus, MD, PhD, Alaina D Geary, MD, Jacob D Nudel, Sing Chau Ng, Cullen O Carter, David McAneny, Jason F Hall, Donald T Hess, Jennifer F Tseng, Luise I Pernar</p> <p>Pulled from the Passenger Seat: Resident Engagement in the OR - Melanie Hammond Mobilio, MA, Priyanka Patel, MD, Daniel Glatt, MD, Ryan Brydges, PhD, Carol-anne Moulton, MD, PhD</p> <p>Operating Room Preparation by General Surgery Residents: A Qualitative Analysis - Jenaya L Goldwag, MD, Sarah A Sullivan, PhD</p> <p>The Impact of Resident Involvement on Outcomes in Breast Cancer Surgery - Austin D Williams, MD, MEd, Robin M Ciocca, DO, Barry D Mann, MD</p> <p>Establishing Protected Education Time for General Surgery Residents - Lauren Huckaby, Anthony Cyr, Jennifer Steiman</p>
8:00 am -9:30 am	<p>ASE Podium Session 6 - Gender and Wellness Issues Moderators: Dana Telem and Michael Edwards Differences in Operative Self-Assessment Between Male and Female Plastic Surgery Residents: A Survey of 8,149 Cases - Carisa M Cooney, MPH, Pathik Aravind, Scott D Lifchez, MD, C. Scott Hultman, MD, MBA, FACS, Robert A Weber, MD, Sebastian Brooke, MD, Damon S Cooney, MD, PhD</p> <p>The Interaction Effect of Role and Gender on Psychological Safety - Nathaniel A Lee, MD, Nital Appelbaum, PhD, Sally Santen, MD, PhD, Amelia Grover, MD, FACS, Stephanie Goldberg, MD, FACS</p> <p>Is Beauty in the Eye of the Beholder? Differences in Surgical Training Program Preferences Among Women and Minorities - Katelyn Cavanaugh, PhD, Brian J Dunkin, MD, Ross Willis, Aimee Gardner, PhD</p> <p>The Gender Gap in Surgical Education Research - Jennifer Tseng</p> <p>Influence of Gender on Actual and Desired Procedural Skill Acquisition in Graduating Medical Students - Monica M Grova, MD, Michael O Meyers, MD</p> <p>The Impact of the Gender Gap on Surgeon Teaching Scores - Tulin Cil, M Kulasegaram, PhD, R Freeman, MD, S Ginsburg, MD, L Stroud, MD</p> <p>Surgeon Burnout: Implementation of a Wellness Curriculum to Support General Surgery Residents – A PRELIMINARY ASSESSMENT - Ankit Patel, MD, Lauren DeCaporale-Ryan, PhD, Michael Privitera, MD, Christina Cellini</p> <p>Risk Factors for Burnout and Depression Among Surgical Residents - Anthony H Bui, BS, Kyu Young Oh, BA, Jonathan A Ripp, MD, MPH, Dahlia Hassan, MD, Frank Basloe, BS, Saadia Akhtar, MD, I. Michael Leitman, MD, FACS</p> <p>Qualitative Assessment of a Wellbeing and Resiliency Program for General Surgery Residents: Are We Making an Impact? - Elinora T Price, MPH, Catherine R Coverley, MD, MEd, Amanda K Arrington, MD, Alanna Aullery, Valentine N Nfonsam, MD, Lilah Morris-Wiseman, MD, Taylor S Riall, MD, PhD</p> <p>The Wellness Crisis Facing Surgical Residents: Experiences at One Institution - Jessica Felton, MD, Sarah Kidd-Romero, Natalia Kubicki, MD, Stephen M Kavic, MD</p> <p>Physician Mistreatment in the Clinical Learning Environment - Nathaniel Lee, MD, Nital Appelbaum, PhD, Sally Santen, MD, PhD, Stephanie Goldberg, MD, FACS, Amelia Grover, MD, FACS</p> <p>Exploring the Relationship Between Burnout and Grit During General Surgery Residency - Alexander R Cortez, MD, Leah K Winer, MD, Al-Faraaz Kassam, MD, Joshua W Kuethe, MD, Jeffrey J Sussman, MD, R. Cutler Quillin III, MD</p>
8:30 am-10:00 am	<p>Nonphysician Professional Educator Development Session Facilitator: Beth Littleton, PhD</p>
9:30 am-10:00 am	<p>Break</p>
10:00 am-11:00 am	<p>ASE Panel Session 1 – The Creation of an Effective Surgical Education Team Panelists: Michael Hulme, PhD; Megan Miller, MD; Barb Pettitt, MD; Nancy Schindler, MD, MHPE; Jim Rucinski, MD</p>
11:00 am-11:50 am	<p>Presidential Address Susan Steinemann, MD, <i>ASE President</i> Introduction Ranjan Sudan, MD, <i>ASE President-Elect</i></p>

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11:50 am-12:00 pm	Transition Break
12:00 pm-1:00 pm	Thinking Out of the Box Lunch <i>(ticketed event, separate from meeting registration)</i> Chairs: Michael Hulme, MD & Jeremy Lipman, MD
12:00 pm-1:00 pm	Lunch on your own
1:00 pm-3:00 pm	Concurrent Workshops Medical Student Mistreatment: Coping Strategies and Resilience on the Surgery Clerkship Brittany Hasty, MD, MHPE, Sylvia Bereksnyei Merrell, DrPH, MS, James Lau, MD, MHPE, FACS "I Definitely, Maybe Want to go Into Surgery." The Nuances of Advising Medical Students - Jesse Moore, MD, Rachel Slotcavage, MD, Britney Corey, MD, Adam Kabaker, MD Completing an Effective Review of a Journal Submission - Michael Hulme, PhD, Jeremy Lipman, MD The Who, Why, and How of Video-Based Education on a Shoe String Budget -Michael G Healy, EdD, Carl Gustaf Axelsson, MD, MPH, MMSc, Roy Phitayakorn, MD, MHPE, FACS, Traci Wolbrink, MD, MPH Technology for Training and Assessment in Residency: How to Leverage Apps and Other Software -Ryland Stucke, MD, Kari Rosenkranz, MD, Jenaya Goldwag, MD, Abbey Fingeret, MD Protecting the Quality of our Assessments: Understanding Validity and Reliability in Surgery - Edmund W Lee, MD, Tiffany N Anderson, MD, Elizabeth M Huffman, MD, John R Martin, MD, Dana T Lin, MD, James N Lau, MD, MHPE, Jeremy M Lipman, MD, Yoon Soo Park, PhD, Ara Tekian, PhD, MHPE Launching as Resident as Teacher Program in a Surgical Residency - Luise I Pernar, MD How to Use Technology to Simultaneously Teach Learners at Multiple Sites - Ed Tech Committee Members, Jaisa Olasky, Roger Kim, MD You are Taking Care of Your Patients, Students and Residents. Who is Missing? Creating a Surgeon Well-Being Program - Hisakazu Hoshi, MD, James Rucinski, MD, Sarkis Meterissian, MD, Barbara Pettitt, MD Well-Being Assessment in Surgical Training Programs - Halle B Ellison, MD Making Residents' Average Performance Excellent: Learn How to Optimize Trainees' Performance Through Mental Skills Training - Nicholas E Anton, MS, Dimitrios Stefanidis, MD, PhD How to Learn From Feedback – Moving the Focus From Giving Feedback to Receiving Feedback - Christie Buonpane, MD, Sarah Hayek, Samantha Lane, Katelyn Young, Halle Ellison, Mohsen Shabahang
3:00 pm-3:30 pm	Break
3:30 pm-4:30 pm	Royce Laycock Lectureship Alan Schwartz, PhD "Medical and Surgical Education: What's Next"
4:30 pm-5:35 pm	ASE Podium Session 7 – Recruitment Moderators: Alan Ladd and Amy Goldberg A Pipeline to Surgery: Development and Implementation of an Experiential Program for Low-Income High School Students - Serena Bidwell, MPH, Miquell O Miller, MD, Edmund Lee, MD, Kirbi Yelorda, MD, Mary Hawn, MD, MPH, FACS, Sylvia Bereksnyei-Merrell, DrPH, MS, Arden M Morris, MD, MPH How the Public Obtain the Information for Surgical Journey—The Initial Result of Snowballing Recruitment - Chi-chuan Yeh, MD, Chiung-Nien Chen, MD, Hui-Ling Lin, RN Application Factors as Predictor of Success Among General Surgery Residents - Sarah Hayek, MD, Alison Wickizer, Samantha Lane, MHS, James Dove, BA, Marie Hunsinger, BSHS, RN, Marisa Clifton, MD, Halle Ellison, MD, Mohsen Shabahang, MD, PhD Variability of the 2018 Medical Student Performance Evaluation Between U.S. Medical Schools - Ian M Kratzke, MD, Michael O Meyers, MD Great Expectations? Future Competency Requirements Among Candidates Entering Surgery Training - Aimee K Gardner, PhD, Katelyn Cavanaugh, PhD, Ross Willis, PhD, Daniel Dent, MD, Henry Reinhart, MD, Mark Williams, MD, Bradford G Scott, MD, Michael Truitt, MD, Brian J Dunkin, MD Perspectives from General Surgery Applicants: What Makes Them Desirable – Sarah A Hayek, MD, Alison Wickizer, Collin Hummel, Samantha Lane, MHS, Halle Ellison, MD, Katerlyn Young, BS, Marie Hunsinger, BHSN, RN, Mohsen Shabahang, MD, PhD Clerkship Factors Influencing Medical Student Interest in Surgery - Al-Faraaz Kassam, MD, Alexander R Cortez, MD, Leah K Winer, MD, Krishna P Athota, MD, Ralph C Quillin III, MD How Applicants to General Surgery Residency Define Resilience - Sarah Hayek, MD, Collin Hummel, Samantha Lane, MHS, Halle Ellison, MD, Katelyn Young, BS, Christie Buonpane, MD, Marie Hunsinger, BHSN, RN, Mohsen Shabahang, MD, PhD
4:30 pm-5:35 pm	ASE Podium Session 8 - Simulation 1 Moderators: Melina Vassilou and Shari Meyerson Making Central Lines Safer: A Multidisciplinary Program to Improve Outcomes for Resident-Performed Ultrasound Guided Central Venous Access - Bao-Ling Adam, PhD, Richard Gordon, MD, Steve Holsten, MD, Matthew Lyon, MD Training for Speed or for Damage Control: Feedback Emphasis Matters in Laparoscopic Simulator Training - Jan-Maarten Luursema, PhD, Bas Kengen, MD, Harry van Goor, PhD, MD Initial Report on the Impact of a Perfused Fresh Cadaver Training Program in General Surgery Resident Trauma Education - Daniel Grabo, MD, David Borgstrom, MD Simulation-Based Bowel Anastomoses: Improving Standards of Competency-Based Education in Residency - Tiffany N Anderson, MD, Edmund W Lee, MD, Richard W Sapp, MS, Sylvia B Merrell, DrPH, Dana Lin, MD, Natalie Kirilcuk, MD, James Lau, MD, MHPE Arrests in the Operating Room: The Effect of Interdepartmental Simulation Training on Resident's Perceived Self-Efficacy - Brendan F Scully, MD, Allison Lee, MD, Jake Prigoff, MD, C. Randall Cooper, MD, Woo-Jin Shim, Nell Maloney-Patel, MD, Vivek Moitra, MD, Beth Hochman, MD A Training Curriculum Simulating Significant Intraoperative Bleeding During Laparoscopic Surgery Can Improve Resident Skill and Confidence - Stephen P Haggerty, MD, Jennifer Paruch, MD, Tetsuya Nakazato, MD, Kristine Kuchta, Nancy Schindler, MD From the Simulation Center to the Bedside: Validating the Efficacy of a Dynamic Haptic Robotic Trainer in Internal Jugular Central Venous Catheter Placement - Hong-En Chen, Cheyenne C Sonntag, David Pepley, Katelin Mirkin, David Han, Jason Moore, Scarlett R Miller Novel Visual and Auditory Force Feedback Simulator for Honing Knot Tying Capabilities of Surgical Residents - Roi Anteby, BS, Moti Cordoba, MD, Shlomi Laufer, PhD, Roy Mashiach, MD, Mordechai Gutman, MD, Imri Amiel, MD

Friday, April 26

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4:30 pm-5:35 pm	<p>ASE Podium Session 9 - Simulation 2 Moderators: Nick Sevdalis and Dana Lin The Impact of Navigation Grid Overlay on Performance of Camera Assistants During Laparoscopic Abdominal Procedures: A Prospective Randomized Study - Iman Ghaderi, MD, MSc, MHPE, Eric Hines, Brooke Quinton, McKenna White, Amlish Gondal, MBBS</p> <p>Validation of a Synthetic Bowel Model for Hand-Sewn Anastomosis Training Created using 3D Printing - Kurun Partap S Oberoi, MD, Mark A Liotta, BE, Sandra D Cojocar, BS, Devashish J Anjaria, MD, Melissa M Alvarez-Downing, MD, Aziz M Merchant, MD, David H Livingston, MD, Anastasia Kunac, MD</p> <p>Are Experts More Cautious? Effect of Scenario Variation in Advanced Airway Assessment - Kenneth H Perrone, MD, Hossein Mohamadipanah, PhD, Su Yang, BS, Anna Witt, BS, Brett Wise, BS, Cassidi Goll, BS, Stefani Dawn, PhD, Wade Eichhorn, BS, Carla Pugh, MD, PhD</p> <p>Operative Performance Outcomes of a Simulator Based Robotic Surgical Skills Curriculum – William Gerull, Ahmed Zihni, MD, MPH, Michael Awad, MD, PhD</p> <p>Comparison Between Commercially Available Simulated Bowel and 3D Printed Simulated Bowel - Gabrielle Rolland, MD, E. Matthew Ritter, MD, Peter C Liacouras, PhD, W. Brian Sweeney, MD</p> <p>Simulation-Based Laparoscopic Ultrasound Curriculum Improves Surgical Residents’ Skills and Confidence - Tetsuya Nakazato, MD, PhD, Mark S Talamonti, MD, Kristine Kuchta, BS, Michael B Ujiki, MD, Stephen P Haggerty</p> <p>Procedural Skill Competence in Graduating Medical Students: Evolving Experience and Desires - Monica M Grova, MD, Michael O Meyers, MD</p>
5:30 pm-6:00 pm	<p>Break</p>
6:00 pm-7:00 pm	<p>ASE Reception</p>
7:00 pm-9:00 pm	<p>ASE Banquet & Awards Reception</p>

Saturday, April 27

ASE

7:00 am-8:00 am	<p>SERG Research Collaborative Project</p>
7:00 am-12:00 pm	<p>ASE Coordinator Track Program</p>
8:00 am-9:30 am	<p>ASE Plenary Paper Session 2 Moderators: Susan Steinemann and Michael Awad Meaningful Autonomy in General Surgery Training: Exploring for Gender Bias - Samantha Lane, MHS, Sarah Hayek, MD, Katelyn Young, BS, James Dove, BA, Nicole Sharp, MD, Mohsen Shabahang, MD, PhD, Halle Ellison, MD</p> <p>SOS! Calling Attention to the States of Stress in Surgery - Sydney A McQueen, BSc, MSc, Melanie Hammond Mobilio, MA, Carol-anne Moulton, MBBS, PhD, FRACS</p> <p>Development of National Core Curriculum for Third Year Medical Students in Surgery - Ranjan Sudan, MD, Marc A DeMoya, MD, Kimberly G Echert, Linda M Barney, MD, Patrice G Blair, Kimberly M Brown, MD, Andre R Campbell, MD, Loretto Glynn, MD, Celeste M Hollands, MD, Krashina M Husdon, Stephen C Yang, MD, Ajit K Sachdeva</p> <p>Surgical Faculty Emotional Intelligence is Associated with Medical Student Evaluations - Holly B Weis, Joshua J Weis, Audra T Clark, Luis R Taveras, Tarik D Madni, Rebecca H Napier, Rohit R Sharma, Herbert J Zeh III, Kareem R Abdelfattah</p> <p>Key Logistical Factors for Mindfulness-Based Burnout Interventions in Surgery - Aditi Desai, Ekaterina Guvva, BS, Carter Ebares, MD</p>
9:30 am-9:45 am	<p>Break</p>
9:45 am-11:15 am	<p>ASE Panel Session 2 – Coaching: It’s Not Just for Remediation Anymore Panelists: Kim Brown; Paul Levy; Matthew Tews</p>
11:15 am-12:25 pm	<p>ASE Panel Session 3 – Workplace Bullying Among US Surgeons Panelists: Adnan Alseidi, MD; Amalia Cochran, MD; Mollie Freedman-Weiss, MD; Kevin Pei, MD</p>
12:30 pm	<p>ASE 2019 Annual Meeting Concludes</p>

Monday, April 22

ARAS

7:00 am	<p>ARAS Registration and New Administrators Workshop Breakfast</p>
7:45 am	<p>ARAS New Administrators Welcome SuAnn White, C-TAGME, University of Oklahoma, Oklahoma City, OK</p> <p>A Trip through the Seasons of the Year</p>
8:00 am	<p>Summer – Orientation, GME Track, FREIDA, NRMP, ACGME, Case Logs, WebAds, Annual Update Darlene Norton, C-TAGME, Greenville Health System, Greenville, SC Brianne Nickel, C-TAGME, Indiana University, Indianapolis, IN</p>
9:00 am	<p>Resident Presentation Justin Dux, MD, Medical College of Wisconsin, Milwaukee, WI</p>
9:30 am	<p>Group Photo/Break</p>
9:45 am	<p>Fall – ABS Board Results, Recruitment Planning and Facilitating, ABS Roster Updates Dorothy Dickinson, University of South Alabama, Mobile, AL Susan Ratliff, C-TAGME, TriStar Southern Hills Medical Center, Nashville, TN</p>
10:45 am	<p>ERAS for the New Administrator Julianne Winn, AAMC Manager, Strategy and Stakeholder Engagement</p>
11:30 am	<p>Lunch (Networking Luncheon)</p>
1:30 pm	<p>Winter Blues – Dana Lasek, PhD HSPP, licensed psychologist Indiana University, Indianapolis, IN</p>

Monday, April 22

ARAS

2:00 pm	Winter – Milestones, CCC, Semi Annuals w/Residents, ABSITE, ATLS, FLS, FES, Rotation Schedules for Boards, Mock Orals, Promotion, Remediation (lab years) Donna Heyduk, C-TAGME, Lankenau Medical Center, Wynnewood, PA Lisa Olson, Medical College of Wisconsin, Milwaukee, WI
3:00 pm	Break
3:30 pm	Spring – PEC/APE, ABS Board Applications, Match, Onboarding, Final Evaluations, Annual Evaluations, Graduation Sarah Kidd-Romero, C-TAGME, University of Maryland, Baltimore, MD Jessica Roof, Carolinas Medical Center, Charlotte, NC
4:30 pm	ARAS FEUD Dorothy Dickinson, University of South Alabama, Mobile, AL
5:15 pm	Session– Q&A ARAS Executive Committee Members

Tuesday, April 23

ARAS

7:00 am	Breakfast and Registration
8:00 am	ARAS Welcoming Remarks and Announcements SuAnn White, C-TAGME, President of ARAS, University of Oklahoma, Oklahoma City, OK M. Tim Nelson, MD, President of APDS, University of New Mexico, Albuquerque, NM
8:30 am	ARAS Keynote Address Kimberly D. Schenarts, Ph.D. Professor, Department of Surgery, University of Nebraska Medical Center, Omaha, NE
9:30 am	Break
9:45 am	Professional Development - Continuity in the Admin Office: Succession Planning in one Surgery Residency Training Program Bethany Brown, MHA, C-TAGME, Manager, Surgical Education, Swedish Medical Center, Seattle, WA Sandi Pettit, Program Administrator, Swedish Medical Center, Seattle, WA Marc Horton, MD, Program Director, Swedish Medical Center, Seattle, WA Ryan Martinez, MD, Associate Program Director, Swedish Medical Center Seattle, WA
10:45 am	Breakout Sessions <ol style="list-style-type: none">IMGS in Training: The Responsibilities, Challenges, and strategies for the Program Administrator Eleanor Fitzpatrick, Director, House of Medicine Initiative, Global Education in Medicine Services Educational Commission for Foreign Medical Graduates (ECFMG)ACS ERRA Exam - Identifying Intern Knowledge Gaps Betsy Huffman, MD, Indiana University, Indianapolis, IN Brienne Nickel, BA, MA, C-TAGME, Education Manager, Indiana University, Indianapolis, IN
11:45 am	Breakout Sessions <ol style="list-style-type: none">Best Practices in the University Residency Programs Claire Travis, MA MBA, C-TAGME, Education Manager, University of Colorado, COBest Practices in Community Programs Donna Heyduk, C-TAGME, Program Manager, Lankenau Medical Center, Wynnewood, PA Jessica Roof, BA, Program Manager, Carolinas Medical Center, Charlotte, NC
12:30 pm	Lunch on your own
2:00 pm	Professional Development - Self-Study Strategic Planning from a Departmental Administrative Viewpoint Holly Shilstone, BS, Manager, Surgery Education Programs, Baylor College of Medicine, Houston, TX
3:00 pm	Collecting/Tracking Required Data David Fehling, MA, Education Program Manager, Weill Cornell Medicine, New York, NY
3:30 pm	Break
4:00 pm	American Board of Surgery Barbara Jalbert-Gerkins, Examination Coordinator, American Board of Surgery, Philadelphia, PA
5:00 pm	Door Prize Drawing /Wrap up and Announcements Dorothy Dickinson, University of South Alabama, Mobile, AL Lisa Olson, Medical College of Wisconsin, Milwaukee, WI
6:00 pm	ARAS Reception

Wednesday, April 24

ARAS

7:00 am	Breakfast and Registration
8:00 am	Announcements Jessica Roof, Carolinas Medical Center, Charlotte, NC TAGME Update Linda Shaffer, C-TAGME, Senior Program Administrator, West Virginia University, Morgantown, WV SCORE Update Mark J. Hickey, MA, Chief Operating Officer, SCORE, Philadelphia, PA
8:30 am	Emergency Preparedness Panel William Havron III, MD, Program Director, Orlando Regional Medical Center, Orlando, FL. Rich Nagle, Program Coordinator, Cleveland Clinic Florida, Weston, FL Jennifer Baynosa, MD, Program Director, University of Nevada, Las Vegas, NV
9:30 am	APDS Presidential Address M. Tim Nelson, MD, President of APDS, University of New Mexico, Albuquerque, NM
10:30 am	Break
10:45 am	ACGME PC Advisory Board Juanita Braxton, PhD, Administrative Manager, F. William Blaisdell Surgical Education Programs, University of California-Davis Medical Center, Sacramento, CA
11:30 am	Navigating the FIT Application Process Allison Jones, BS, Residency Program Administrator, MedStar Georgetown University Hospital, Washington, DC
12:15 pm	Poster - Incidence and Characterization of Bullying in Medicine - An International Survey of Trainees Hemali Shah, BS, C-TAGME, Administrative Director, University of Illinois at Chicago, Chicago, IL
12:30 pm	Lunch on your own
2:00 pm	ARAS Jeopardy Brienne Nickel, MA, C-TAGME, Indiana University, Indianapolis, IN
3:00 pm	ACGME Common Requirements from the Prospective of Residency Administrators ARAS AdHoc Committee
3:45 pm	Break/Door Prize
4:00 pm	ACGME RRC Update Donna L. Lamb, DHSC, MBA, BSN, Executive Director, Plastic Surgery, Surgery and Thoracic Surgery, ACGME, Chicago, IL
5:15 pm	Wrap up and Announcements Sarah Kidd-Romero, C-TAGME, University of Maryland, Baltimore, MD
6:00 pm	Joint Reception APDS/ARAS/ASE

Thursday, April 25

ARAS

7:00 am	Continental Breakfast
8:00 am	Announcements/ARAS Membership Update Susan Ratliff, C-TAGME, TriStar Southern Hills Medical Center, Nashville, TN Mentor/Mentee Update Sarah Kidd-Romero, C-TAGME, University of Maryland, Baltimore, MD
8:30 am	Professional Development - Best Practices We learn From Each Other Cindy Rudolph, BS, MS, Administrative Manager, University of Tennessee Medical Center, Chattanooga, TN Eileen Kleffner, General Surgery Program Coordinator, University of Texas Health San Antonio
9:30 am	APDS Keynote
10:30 am	Break
10:45 am	Administrator Recognition Award
11:00 am	Things I Can't Believe I Have to Say! ARAS Executive Committee
12:15 pm	Door Prize ARAS Closing Statement SuAnn White, C-TAGME, President of ARAS, University of Oklahoma, Oklahoma City, OK Introduction: 2019 – 2020 ARAS Executive Committee – Donna Heyduk, ARAS President 2019-2020 Meeting Adjourned