



2022 Surgical Education Week

May 3 - 7, 2022
San Antonio, Texas



Association for Surgical Education
Tuesday – Thursday
May 3 – 5, 2022



Association of Program Directors in Surgery
Thursday – Saturday
May 5 – 7, 2022



Association of Residency Administrators in Surgery
Thursday – Saturday
May 5 – 7, 2022

Grand Hyatt San Antonio

Surgical Education Week
May 3-7, 2022
Grand Hyatt, San Antonio, Texas
Association for Surgical Education
Association of Program Directors in Surgery
Association of Residency Administrators in Surgery

Dear Colleagues:

Surgical Education Week (May 3-7 2022) will occur in San Antonio for meetings at the Grand Hyatt. The 2022 Joint Meeting of the ASE and APDS 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 May 3-7, 2022 now and begin to make your flight reservations.

Aimee Gardner, Cary Aarons, and Dorothy Dickinson have done a terrific job in crafting creative educational components for our program. Everyone can plan with certainty on taking part in these sessions, and all planning will be made with optimal flexibility that is possible by having all plans based on availability of BOTH in-person in San Antonio and live streaming capacities. All APDS and ARAS content and selected ASE sessions will be available concurrently to both the live audience in San Antonio and those using the live streaming option. **ASE and APDS are focused on your health and safety. We will be working with experts and local leaders to ensure a safe, healthy meeting. We will update you with more details when we are closer to the meeting. For those registrants who plan to attend in-person in San Antonio only, SEW 2022, you will be required to complete a written affirmation of vaccination status as part of your on-site registration. Vaccination (one-or-two primary Pfizer/Moderna/J&J) as well as booster status will need to be reported by on-site attendees who will need to bring proof of vaccination. Again, no affirmation of vaccination information is needed from those participating only via live stream.**

On Monday, May 2nd, ASE will begin with five pre-meeting courses—Mentorship and Leadership for Surgeon Educators, Fundamentals of a Career in Surgical Education: Pathway to Clinician Educator, Troubleshooting the Core Surgical Clerkship, Fundamentals of Teaching, and Item Writing Introduction for Novices (I WIN) [separate registration required for each]. The main ASE program meets Tuesday, May 3rd, all-day Wednesday, May 4th, and concludes at 11:45am on Thursday, May 5th.

Beginning on Tuesday at 12:00pm, the ASE portion of the meeting will get underway with Welcome Remarks from ASE President, Adnan Alseidi, MD, EdM and ASE Program Chair, Aimee Gardner, PhD, followed by the ASE Panel Session discussing Underrepresented Voices and the Plenary Paper Session, followed by the J. Roland Folse Lectureship. The day will continue with the ASE Poster Session, Reception, and the Candlelight Session. Wednesday morning opens with ASE Panel Session II featuring the 2nd Annual Interprofessional Education Simulation Video Competition, concurrent podium presentations, the ASE Presidential Address, ASE Panel Session III, featuring Predictive Analytics in the Era of EPAs, and concurrent podium sessions. Wednesday's lunch will have the perennial and ever-popular "Thinking Out of the Box" luncheon (no fee to attend, boxed lunch available for separate purchase). On Wednesday afternoon, ASE attendees will have their choice from a schedule of sixteen different workshops being offered. Workshops will be followed by Panel Session IV, featuring Surgical Vice Chair of Education and the Education Mission of the Department, concurrent podium sessions, and the ASE Royce Laycock Lectureship. Wednesday's educational program concludes with the Joint APDS/ASE/ARAS Reception, followed by the ASE Banquet and Awards Presentation. Thursday morning will begin with Panel Session V, featuring the Future of Surgical Education Contest, and continues with concurrent podium sessions. The ASE program concludes with Panel Session VI, featuring The Transition from Undergraduate to Graduate Medical Education: Current Issues & Future Directions and including panelists from both ASE and APDS, closing remarks, and a joint lunch with APDS.

On Wednesday, May 4th beginning at 7am, the APDS will again offer the APDS Program Directors Workshop, spearheaded by Course Director Alfred Chahine, with Mike Truitt and Julia Shelton, an optional opportunity which most Program Directors find to be an indispensable element of Surgical Education Week. This program runs from 7:00am on Wednesday through Thursday at 10:30am, and brings together key materials (plus a very valuable syllabus/workbook in electronic format) 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 Joint ASE/APDS/ARAS Reception will be held on Wednesday, May 4th at 6:00pm. Thursday morning, the joint ASE/APDS program day begins with an ASE panel session on the Transition from Undergraduate to Graduate Medical Education and a joint lunch. The APDS program kicks off at 12:15pm with opening remarks from APDS President, Douglas S. Smink, MD and Cary B. Aarons, MD, APDS Program Chair. The afternoon begins with another joint session on Competency-Based Assessment, followed by the first APDS paper session. The afternoon continues with an APDS panel session on Effective Mentoring Across Differences and concludes with the second APDS paper session, the Medical Student Research Forum, and concurrent ePoster session.

Friday morning, APDS will begin with a paper session followed by a panel on Change Management: Matching Leadership Strategy to the Challenge. Friday continues with the APDS Presidential Address from Douglas S. Smink, followed by 14 lunch workshops, 3 Tools of the Trade workshops, and the APDS Keynote Address from T.J. Douglas, Founder and CEO of the Urban Grape. Friday concludes with the presentation of best Resident and Medical Student presentations, presentation of the best Tools of the Trade Workshop, and the APDS Business Meeting. Saturday morning opens with a breakfast update on the ABS EPA project, APDS Research Fund Update, and EQIP update. Saturday morning continues with 10 QuickShot presentations, followed by the Pro/Con Debates, and concluding with What's New In Surgical Education (Alphabet Soup) featuring ABS, ACS, RRC, and ERAS.

The ARAS program starts Wednesday morning with the ARAS New Administrators' Workshop. Wednesday will conclude with ARAS registrants participating in the Joint APDS/ASE/ARAS Reception. The main ARAS program begins Thursday at 8:00am with ARAS President, Dorothy Dickinson, followed by ARAS Keynote Speaker Hanna Alemayehu. Thursday will consist of lectures on TAGME, Coordinator Wellness, an Introduction to EPAs, concluding with a talk on Gathering Patient Evaluations from Rhonda Peavy. On Friday, a series of educational sessions will take place beginning with an overview of EQIP and SCORE, followed by a Professional Development session discussing Resident Suicide and updates from ACGME, RRC, and ABS. Saturday morning will include another professional development session, ECFMG updates, and a talk on RISE Training. Saturday's session concludes with a talk from Brianne Nickel and Megan Rendina on Bridging the Gap: Clerkship and Residency Cooperation.

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 regular ASE, APDS or ARAS events from Tuesday through Saturday at noon. Separate registration is needed for the APDS New Program Directors Workshop, the ARAS New Administrators Workshop, any of the ASE Wednesday workshops and the ASE "Thinking Out of the Box" luncheon.

We hope that you will find Surgical Education Week 2022 informative and motivating. We know that you will enjoy spending time with your fellow surgical educators, and we look forward to seeing you in San Antonio.

Adnan Alseidi, MD, EdM
President, ASE

Douglas S. Smink, MD
President, APDS

Dorothy Dickinson
President, ARAS

Aimee Gardner, PhD
ASE Program Chair

Cary B. Aarons, MD
APDS Program Chair



General Information

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.

Registration Hours & Fees

APDS New Program Directors Workshop

Wednesday	May 4	7:00am
Thursday	May 5	10:30am

ASE

Monday	May 2	7:00am – 6:00 pm
Tuesday	May 3	7:00am – 6:00 pm
Wednesday	May 4	6:30 am – 6:00 pm
Thursday	May 5	7:00 am – 12:00 pm

ARAS

New Administrators Workshop: Wednesday, May 4	7:00 am-6:00 pm
Thursday May 5	7:00 am – 6:00 pm
Friday May 6	7:00 am – 6:00 pm
Saturday May 7	7:00 am – 12:00 pm

APDS

Thursday	May 5	7:00 am – 6:00 pm
Friday	May 6	7:00 am – 6:00 pm
Saturday	May 7	7:00 am - 12:00 pm

REGISTRATION FEES:

	on or before 3/4/2022	after 3/4/2022
APDS New Program Directors Workshop & Registration		
Wednesday all day – Thursday 10:30 am	\$500	\$550
ASE Meeting: Tuesday-Thursday		
ASE Member Physician	\$590	\$640
Non-Member Physician	\$960	\$1010
ASE Member Non-Physician	\$480	\$530
Non-Member Non-Physician	\$670	\$720
ASE Member Resident/Medical Student	\$135	\$185
Non-Member Resident/Medical Student	\$185	\$235
Spouse/Accompanying Guest	\$185	\$185
Lower-Income-Countries/Low-Moderate-Income-Countries Member	\$80	\$130
Lower-Income-Countries/Low-Moderate-Income-Countries Non-Member	\$120	\$170
ASE Coordinator Track Program: Monday-Thursday (Includes ASE Annual Meeting)		
Member	\$480	\$530
Non-Member	\$670	\$720
ASE Troubleshooting the Surgical Core Clerkship (description below) May 2 – 8:00am-5:00pm (lunch included) (CME)		
Member and Non-Member	\$215	\$265
ASE Mentorship and Leadership for Surgeon Educators (description below) May 2 – 8:00am-12:00pm		
Member/Non-Member	\$110	\$160
ASE Fundamentals of a Career in Surgical Education: Pathway to Clinician Educator (description below) May 2 – 8:00am-12:00pm		
Member/Non-Member	\$110	\$160
ASE Item Writing Introduction for Novices (I WIN) (description below) May 2 – 1:00pm-5:00pm		
Member/Non-Member	\$110	\$160
ASE Fundamentals of Teaching (description below) May 2 – 1:00pm-5:00pm		
Member/Non-Member	\$110	\$160
ARAS New Administrators Workshop: Wednesday		
Member/Non-Member	\$100	\$100
ARAS Meeting: Thursday-Saturday		
Member	\$500	\$550
Non-Member	\$750	\$800
Spouse/Guest	\$185	\$185
APDS Meeting: Thursday-Saturday		
Member	\$590	\$640
Non-Member	\$960	\$1010
APDS Resident Member	\$135	\$185
Spouse/Guest (ASE, APDS, or ARAS Meeting)	\$185	\$185

Surgical Education Week – APDS/ ARAS/ASE: Tuesday-Saturday*

*ARAS New Administrators, APDS New Program Directors, and Thinking Out of the Box lunches not included

Member	\$775	\$825
Non-Member	\$1045	\$1,095
Resident/Medical Student	\$450	\$500
Spouse/Guest	\$260	\$260

Health and Safety

ASE and APDS are focused on your health and safety. We will be working with experts and local leaders to ensure a safe, healthy meeting. We will update you with more details when we are closer to the meeting.

For those registrants who plan to attend in-person in San Antonio only, SEW 2022, **you will be required to complete a written affirmation of vaccination status as part of your on-site registration.** Vaccination (one-or-two primary Pfizer/Moderna/J&J) as well as booster status will need to be reported by on-site attendees who will need you to bring proof of vaccination. Again, no affirmation of vaccination information is needed from those participating only via live stream.

APDS/ASE/ARAS Meals

On Wednesday evening, May 4th, all meeting attendees are invited to a welcoming reception at 6:00pm.

ASE: Continental-style breakfasts (Wednesday and Thursday) will be provided for ASE & SEW meeting registrants. Registration also includes admission to the Wednesday evening joint reception for all groups, plus one ticket per paid registrant for the Wednesday evening ASE Awards 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 Wednesday evening ASE Banquet can be purchased for \$125 each.

APDS/ASE: Box lunch will be available on Thursday to registered attendees during the APDS/ASE Joint Sessions.

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

ARAS: Breakfast (continental) Thursday, Friday and Saturday will be provided for meeting registrants. Registration also includes admission to the Wednesday evening joint cocktail reception for all groups.

Hotel Information

The Grand Hyatt San Antonio is located at 600 E. Market St., San Antonio, Texas 78205. The group rate for ASE/APDS/ARAS meeting attendees is \$249 + tax for single or double occupancy. RESERVE EARLY. THE HOTEL WILL LIKELY SELL-OUT OVER THE DATES OF THE ASE/APDS/ARAS MEETING. Please be sure your reservation request reaches the Grand Hyatt San Antonio prior to April 11th, 2022, when any remaining rooms will be released. Once the ASE/APDS/ARAS block of rooms is sold out, which may be earlier than April 11th, 2022, there is no guarantee that rooms will be available or that they will be available at the ASE/APDS/ARAS group rate.

Hotel Reservations:

- **Online** – Go to www.APDS.org or www.surgicaleducation.com and click on the link to the Grand Hyatt San Antonio on-line reservation site.
- **Phone** – Grand Hyatt San Antonio Reservations 1-800-233-1234. You must reference the group code **G-APAA** to get the special group rate of \$249 + tax.

For complete check in/check out information and list of hotel amenities visit their website at <https://www.hyatt.com/en-US/group-booking/SATGH/G-APAA>

ASE Awards Banquet

On Wednesday evening, May 4, the ASE Awards Banquet will be held at the Grand Hyatt San Antonio at 7:00pm. The registration fee for ASE and SEW 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.

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. More information on exhibits can be found here <https://www.surgicaleducation.com/exhibit-sponsorship-opportunities/>

Additional Information

APDS and ARAS –email: apds@mindspring.com Ph :(301) 320-1200
ASE –email: info@surgicaleducation.com Ph: (310) 215-1226

ASE Thinking Out of the Box Luncheon

On Wednesday, May 4, the ASE Assessment, Curriculum, and Evaluation 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 lunch hour and a box lunch will be provided by separate ticket purchase. The cost is \$25. There is a line on the registration form to register for lunch. Lunch ticket purchase is only required for a boxed lunch and the session is open to all registered attendees.

ASE Troubleshooting the Surgical Core Clerkship

This pre-meeting course is an annual venue for new and continuing surgery Clerkship Directors and Coordinators to teach and learn all aspects of the surgery core clerkship in undergraduate medical education. This one-day program will include panel discussion, half-hour topic areas with discussion, and three 15-minute updates after lunch. The four content areas will be:

1. Preparing the students for clerkship
2. The virtual world of clerkships education
3. The clerkship environment
4. Student and Clerkship Director support (accommodations, student support, and wellness)

Between sessions there will be smaller sessions giving updates relevant to Clerkship Directors and Coordinators. In addition to the four content areas, the course will include updates for ASE/ACS Medical Student Core Curriculum; NBME Workgroup; and, WISE MD.

ASE Mentorship and Leadership for Surgeon Educators

Methods

Simulation is an effective method to teach leadership and mentorship skills through experiential learning and deliberate practice. This course will present important leadership, mentorship and coaching concepts and corresponding skills using a combination of didactic content and simulation-based activities. Skills to be practiced in the simulated environment include mentorship, coaching, communication, and conflict management in difficult situations, and managing emotional intelligence. Learners will practice and respond to simulated scenarios in a safe but challenging environment designed to manage their own emotions while interacting with a trainee or staff member under various clinical circumstances. Participants will evaluate aspects of team performance to differentiate effective and ineffective methods in relation to leadership, mentorship, and coaching.

Conclusion

Leadership, mentorship, and coaching skills are essential to the surgeon and can be both learned and practiced in a small group setting using simulation. Becoming an effective leader will enhance teaching ability and communication with staff and patients. Upon completion of this workshop, participants will be able to apply these skills to their daily workflow regardless of current leadership role.

ASE Fundamentals of a Career in Surgical Education: Pathway to Clinician Educator

This course is designed to give the participants the fundamentals to get started in an academic career in surgical education. Designed to meet the career needs of all levels from residents to junior faculty, this course will offer tangible strategies and lessons learned from leaders in Surgical Education. This course will define an academic surgery educator (job description), describing the necessary educational skills to obtain, overcoming challenges, developing tools to promote skills, and achieving academic productivity. The course will highlight the various opportunities and resources available to develop an academic career in surgical education. Working groups will be used to facilitate discussion and development of a teaching portfolio.

Course Features:

Pathways to Clinician Educator Leadership –

1. Expert panel
2. Overcoming setbacks/failure
3. Case-based presentations from course participants

Academic Productivity –

1. Explain the fundamentals of educational research
2. Discuss ways to get support for educational research
3. List credible publication/venues for educational projects/presentations
4. Describe strategies for scholarly productivity
5. Identify institutional and national resources to support educational research

Teaching Portfolio –

1. Prepare a teaching portfolio
2. Discuss the usefulness of a teaching portfolio for professional development
3. Integrate the aims of a teaching portfolio with personal academic goals and needs
4. Describe the tenets used for academic promotion
5. Illustrate the type of activities and credentials needed to fill in each of the tenets
6. Recognize available resources to build up a CV and a personal statement of education
7. Working groups to help participants develop their teaching portfolio. Course participants with portfolios may submit prior to the course for directed review by ASE leadership. Contact ASE office for information.

ASE Item Writing Introduction for Novices (I WIN)

The goals of the workshop are to provide education and application of effective assessment development with multiple choice item writing. Participants may utilize these principles to apply to development of internal institutional examinations or content for national examinations. The target audience for this session is surgical educators at the faculty or resident level and surgical education scientists.

Following this session, participants will be able to:

1. Describe types of formative and summative assessment
2. Differentiate between competency and outcomes-based assessment
3. Differentiate between criterion and norm referenced assessment
4. Determine the performance of items using psychometric parameters, including item difficulty and item discrimination

5. Identify strategies by which to make decisions on content sampling
6. Demonstrate types of assessment formats including binary and one best answer
7. Recognize and correct types of assessment item technical flaws
8. Develop assessment items with satisfactory psychometric performance
9. Incorporate principles of diversity, equity and inclusion in item writing and peer review to reduce bias in item content

Following the in-person live session there will be an optional drop in virtual office hours for Q&A and advising on item development monthly until the follow up optional part 2 session. Following the meeting, once participants have submitted their peer reviewed assessment items, they will receive a certificate of completion for ASE Item Writing.

ASE Fundamentals of Teaching

This highly interactive half-day pre-meeting course uses a case-based approach to the fundamentals of teaching. It is designed for those taking on a new teaching role or who would like to enhance their abilities as a clinical teacher. The session will cover teaching in the operating room, giving feedback, and using simulation. Participants will leave with new skills, knowledge, and energy they can apply to their learners.

Objectives:

1. Apply scaffolding to a surgical procedure
2. Employ goal setting for a clinical encounter
3. Contrast reinforcing and redirecting feedback

APDS New Program Directors Workshop

The New Program Director's Workshop will be offered before the APDS meeting. This will take place on Wednesday, May 4, from 7:00am to 5:30 pm, and on Thursday, May 5, from 7:00 am to 10:30 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 Wednesday at the conclusion of the session at 5:30pm. **Program materials will be distributed via email so participants are encouraged to bring an appropriate electronic device that will allow for viewing.**

APDS Workshops

APDS Workshops will be held on Friday, May 6th. Session 1 begins at 12:00 pm, and Session 2 starts at 1:00 pm. Sign-up will take place in the weeks leading up to the meeting. Seating is limited and will be on a first-come, first-served basis. Some workshops include interactive elements, so participants are encouraged to bring an appropriate electronic device for increased engagement. Box lunches will be provided during APDS Workshop Session I.

APDS Wine Tasting Event

On Friday, May 6th from 7-8pm, Join Mr. T.J. Douglas, APDS Keynote Speaker, who will offer "Wine Education with Urban Grape's Progressive Scale." Limited space available, registration first-come/first-served - \$45 (portion to benefit the APDS Friedell Education & Research Fund). Will NOT be available on live stream.

ARAS New Administrators Workshop

On Wednesday, May 4th, from 7:00 am–6:00 pm, there will be a special workshop for all new Residency Administrators [separate registration required]. Administrators will attend special presentations, panels, and breakout sessions on Thursday, Friday and Saturday (breakfast is included each day). Registration also includes admission to the Wednesday evening joint cocktail reception for all groups.

Disclosure Information

In accordance 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 (planners and speakers/authors/discussants/moderators) has disclosed all financial relationships with any ineligible company held in the last 24 months. Please note that first authors were required to collect and submit disclosure information on behalf of all other authors/contributors, if applicable. Please see the insert to this program for the complete disclosure list at <http://evals.apds.org/> <https://bit.ly/30HqHxO> <https://bit.ly/30HIsGI>

Cancellation

Notice of cancellation and requests for refunds must be received in writing and will not be accepted by telephone. If notice of cancellation is received by **March 21, 2022**, a full refund will be given. A 50% refund will be given if written notice of cancellation is received by **March 25, 2022**. No refunds will be given if written notice is received after **March 25, 2022**. Registration cancellations are not accepted by telephone. Notice of cancellation can be faxed into the APDS office at (301) 560-6305 or email at apds@mindspring.com.

2022 Surgical Education Week Exhibitors

ACS Fundamentals of Surgery Curriculum, Altus Assessments, American College of Surgeons, Association for Surgical Education (ASE) Membership, Association for Surgical Education Foundation (ASEF), ATLAS, Caresyntax, Decker Medicine LLC, ErgoSuture, GLOBAL ANATOMIX LLC, Global Surgical Education, HCA Healthcare, Inovus Medical, Intuitive Surgical, Journal of Surgical Education, Limbs & Things, MedHub, Proximie, ResQ Medical, ReZRATE, SCORE, Shamaym, Simsei Simulation, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), Strategic Operations, Surgical Science – Simbionx Simulators, SurgWise, TrueLearn, VirtaMed, WISE-MD & WISE-OnCall, Wolters Kluwer

Commercial Support Acknowledgement

The Association of Program Directors in Surgery wishes to recognize and thank the following companies for their monetary commercial support: W.L. Gore, Proximie, and Karl Storz

CME Information: APDS Annual Meeting

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of 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 **18.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



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CME Information: APDS New Program Directors Workshop

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

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AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of **8.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



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Commercial Support Acknowledgement

The Association for Surgical Education thanks the following companies for their generous support: Educational Grant: Ethicon, part of the Johnson & Johnson Family of Companies Platinum Level Sponsors: Caresyntax, HCA, Intuitive The Association for Surgical Education thanks the following institutions and foundations for their generous support through sponsorships: Gold: Massachusetts General Hospital Department of Surgery, MetroHealth Department of Surgery Bronze: Baylor College of Medicine, NorthShore University HealthSystem, Northwestern, NYU Grossman School of Medicine, The Ohio State University Wexner Medical Center, Parkview Health Graduate Medical Education, UT Health San Antonio, Washington University School of Medicine in St. Louis Department of Surgery, WISE-MD, WISE-OnCall

CME Information: ASE Annual Meeting

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of American College of Surgeons and the 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 **18.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the *AMA PRA Category 1 Credits™* listed above, a maximum of **0** credits meet the requirements for Self-Assessment.



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CME Information: ASE Troubleshooting Your Clerkship

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of American College of Surgeons and the 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 **7.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the *AMA PRA Category 1 Credits™* listed above, a maximum of **0** credits meet the requirements for Self-Assessment.



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Monday, May 2nd

ASE – Pre-Meeting Courses and Programs

8:00am - 12:00pm	ASE Pre-Meeting Course: <i>Mentorship and Leadership for Surgeon Educators</i>
8:00am - 12:00pm	ASE Pre-Meeting Course: <i>Fundamentals of a Career in Surgical Education: Pathway to Clinician Educator</i>
8:00am - 5:00pm	ASE Pre-Meeting Course: <i>Troubleshooting the Core Surgical Clerkship</i>
1:00pm - 5:00pm	ASE Pre-Meeting Course: <i>Fundamentals of Teaching</i>
1:00pm - 5:00pm	ASE Pre-Meeting Course: <i>Item Writing Introduction for Novices (I WIN)</i>
8:00am - 1:00pm	SELF
8:00am - 5:00pm	SERF
4:00pm - 7:00pm	ASE Board Meeting Strategic Retreat

Tuesday, May 3rd

ASE

7:30am-9:00am	ASE Foundation Board Meeting
7:30am-8:30am	Shark Tank (SERC) Moderators: Sarah Jung, PhD and Priti P. Parikh, PhD
8:00am-12:00pm	ASE Coordinator Track Program (CCSE) Moderators: Megan Rendina, BS, APACS and Karla Robinson
8:00am-12:00pm	SERF – David Rogers, MD & Maura Sullivan, PhD, MSN
9:00am-10:30am	Education Scientist Training Moderators: Laura Torbeck, PhD and Judith French, PhD This professional development session is for ASE Education Scientists. Laura Torbeck, PhD will be facilitating a discussion on best practices for reviewing manuscripts followed by Judith French, PhD gathering input for a new resource for Education Scientists entitled: Foundations of Medical Knowledge for Non-Clinician Educators.
9:30am-11:00am	GSE-JASE Editorial Board Meeting
10:30am-2:30pm	SELF – Laura Torbeck, PhD
12:00pm-12:15pm	Welcome Remarks Adnan Alseidi, MD, EdM, <i>ASE President</i> ; Aimee Gardner, PhD, <i>ASE Program Committee Chair</i>
12:15pm-1:15pm	ASE Panel Session I: Underrepresented Voices Moderator: Gurjit Sandhu, PhD Panelists: Linda Barry, MD, MPH; Mary Brandt, MD; Jacob Kirkorowicz, MD; Sylvia Martinez, MD
1:15pm-3:15pm	ASE Plenary Session Moderators: Adnan Alseidi, MD, EdM and Aimee Gardner, PhD Resident Operative Autonomy: Does Training Program Type Matter? Serena S. Bidwell, MPH Augmenting Mental Imagery for Robotic Surgery Using Neurofeedback: Results of a Randomized-Controlled Trial Nicholas E. Anton, MS The Impact of an Autonomy Supportive Versus a Controlling Coaching Environment on Surgical Skill Acquisition for Novice Trainees Jason Kempenich, MD Connecting Quantity and Quality: An Examination of the Relationship Between ACGME Case Logs and Surgical Resident Autonomy Andrew E. Krumm, PhD Operative Entrustability Assessments Demonstrate Competency Profiles Based on Resident Post-graduate Year and Case Type Joseph S. Puthumana, MD Resident Labor Unions: A Mechanism for Agency or Conflict Darci C. Foote, MD, MS Trends in Research Productivity of Medical Students Matching to Surgical Subspecialties within North America: A Bibliometric Analysis Emaan Chaudry, BSc Individual, Cultural, and Systems Factors Affect Surgical Residents' Experience with Medical Errors and Learning from Mistakes Ryan Lin, MD The Impact of Intersectionality by Race and Gender in the General Surgery Match in the United States 2013 to 2019? Sarah Bowe, MD Resident Evaluations: What are the Predictors of Future Negative Outcomes in Surgical Education? Thomas Szabo Yamashita, MD
3:15pm-3:45pm	Break
3:45pm-4:45pm	J. Roland Folse Lectureship Topic: <i>Collaboration in Surgical Education</i> Speakers: David Rogers, MD and Maura Sullivan, PhD, MSN Lecture Introduction: Adnan Alseidi, MD, EdM Speaker Introduction: Aimee Gardner, PhD
4:45pm-5:00pm	Transition Break
5:00pm-6:00pm	ASE Poster Session and Reception Poster Session: Room 1 – Assessment/Evaluation Moderators: Luise Pernar, MD and Emily Huang, MD Influence of Surgeon Workload on Clinical Teaching Effectiveness Devon Pace, MD Gender Differences in Faculty Performance Ratings of General Surgery Residents Sarah Lund, MD The Impact of Contact Sports: A Marker of Grit Among General Surgery Residents Bridger Rodoni Impact of Overnight In-house Critical Care Resource Intensivist on General Surgery Resident Education Jeanette Zhang, MD Longitudinal Comparison of Surgical Case Logs Between Female and Male Urology Residents Kathryn A. Marchetti Preliminary Review of Male and Female General Surgery Residents' ACGME Case Logs at an Academic Institution Sara B Cartwright, DO Measuring What Matters – Correlations of Medical Student Performance Assessments During the Core Surgical Clerkship Matthew F. Mikulski, MD Medical Student, Resident, and Faculty Attitudes Towards Pass/Fail Assessment in Medical School Jillian Wothe, BS Comparison of General Surgery Trainee Experience with Pediatric and Adult Trauma Activations Steven Thornton

Poster Session: Room 2 – Better Together

Moderators: Tracey Dechert, MD and Tania Arora, MD

Telemedicine Video Utilization in a Major Urban Center Stratified by Zip Code

Leslie Diana Bernal Charondo, BS

Understanding the Current State: Assessment of Surgical Trainees' Perceptions and Knowledge of Health Equity

Jenny Cevallos

Evaluation of Save Trauma and Road NaviGators (STRONG) Initiative Education in Telugu: Multilingual Education of Low-Confidence First-Responders

Jeremy J. Ahearn

Trends in Leadership at Breast Surgical Oncology Fellowships

Benjamin Schachner

Emerging Medical Professionals-Science of Surgery: An Interactive Surgical Curriculum to Empower Underrepresented High School Students

William G. Wong, DO

Residents as Teachers Workshop for Surgical Interns in Ecuador: A Global Surgical Education Feasibility Pilot Program

Maria Cardenas Sanchez, MD

Use of Artificial Intelligence to Support Surgical Education Personnel Shortages in Low- and Middle-Income Countries

Manisha B. Bhatia, MD

Disparities in Trainee Wellness on the Trauma Surgery Service

Lea Hoefer, MD

Gender Disparities in General Surgery Resident Sub-Specialization

Danielle Wilson, MD

Filling the Pipeline: A Novel Collaboration to Increase Underrepresented Minority Student Interest in Surgical Careers

Carlos T. Huerta, MD

Shoulder Arthroplasty Videos on Social Media: Assessment of Information Quality

Rajeev Pathapati

Poster Session: Room 3 – Curriculum Development

Moderators: Kristin Jogerst, MD and S. Swaroop Vedula, MD

Development of a Tool for Automated Classification of Surgical Videos for the Curation of an Educational Surgical Video Repository

Yilun Zhang, BS

Video-based Task Deconstruction of Robotic Hiatal Hernia Repair

Haydee del Calvo, MD

Evaluating General Surgical Residency Education Structure and Incorporation of the Resident as Educator Model

Augustus Gleason, MD

Evaluating a Pilot for a Left-handed Surgical Skills Curriculum Incorporating Near-Peers

Sarah Watanaskul, BA

Creating a Continuous Quality Improvement Program in a Surgical Residency

Tamara Ellis Saunders, MD

Interdisciplinary Oncology Education Among Post-Graduate Trainees: A Systematic Review

Houman Tahmasebi, MSc

Use of a Structured Observation Tool Promotes Medical Student Engagement During Trauma Resuscitations

Steven Thornton

A Prosection-Based Surgical Anatomy Training Session that Improves Medical Student Confidence and Knowledge Prior to the Surgical Clerkship

Allison Draper

Multispecialty Resident Physicians' Perceived Preparedness for Mass Casualty Events (MCEs) at an Urban Level I Trauma Center Prior to the Coronavirus Disease 2019 (COVID-19) Era

Francesca A. Voza, MD

Formal Implementation of Mentorship Families in Undergraduate Medical Education

Janice Nam

Increasing Resident Understanding of Perioperative Care for Older Adults

Ashley L. Sweet, MD, MBE

Poster Session: Room 4 – Faculty/Resident Recruitment and Development

Moderators: Brenessa Lindeman, MD, MEHP and Sophia McKinley, MD, EdM

Virtual Residency Interviews: A Survey-Based Assessment on Both Sides of the Screen

Nicole H. Goldhaber, MD, MA

Two-for-One – Faculty Benefits from the Teaching Role in a Trauma Skills Course

Laura S. Johnson, MD

Surgical Resident and Faculty Wellbeing: A Survey-Based Assessment at an Academic Medical Center

Nicole H. Goldhaber, MD, MA

Roles, Perceptions, and Impact of Advanced Practice Providers (APPs) in Clinical Practice

Tasha Posid, MA, PhD

Wellness In Surgical Education (WISE) Initiative - A Pilot Study

Francesca Bryan, MD

Residents-as-Teachers [RaT] Programs: Lacking Implementation Across Specialties

Rosanna Sobota, MD, MPH

Workplace Assessment of Physiological Stress of Residents in a Department of Surgery

Egide Abahuje, MD, MMED, MHPEd

Give Us Some Space: Effects of a Dedicated Workspace on Surgical Residents

Seth A. Quinn

Optimization of a Standardized Letter of Recommendation for Faculty who Wish to Support Candidates Applying to Surgical Residency Programs

Clare Zipf-Sigler

Thriving in the Virtual Era: An Organized Approach to Improve Program Visibility and the Virtual Residency Interview Process

Casey T. Walk, MD

Poster Session: Room 5 – Simulation/Teaching Methods

Moderators: Dmitry Nepomnayshy, MD MSc and Emil Petrusa, PhD

Mastery-Based Virtual Reality Simulation: The First Step towards Resident Robotic Proficiency

Melissa Ramirez Barriga

A Cadaveric Extremity Compartment Syndrome Course Improves Surgeon Expertise and Confidence at an Academic Level One Trauma Center

Gary Jain, MD

Communicating from a Distance: Medical Student Perspectives from a Robotic Bedside Assist Simulation

Anya Greenberg, MBA

Virtual Reality as a Tool to Teach Patient-Centered Care During Trauma Assessments

Ian M. Kratzke, MD

Are Chief Residents Economical in Their Approach to Common Core Operations?

Alexa L. Lacy, BS

Expired Blood as an Effective Perfusate in High-Fidelity Cadaveric Operative Simulation

Winnie A. Feng, DO

Feasibility and Benefits of a Virtual City-Wide Surgery Journal Club

Mackenzie Lee, MD

Reversing Research Resident Skill Decay Through Bioskills Bootcamps: Feasibility of Adoption and Importance of Resident Integration

Colleen P. Nofi, DO

Tuesday, May 3rd

ASE

A Candid Glimpse into the Lives of Ophthalmologists: The Seeing Clearly Podcast

Emaan Chaudry

Evaluating the Efficacy of Spaced Repetition in General Surgical Education

Kevin S. Chien, MD

5:30pm-7:00pm

SELF Wrap Up Reception and Forum

6:00pm-7:30pm

Candlelight Session

Presented by the Committee on Citizenship & Global Responsibility

Moderators: Tania Arora, MD, FACS and Sabrina Sanchez, MD, MPH

Post-Graduate LGBTQ+ Health Certificate Endable House Staff and Faculty Co-Learning

Presenter: Jasmine Walker, MD, MA, MPH

An Implementation Science Assessment of a Community-Based Virtual Stop the Bleed Curriculum

Sonali Biswas, BS

Pre-Clinical Service Learning Teaches Social Determinants of Health in Surgery

Kara T Kleber, MD

Expanding Exposure of Underrepresented Minority Youth to Surgery and Simulation via Virtual Technology

Britta Han, MD, MEd

Group Mentorship: Anticipating the Logistical and Emotional Needs of Medical Students Applying to Surgical Residency

Loreski Collado, MD

How Has the COVID-19 Pandemic Impacted International Surgical Education and Practice?

Jacqueline N. Byrd, MD, MPH

Advancing Student Preparedness and Involvement for Representation & Equity in Surgery: The ASPIRES Program at Duke University School of Medicine

Bryanna Stukes, BA

A Pipeline Program for High School Students Historically Underrepresented in Surgery

Sarah Jung, PhD

Considering Contextual Relevance in Curriculum Development

Andrea S. Parker, MD, FACS, FCS(ECSA)

Socially Responsible Surgery Longitudinal Advocacy Training Curriculum for Medical Students

Miriam Neufeld, MD

Evaluating the Engagement Index Cognitive Load of Medical Trainees Using the Microsoft Hololens for the Integration of Medical Imaging with Cadaveric Dissection

Geoffroy Noel, PhD

8:00pm – 10:00pm

Social Event

(off-site, ticketed event, separate from meeting registration)

Wednesday, May 4th

ASE

6:30am – 7:00am

Breakfast for Attendees

7:00am-8:30am

ASE Panel Session II

Topic: Interprofessional Education Simulation

Moderator: Jennifer Calzada, MD, MPH

Panelists: Karen Dickinson, MBBS, MD, MEd; Rui-Min Diana Mao, MD; nMing-Li Wang, MD

ASE Podium Session I A - Assessment

Moderators: Edmund Lee, MD and Emil Petrusa, PhD

The Development of Task Specific Metrics for the Evaluation of Robotic Gastrojejunostomy Videos from Robotic Pancreaticoduodenectomy

Amr I. Al Abbas, MD

Impact of Gamification Techniques on Trainee Engagement with Operative Assessment

Angela E. Thelen, MD

Effect of Formative Compared to Summative Simulated Skills Assessments on General Surgery Resident Motivation

Sarah Lund, MD

Accuracy of Resident Self-Assessment in Objective Structured Clinical Examinations

Spencer Wilson, MD, MSc

Charting the Future of Competency-Based Surgical Education: A Metanalysis of Cumulative Sum within Surgery

Justin Kim, BS

Perceptions vs Reality: Does Perception of Teamwork in the Operating Room Correlate to Clinical Performance?

Nicholas Jonas, MD

Implicit Bias and Surgical Technical Skills Assessments

Lauren Schmidt, MD

Can Surgical Aptitude be Predicted Using Neurocognitive Games?

Nikita Desai, BA

Effect of Teleconferencing Variables on Faculty Impression of Mock Residency Applicants

Ivy A. Huang, MD, MEd

Improvement in Feedback and Operative Teaching Behaviors After Implementation of An Electronic Operative Feedback Tool

Amanda Phares, MD

ASE Podium Session I B - Autonomy

Moderators: Brian George, MD, MA and Phoenix (Xiadon) Chen, PhD, MSc, BEng

Faculty Perspective of Factors Influencing Resident Autonomy in Robotic Surgery

Theresa N. Wang, MD

Examining the Quality of Operative Performance Feedback at Scale

Kayla M. Marcotte, MS

Trends in Resident Supervision and Patient Outcomes of Appendectomies After Enforcement of ACGME Duty Hour Standards in 2003

Alexander Simmonds, MD

Can Chief Residents Perform Umbilical Hernia Repair Safely and Efficiently with Supervised Independence?

Stephanie M. Ira, MS

Faculty Entrustment of Residents in the Operating Room: The Role for Surgical Simulation

Anyia L. Greenberg, MBA

Balancing Autonomy of Thought and Action in the Context of Patient Safety: Resident Perspectives on Intraoperative Autonomy

Dominique L. Doster, MD

Does Anesthesia Type Affect Surgical Resident Operative Autonomy for Open Inguinal Hernia Repairs?

Yasong Yu, MD

Association of a Self-Scoring Autonomy Survey with Psychomotor Performance in Surgery Residents

Christina Georgeades, MD

Design of a New Competency-based Entrustment Scale and Setting the Standard of Competent Resident Performance

Janissardhar Skulsampaapol, MD

Development of a Curriculum for Entrustable Professional Activities for Rare Procedures in Trauma

Jill Streams, MD

ASE Podium Session I C – Better Together I

Moderators: Tracey Dechert, MD and Gurjit Sandhu, PhD

Reflective Essays as a Means to Recognize and Address Implicit Bias: A Qualitative Study of Third Year Surgery Students

Laura Tiusaba, MD

A Multi-Institutional Examination of Gender Differences in Perceptions and Actual Performance in Simulated Assessments: Further Evidence of Psychological Gender Disparity in Surgical Education

Mariela Rivera, MD

Formative Medical School Experiences of Left-Handed Surgical Trainees: A Qualitative Analysis of Trainee Perspectives

Timothy Gilbert, BS

A Descriptive Analysis and Gender Comparison of General Surgery Residency Program Directors

Alexa J. Hughes, BS

Should Left-Handed Surgical Trainees Operate Left- or Right-Handed?: A Qualitative Analysis of Trainee Perspectives

Maia S. Anderson, MD

The Impact of Virtual Negotiation Training for Female Faculty

Anees Chagpar, MD, MBA, MPH

"I was treated like a professional.": Building Community as a Means to Address the Leaky Pipeline in Academic Medicine

Sarah Jung, PhD

The Pursuit of Surgical Training: Concerns of Female Medical Students and Their Perception of Gender-Discrimination in Their Future

Tandis Soltani, MD

The Current Diversity, Equity, and Inclusion Climate of the Association for Surgical Education

Madhuri B. Nagaraj, MD, MS

Is a Speaker Gender Related to Presentation Topic?: A Content Analysis of General Surgery Grand Rounds

Sonali Biswas, BS

9:00am-12:00pm

ASE Coordinator Track Program (CCSE)

9:00am-10:00am

Presidential Address

Adnan Alseidi, MD, EdM, *ASE President*

Introduction: Dimitrios Stefanidis, MD, PhD, *ASE President-Elect*

10:00am-11:30am

ASE Panel Session III

Topic: Predictive Analytics in the Era of EPAs

Moderator: Brian George, MD, MA

Panelists: Andrew Krumm, PhD; Brenessa Lindeman, MD, MEHP; Brigitte Smith, MD, MHPE

ASE Podium Session II A – Undergraduate Medical Education

Moderators: Katie Stanton-Maxey, MD and Anna Newcomb, PhD, MSW, LCSW

Clerkship Length: Does it Affect Performance on the NBME Subject Examination in Surgery Across Schools?

Kolu E. Wynne, BS

Who Will Pass and Who Will Fail? Comparing Mid-Rotation NBME Practice Test Scores to NBME Subject Exam Scores in Third Year Surgery Clerkship Students

Christopher Michael Thomas

Impact of the Third-Year Surgery Clerkship on Medical Students' Interest in Surgery

Nathan E. Richmond, BS

Leveraging the Nurse Educator in Undergraduate Surgical Education

Lindsay A. Haskett, MSN, RN

Characterizing Medical Student Robotic Surgery Experiences During the Surgery Clerkship

Jesse B. Persily, MD

Predicting Shelf Performance with Weekly Quiz Assessments

Claire Griffin, MD

The Operating Room as a Medical Student Learning Environment

Emily E. Witt, MSc

The Long-Term Impact of an Elective Surgery Course on Medical Students and Career Decision Making

Meagan E. Peterson

Implementation and Reception of a Resident-Led Surgery Shelf Exam Review Session for Medical Students

Alexander Booth, MD

The Value of a Vascular Surgery Curriculum for Clinical Medical Students: Results of a National Survey of Non-Vascular Educators

Maria Paz

Demonstrating Feasibility and Skill Acquisition of a Novel Robotic Surgery Curriculum: A Medical Student Pilot

Hayley B. Baker, BS

Student-Led Anatomy Seminars Improve Knowledge of Surgical Anatomy and Promote Student Mentorship

Steven Thornton, BS

ASE Podium Session II B – Residency Curricula

Moderators: Erin White, MD, MBS and Brianne Nickel, MA, C-TAGME

Surgeons Teaching Internists? A Needs Assessment For Novel Cross-Disciplinary Consult Education

Julie M. Clanahan, MD

ABSITE Preparation: What Do We Know?

Katherine E. Caldwell, MD

Impact of Duty Hours and Vacation Status on Resident ABSITE Performance

Anna Reviere, BS

See One, Do One, Teach One: A Flipped Classroom to Make Quality Improvement Experiential in Surgical Residency

Rita Mukhtar, MD

New Research Infrastructure Increases Scholarly Activity for Orthopedic Residency Program

Dylan Lawton, BS

Laparoscopic Surgery Case Distribution Among Surgical Residents: Competency or Cumulative?

Quintin Pedro Solano

Resident Driven Curriculum and Individualized Performance Improvement: How to Improve Your ABSITE

Seth A. Quinn, MD

Leading From Within: Shaping a Resident-Driven Leadership Curriculum for Surgical Trainees Using a Qualitative Methodology Needs Assessment

Julie M. Clanahan, MD

Laying Out the Basics- An Instrument Education Module

Camaleigh Jaber, MD

Is Palliative Care Education Necessary in Rural Surgery Training Programs?

Nicholas Waring

One Size Doesn't Fit All: Identifying Intraoperative Teaching Preferences of Junior and Senior Surgical Residents

Amelia T. Collings, MD

The Surgery Resident League (SRL): Gamification of a General Surgery Residency Program

Hillary L. Simon, DO

ASE Podium Session II C - Simulation

Moderators: Joon Shim, MD, MPH and Ross Willis, PhD

Addressing the Transferability Gap: How Well Do FLS-Acquired Skills Transfer to ATLAS and Real-life Suturing?

Kyle Langston, BS

Thinking Makes It So: Relationship Between Cortical Activity During Mental Imagery and Surgical Skill

Nicholas E. Anton, MS

The San Antonio Kidney: Development of a Proficiency-Based Curriculum and Gathering Validity Evidence for a Low Fidelity Kidney Transplant Anastomosis Model and Assessment Tool

Ronit Patnaik, MD

Simulation Versus Reality: What Can Interprofessional Simulation Teach Us About Team Dynamics in the Trauma Bay?

Douglas Cassidy, MD

The Effect of Learner Surgical Experience on Cognitive Load and Technical Performance During a Virtual-Reality Robotic Curriculum

Jacob J. Pozin

Taking Advantage of Asynchronous Digital Feedback: Development of an At-Home Basic Suture Skills Training Program for Undergraduate Medical Students

Francisca Belmar, MD

Multidisciplinary Faculty's Perception of Gaps in Current Laparoscopic Simulation Curriculum in a Changing Training Landscape

Leslie Bernal Charondo, BS

A Systematic Review of Robotic Surgery Curriculum Using A Rating Scale Based On Kern's 6-Step Approach To Curricular Design

Katherine L. Ho, MD

Utilizing Eye Tracking to Assess Medical Student Non-Technical Performance During Scenario-Based Simulation: Results of a Pilot Study

Denny Yu, PhD, CPE

A Novel Telementoring Platform: Technical Skills Performance and Participant Satisfaction

Joseph L'Huillier, MD

Intentional Enterotomies: Validation of a Novel Robotic Surgery Training Exercise

Robert B. Lavery, MD

Cost Analysis of Creating Something AWSSOM: A Versatile Abdominal Wall Surgical Skills Operative Model

Megan Davic, MD

11:45am-12:45pm

Thinking Out of the Box (non-CME)

Moderator: Arthur Rawlings, MD

Improving Equity in the Residency Application Process

Kianna Jackson, MD

Whose Program Is It?

William Nelson, MD

One-way Interviews as a Supplementary Tool in the Selection of Residency Applicants

Erika Anderson, DO

Operating Room Culture and Etiquette in the Pre-Clinical Medical Curriculum

Kayla Laraia, BS

The Intern Transition, Education, and Mentorship (ITEM) Study: Utility of Dedicated Intern Mentors During the First Week of General Surgery Residency

Caleb Seavey, MD

Utilization of Mixed Reality Devices for Procedural Simulation, Remote Monitoring, and Automated Assessment

Taylor Kantor, MD

Implementation of an Academic Development Rotation for Surgery Residents

David Cron, MD, MS

Educational Advertisements: A Unique Approach to Implementing a Resident-as-Teacher Curriculum in a General Surgery Residency Program

Mallorie Huff, BS

The Knowledge Donor Program - A Whole Body Donor Cadaveric Simulation Model for Ultra-High Fidelity Interprofessional Training

Hahn Soe-Lin, MS, MD

11:45am-12:45pm

Break

1:00pm-2:30pm

Workshops

1:00 PM – 1:45 PM

Workshop 1 - 'Once Upon a Time' ... Using Storytelling to Capture One's Research in an Abstract or Synopsis

Presenters: Sarah Jung, PhD; Jeffrey Nahmias, MD; Patricia O'Sullivan, EdD

Workshop 2 - How to Get Your Paper Accepted at and How to Write a Great Review for our New Journal GSE-JASE

Presenters: Aimee Gardner, PhD; Roy Phitayakorn, MD, MHPE (MED); Dimitrios Stefanidis, MD, PhD

Workshop 3 - One-Stop Shopping: Easy Access to the Co-Branded ACS Curricular Materials for Medical Students and Educators

Presenters: Robert Acton, MD; Andre Campbell, MD; Marc de Moya, MD; Adam Kabaker, MD; Ajit K. Sachdeva, MD; Susan Steinmann, MD; Ranjan Sudan, MD

Workshop 4 - ASE Launches the Advanced Training in Laparoscopic Suturing (ATLAS) Program

Presenters: Iman Ghaderi, MD, MSc, MHPE; Nicholas Jonas, MD; Madhuri Nagaraj, MD; Dmitry Nepomnayshy, MD, MSc; Patricio Polanco, MD; Daniel Scott, MD; Wing Sze Esther Yung, MD

Workshop 5 - Forum Theatre – A Novel Tool to Address Sticky Situations in Surgery Residency

Presenters: Sylvia Botros-Brey, MD; Daniel Dent, MD; Ronit Patnaik, MD; Alixandria Pfeiffer, DO

Workshop 6 - Implementing and Evaluating DEI and Health Equity Training in Surgery Residency Programs

Presenters: Andre Campbell, MD; Caitlin Collins, MD, MPH; Odinakachukwu Ehie, MD; Doruk Ozgediz, MD, MSc

1:00 PM – 2:30 PM

Workshop 7 - Techniques to Facilitate Teaching in the Operating Room

Presenters: Kimberly Hendershot, MD; Deborah Jacobson, MD, MS; Brigitte Smith, MD, MHPE; Jaiswal Kshama, MD

Workshop 8 - Developing a Skills-Based Virtual Communication Training for Medical Students

Presenters: Rachel Appelbaum, MD; Jonathan Dort, MD; Ryan Dumas, MD; Muneera Kapadia, MD, MME; Anna Newcomb, PhD, MSW, LCSW; Monica Zewdie

Workshop 9 - Crossing the Finish Line: A Guide to Facilitating Alternative Residency Completion Pathways when the Unexpected Happens

Presenters: Lily Chang, MD, FACS; Shanley Deal, MD; Meredith Johnson, MD; Andrew Kastenmeier, MD

Workshop 10 - (Re)Designing Test Blueprints using Entrustable Professional Activities

Presenters: Carlos Gomez-Garibello, PhD; Maryam Wagner, BSc, MEd, MEd, PhD

1:45 PM – 2:30 PM

Workshop 11 - Writing Standardized Letters of Recommendation to Illustrate Characteristics and Competencies and Facilitate Holistic Residency Review

Presenters: Anjali Kumar, MD, MPH; Lilah Morris-Wiseman, MD

Workshop 12 - Machine Learning/Artificial Intelligence for Surgical Education Research: How Do I Get My Study Off the Ground?

Presenters: Mathias Unberath, PhD; S. Swaroop Vedula, MD

Workshop 13 - Residents at Risk: Identifying Areas of Resident Vulnerability and Developing Supportive Strategies to Increase Resident

Presenters: Doreen Chang, MD; Brian Gilmore, MD; Harold Leraas, MD; John Migaly, MD; Amanda Nash, MD; Kristen Rhodin, MD; Elisabeth Tracy, MD; Steven Thornton

Workshop 14 - How to Orchestrate a Surgical Skills Competition

Presenters: Rachel Hanke, MD; Joana Ochoa, MD; Kaitlin Ritter, MD; Cheyenne Sonntag, MD, MS; Rebecca Williams-Karensky, MD, PhD, MEdPsych

Workshop 15 - The Social Determinants of Health: Impacts and Actions in Surgery

Presenters: Alejandra Castro Varela; Amanda Cooper, MD; Tracey Dechert, MD; Ellen Hagopian, MD; Tasha Posid, MA, PhD; Sabrina Sanchez, MD, MPH; Tandis Soltani, MD

Workshop 16 - Improving Diversity in Surgery: How to Establish a Surgical Pipeline Program

Presenters: Adnan Alseidi, MD, EdM; Chelsie Anderson, MS; Andre Campbell, MD; Doruk Ozgediz, MD, MSc

1:00pm-4:00pm

SERF Forum I – David Rogers, MD & Maura Sullivan, PhD, MSN

1:00pm-4:00pm

SERF Forum II – David Rogers, MD & Maura Sullivan, PhD, MSN

3:00pm-4:30pm

ASE Panel Session IV

Topic: Surgical VCE (Vice Chair of Education) and the Education Mission of the Department

Moderator: Mohsen Shabahang, MD, PhD

Panelists: Kimberly Brown, MD; Andrew Kastenmeier, MD; James Komdorffer, MD, MHPE; John Migaly, MD; Brigitte Smith, MD, MHPE; Ranjan Sudan, MD

ASE Podium Session III A – Technology & Distance Education

Moderators: Sanda Tan, MD, PhD and Sarah Jung, PhD

Evaluating the Impact of Augmented-Reality Software on Surgical Training: A Pilot Study

David L. Warner, MD

Pandemic Podcasters: Novel Delivery of a Medical Student Surgery Journal Club

Maeve M. Alterio

Virtual Reality (VR) versus In-Person Simulation for American College of Surgeons' Trauma Evaluation and Management Program (ACS TEAM): A Randomized Control Trial

Albert Lwin, MD, MPH

Pilot of Virtual Stop The Bleed Training During The COVID-19 Pandemic

Vinith Ilavarasan

Implementation of a Skills-Based Virtual Communication Curriculum for Medical Students Interested in Surgery

Anna B. Newcomb, PhD, MSW, LCSW

Current Status of VR Simulation Education for Orthopedic Residents: the Need for a Change in Focus

Graham Cate

Effects of Pre-recorded versus Live Teleconference Didactic Lectures on Medical Student Performance in the Surgery Clerkship

Carlos T. Huerta, MD

What Would You Do (WWYD)? Thinking Outside the Virtual Lecture Box During COVID-19 and Beyond

Jennifer Underhill, MD

A Comparison of Remote and In-Person Teaching of Focused Assessment with Sonography in Trauma (FAST) Exams for Surgery Residents

Rui-Min D. Mao, MD

ASE Podium Session III B – Residency Curricula

Moderators: Wali Johnson, MD and Darci C. Foote, MD

Impact of Faculty Well-being on Medical Student Education

Ryan C. Bynum, MD

Job-Demands Resources Model in Surgical Intern Wellbeing: A Qualitative Analysis

Alisha C. Heximer, BA

Burnout and Barriers to Wellness among General Surgery Residents during COVID-19; A Qualitative Analysis of Survey Responses

Idil Bilgen

A Novel Perspective on Surgical Resident Wellness: Exploring the Correlation Between Emotional Exhaustion, Stress and Performance Avoid Goal Orientation Learning Behaviors

Ayobami Fatunmbi, MD

Fatigue, Sleep, and Trauma Call: Sleep Habits and Eye-Tracking Measures of On-Call General Surgery Residents

Sarah Kemp, MD

A Therapeutic Intervention for Burnout in General Surgery Residents

Garrett A. Barnes, BS, MS

Narrative Surgery: An Innovative Approach to Surgical Training and Surgeon Wellness

Polina Zmijewski, MD

Overlapping Worlds of Art and Plastic Surgery and the Implications for Surgical Training: Preliminary Results

Audrey B. Nguyen, MD

Cultivating Emotional Intelligence in General Surgery Residents Through a Patient-Centered Experience

Hayley Standage, MD

Implementation Factors Detracting From and Enhancing the Effectiveness of Mindfulness-Based Interventions: A Multicenter Study of Surgical Resident Perspectives

Christopher Huebner, BS

ASE Podium Session III C - Simulation

Moderators: Yo Kurashima, MD, PhD and Harry Van Goor, MD, PhD

Mentorship and Support for the Latino Surgical Community: Where Are We Now?

Ian C. Bostock, MD, MS

Climate Assessment: Perceptions and Attitudes Towards International Medical Graduates in Surgery

Carolina A. Torres, MD

A Community-Based Medical College, Which Puts Clerks in a First-Assist Role, May Contribute to High Numbers of Students Choosing to Apply for the Surgical Match

Philip D. Bohlmann

We See Things Differently: Comparing and Contrasting the Perceptions of Local Staff and Visiting Healthcare Workers During Global Health Rotations

Estelle Viaud-Murat

Implementing the SIMPL OR Smartphone App as a Useful Instrument Facilitating Feedback in Sweden

Nathalie Young, MD

Using Technology to Increase the Reach of Educational Innovation: Globalization of a Novel Departmental Journal Club

Nathaniel Deboever, MD

Needs Assessment Survey and Report of Web-Lecture on Manuscript Writing in Japan

Saseem Poudel, MD, PhD

Achieving Progressive Operative Autonomy at a Teaching Hospital in Kenya

Robert K. Parker, MD, PhD

Evaluation of a New Surgical Residency Program in a Japanese Teaching Hospital

Akihiro Suzuki, MD, PhD

Bilateral Trauma Case Conferences: Equity in Education Exchange

Manisha B. Bhatia, MD

4:45pm-5:45pm

Royce Laycock Lectureship

Topic: Teaming that is Out of this World

Speakers: Suzanne Bell, PhD

Lecture Introduction: Adnan Alseidi, MD, EdM

Speaker Introduction: Aimee Gardner, PhD

6:00pm-7:00pm

Joint APDS/ARAS/ASE Reception

7:00pm-9:00pm

ASE Banquet & Awards Presentation

ASE

7:00am-7:30am

Breakfast for Attendees

7:30am-8:30am

ASE Panel Session V

Topic: *Future of Surgical Education*

Moderator: John Paige, MD

Speaker: Spencer Wilson, MD, MSc – Surgical Education Essay

Panelists: Sharmila Dissanaik, MD; Andrew Hung, MD, MS; Mary Klingensmith, MD

8:00am-10:00am

ASE Podium Session IV A – Recruitment & Selection

Moderators: Cary Aarons, MD, MSED and Sarah Bowe, MD

Use of Feedback Orientation Scale for Selection of Applicants to General Surgery Residency

Jennifer H. Chen, MD

Perceptions of Virtual Residency Interviews: The Unique Concerns for Surgical Candidates

Ariana Metchik, MD

Making “Cents” of the Financial Burden in the General Surgery Residency Application Process: The Costs Don’t “Match.”

Kristen Rhodin, MD

Reading Between the Lines: A Novel Method of Analyzing Personal Statements Using Natural Language Processing Technology

Ace J. St John, MD

Are Pediatric Surgery Fellowship Websites Ready for Changing Paradigms in the COVID-19 Era?

Marla A. Sacks, MD

Aligning Applicant Goals and Program Mission: Using Qualitative Research to Inform Holistic Review

Dorothy Hughes, PhD, MHSA

Instagram Usage by Programs for Virtual Advertising and Recruitment during COVID-19

Tasha Posid, MA, PhD

Gender Diversity Influences Applicant Perspectives of Plastic Surgery Residency Programs

Rachel A. Guest, MD

Going Virtual: Effectiveness of Virtual Opportunities in Engaging Applicants for Plastic Surgery Residencies

Brittini L. Miller

ASE Podium Session IV B – Workforce Issues

Moderators: Christie Buonpane, MD and Mary Byrnes, PhD

Residents as a Valuable Asset: The Financial Benefits of Residency Program Expansion

Harold J. Leraas, MD, MHS

Surgical Caps as a Tool: Highly Visible Names and Roles on Caps to Improve Perioperative Teamwork and Wellness- Pilot Study

Aussama K. Nassar, MD, MSc

Preparing to Retire from Surgery: A National Survey

Roi Anteby, MD

Mentor-Mentee Relationships Among Surgical Educators

Alison Brandeis Johnson, MD

The Experience of Academic Physician Coaches in a Professional Development Coaching Program

Gazi M. Rashid, MD

Surgical Personalities: Debunking Stereotypes and Identifying Traits Associated with Leadership

Connie Shao, MD

What Factors Impacting Surgical Operative Time at Academic Medical Center?

Dathe Z. Benissan-Messan, MD

Enhanced Recovery After Surgery: Educating the Next Generation of Surgeons in Utilization of Non-Opioids in Patient Care

Mian Hashim Hanif, MD

Midnight Rounds: Benefits of a Structured Resident/Nurse Rounding Program

Kerri Lopez, MD

Vascular Emergency Surgery: Simulated Exercises for Limb Salvage (VESSELS): Curriculum Development for Deployed Military General Surgeons

Cassandra Rachael Hickey, DO

8:00am-11:30am

ASE Coordinator Track Program (CCSE)

Topic: Professional Development

10:00am-10:30am

Break

10:30am-11:30am

ASE Panel Session VI

Topic: *The Transition from Undergraduate to Graduate Medical Education: Current Issues & Future Directions*

Moderator: Brigitte Smith, MD, MHPE

Panelists: Cary Aarons, MD, MSED; Adnan Alseidi, MD, EdM; Jeremy Lipman, MD, MHPE; Sophia McKinley, MD, EdM; Barbara Pettitt, MD

11:30am-11:45pm

Closing Remarks

11:45am-12:15pm

Transition ASE Meeting to APDS Meeting

Attendees grab lunch-to-go from back of General Session room

12:15pm-12:30pm

Opening of APDS Meeting

Speakers: Douglas Smink, MD, MPH, *APDS President*, Cary Aarons, MD, MSED, *APDS Program Chair*

12:30pm-1:45pm

APDS Panel Session I (Joint Panel with ASE)

Topic: *Competency-Based Medical Education*

Moderator: Britney Corey, MD and Jennifer LaFemina, MD

Panelists: Brian George, MD, MA; Brenessa Lindeman, MD, MEHP; Rebecca Minter, MD; Roy Phitayakorn, MD, MHPE (Med)

2:00pm-6:00pm

ASE Board Meeting

Wednesday, May 4th**APDS**

- 7:00 am **Registration for APDS New Program Directors Workshop**
- 7:00 am **APDS New Program Directors Workshop**
Part I - separate pre-registration required
Co-Directors: Alfred Chahine, MD, Vice Chair of Education, Emory University, Atlanta, GA, Michael Truitt, MD, Program Director, Methodist Health System Dallas, Dallas, TX and Julia Shelton, MD, MPH, Program Director, University of Iowa Hospitals and Clinics, Iowa City, IA
- 5:30 pm **Reception for New Program Directors Workshop attendees**
- 6:00 pm **Joint Reception APDS/ASE/ARAS**

Thursday, May 5th**APDS**

- 7:00 am **APDS New Program Directors Workshop**
Part II - separate pre-registration required
- 10:30 am **ASE Panel Session VI**
Topic: *The Transition from Undergraduate to Graduate Medical Education: Current Issues & Future Directions*
Moderator: Brigitte Smith, MD, MHPE
Panelists: Cary Aarons, MD, MSED; Adnan Alseidi, MD, EdM; Jeremy Lipman, MD, MHPE; Sophia McKinley, MD, EdM; Barbara Pettitt, MD
- 11:45 am **ASE/APDS Joint Lunch**
- 12:15 pm **Opening of the 41st Annual Meeting of the APDS**
Douglas S. Smink, MD, MPH, President of APDS, Brigham & Women's Hospital, Boston, MA
Cary B. Aarons, MD, Program Chair, University of Pennsylvania, Philadelphia, PA
- 12:30 pm **APDS Panel Session I: Competency-Based Assessment**
Moderators: Britney Corey, MD, University of Alabama, Birmingham, AL
Jennifer LaFemina, MD, University of Massachusetts, Worcester, MA
- The Theory and Principles: The UME Experience** – Roy Phitayakorn, MD, Harvard Medical School, Boston, MA
The Tools of the Trade: Operative Assessment – Brian George, MD, University of Michigan Health System, Ann Arbor, MI
Clinical Assessment: Intro to EPAs as an Assessment Tool – Brenessa Lindeman, MD, MEPH, University of Alabama, Birmingham, AL
The Implementation of EPAs and Its Challenges – Rebecca Minter, MD, FACS, University of Wisconsin, Madison, WI
- 1:45 pm **APDS Paper Session I**
Moderators: Elisabeth Tracy, MD, Duke University Hospital, Durham, NC
Handel Robinson, MD, University of Miami, Fort Lauderdale, FL
- (R) How Program Directors Understand General Surgery Resident Wellness**
Darci Foote, MD, Julie Evans, BS, Tedi Engler, MS, Sophie Gutterman, BS, Alisha Lussiez, MD; University of Michigan
- (R) Pregnancy During Surgical Training: Are Residency Programs Truly Supporting their Trainees?**
Manuel Castillo-Angeles, MD, MPH¹, Rachel Atkinson, MD¹, Sarah Easter, MD¹, Ankush Gosain, MD PhD², Yue-Yung Hu, MD, MPH³, Zara Cooper, MD¹, MSc, Eugene Kim, MD⁴, Erika Rangel, MD, MS¹; Brigham and Women's Hospital¹, University of Tennessee Health Science Center², Northwestern University Feinberg School of Medicine³, Children's Hospital Los Angeles⁴
- (R) What is a "Responsive" Residency Program?**
Rachel Joung, MD¹, Daniela Amortegui, MA¹, Joshua Eng, PhD¹, Kari Rosenkranz, MD², Julie Johnson, PhD¹, Karl Bilimoria, MD¹, Yue-Yung Hu, MD¹; Surgical Outcomes and Quality Improvement Center at Northwestern University¹, Dartmouth Geisel School of Medicine²
- (R) Gaps in Practice Management Skills After Training: A Qualitative Needs Assessment of Early Career Surgeons**
Robert Sinyard, MD¹, Anamika Veeramani, BS², Eva Rouanet, MD³, Denise Gee, MD¹, Kyla Terhune, MD⁴; Massachusetts General Hospital¹, Harvard Medical School², Brigham & Women's Hospital³, Vanderbilt University Medical Center⁴
- (R) Walking the Walk and Talking the Talk: An Analysis of Diversity Statements and Support of Special Interest Societies by General Surgery Residency Programs**
Jorge Zarate Rodriguez, MD, Katharine Caldwell, Frances Avila-Soto, BS, Britta Han, MD, Francesca Dimou, MD, Michael Awad, MD, Bethany Sacks, MD; Washington University School of Medicine in St Louis
- 3:00 pm **Break**
- 3:15 pm **APDS Panel Session II: Effective Mentoring Across Differences**
Moderators: Tania Arora, MD, Medical College of Georgia, Augusta, GA
Valentine Nfonsam, MD, MS, FACS, University of Arizona, Tucson, AZ
- Mentorship Needs of Residents from Diverse Backgrounds** – Gezzar Ortega, MD, MPH, Brigham & Women's Hospital, Boston, MA
Effective Models of Mentorship in Surgical Training – Lilah Morris-Wiseman, MD, Johns Hopkins University, Baltimore, MD
Best Practices and Overcoming Challenges of Mentorship Programs in Surgical Training – Gordana Rasic, MD, MSc, Boston University, Boston, MA
Practical Advice for the Program Director and Faculty – Daniel Dent, MD, University of Texas Health Science Center at San Antonio, San Antonio, TX
- 4:30 pm **APDS Paper Session II**
Moderators: Kari Rosenkranz, MD, Dartmouth-Hitchcock Medical Center, Lebanon, NH
Jason Kempenich, MD, University of Texas Health Science Center San Antonio, San Antonio, TX
- (R) Faculty Scoring of General Surgery Residency Interviewees: A Comparison of In-Person and Virtual Interview Formats**
Tessa Lamberton, MD¹, Christine Tung, MD¹, Amy Kaji, MD², Angela Neville, MD¹, George Singer, MD¹, Eric Simms, MD¹, Yazmin Lona³, Christian de Virgilio, MD¹; Department of Surgery, Harbor UCLA Medical Center, Department of Emergency Medicine¹, Harbor-UCLA Medical Center², The Lundquist Institute at Harbor-UCLA Medical Center³
- (R) Learning to SuRRF: Sustained Engagement and Increased Academic Productivity Over Two Years of a Resident-Led Virtual Laboratory**
Donna Koo, MD, Dane Thompson, MD, Lyudmyla Demyan, MD, Colleen Nofi, DO, John Sadeghi, MD, Jaclyn Vialet, MLS, Vihas Patel, MD; Northwell - North Shore / LIJ General Surgery
- (R) Becoming Effective Senior Surgical Trainees (BESST): Using Kirkpatrick's Outcomes to Evaluate the Impact of a Non-Technical Skills Curriculum**
Robert Sinyard, MD¹, Alyssa Mazurek, MD¹, Taylor Coe, MD¹, Josue Chirinos, BS², Matthew Mitchell, BS², Denise Gee, MD¹; Massachusetts General Hospital¹, Harvard Medical School²
- (R) Pulling Back from the Brink: A Multi-Pronged Approach to Address General Surgery Resident Clinical Work Hour Adherence**
Rachael Acker, MD¹, Robert A. Swendiman, MD², Valerie L. Luks, MD¹, Andrew N. Hanna, MD¹, Cary Aarons, MD¹; University of Pennsylvania Department of Surgery¹, University of Utah School of Medicine Division of Pediatric Surgery²
- (R) Interprofessional Trauma Team Training: Leveraging Each Specialties' Expertise to Teach Procedural-Based Skills**
Kristen Jogerst, MD, MPH¹, Douglas Cassidy, MD², Taylor Coe, MD², Derek Monetter, MD², Dana Stearns, MD², Denise Gee, MD², Angela Chyn, DNP², Emil Petrusa, PhD², Noelle Saillant, MD², Kimo Takayasu²; Mayo Clinic Arizona¹, Massachusetts General Hospital²

(R) Entry in Resident Competition

APDS Medical Student Research Forum

Moderators: Thomas Carver, MD, Medical College of Wisconsin, Milwaukee, WI
Joon Shim, MD, Bassett Medical Center, Cooperstown, NY

A Comparison of Faculty and Resident Perceptions of Outstanding Educator Qualities

Neha Sharma, BA, Emily Steinhagen, MD, Jeffrey Marks, MD, John Ammori, MD, Case Western Reserve University School of Medicine

GlobalSurgBox: A Portable Surgical Simulator for Surgical Trainees

Courtney Mangham, BA¹, Michael Kirsch, MD, MS², Jay Pal, MD, PhD², Yihan Lin, MD, MPH², University of Colorado School of Medicine¹, University of Colorado Anschutz Medical Campus²

Medication Errors as a Marker of Resident Competency

Oswaldo Subillaga, BA, Kenneth Lynch, PhD, David Harrington, MD, Ashlie Haas-Rodriguez, BS, Thomas Miner, MD, Alpert Medical School of Brown University

Curriculum Comparison of Graduates from Integrated Vascular Surgery Residencies versus Vascular Surgery Fellowships

Niteesh Sundaram, MS¹, Elizabeth Andraska, MD¹, Ceyda Bertram, MD², Silviu Marica, MD², Jean Miner, MD², Anne Rizzo, MD², Lawrence Sampson, MD², Burt Cagir, MD², University of Pittsburgh¹, Guthrie Robert Packer Hospital²

APDS Poster Session

E-Poster Group 1 Discussants: William Hope, MD, New Hanover Regional Medical Center, Wilmington, NC

Marcela Ramirez, MD, Kendall Regional Medical Center, Miami, FL

It's not what you say, it's how you say it: A linguistic analysis of gender differences in interviews on intraoperative errors

Sarah Lund, MD, Anne-Lise D'Angelo, MD, Malin Woerster, MD, Nikhil Kapur, Scott Kelley, MD, Eric Dozois, MD, Jonathan D'Angelo, PhD; Mayo Clinic

Simulated Surgical Skills MMs During Residency Interviews as a Predictor of First Year Residency Performance

Sarah Lund, MD, Jonathan D'Angelo, PhD, Mohamed Baloul, MBBS, Jen-Huei Yeh, PhD, John Stulak, MD, Mariela Rivera, MD; Mayo Clinic

Practical Virtual Ergonomics Course for Surgical Residents: Course Design and Learning Outcomes

Tianqi Smith, PhD¹, Bethany Lowndes, PhD², Elizabeth Schmida, BSc³, Sarah Lund, MD¹, Anna Iinden, BSc³, Mariela Rivera, MD¹, Becca Gas, MS¹, M. Susan Hallbeck, PhD¹; Mayo Clinic¹, University of Nebraska Medical Center², University of Wisconsin-Madison³

Experience of Subspecialty Surgical Residents on General Surgery Rotations

Stephanie Sisak, MD, Christen E. Salyer, MD, Alexander R. Cortez, MD, Dennis M. Vaysburg, MD, R. Cutler Quillin III, MD, Robert M. Van Haren, MD; University of Cincinnati College of Medicine

Modified SafeZone Training: LGBT Patient Education for Surgical Residents and Faculty

Ray Ramirez, MD, Nell Maloney Patel, MD; Rutgers Robert Wood Johnson Medical School

Challenging the Challenger: Bias in Incident Reports Against Resident Physicians

Marguerite Ballou, MD, Benjamin Reed, MD, Faryal Afridi, MBBS, Morgan Johnson, MD, David Borgstrom, MD, MBA; West Virginia University

National Evaluation of Mistreatment and Burnout Amongst International Medical Graduates in General Surgical Residency Training

Jennifer Delgado Felipa, MD¹, Andrew Hu, MBChB², Joshua Eng, PhD², Gaurava Agarwal, MD³, Hasan Alam, MD⁴, June McKoy, MD¹, Karl Bilimoria, MD², Yue-Yung Hu, MD²; Department of Medicine, Division of Internal Medicine and Geriatrics at Northwestern University¹, Surgical Outcomes and Quality Improvement Center, Department of Surgery at Northwestern University², Departments of Medical Education and Psychiatry and Behavioral Sciences at Northwestern University³, Department of Surgery, Feinberg School of Medicine at Northwestern University⁴

Formal Mentorship in a General Surgery Residency Program: A Single Institution's Experience

Manu Kaushik, MD, Sugeetha Nithianathan, MD, Jasneet Bhullar, MD, Vijay Mittal, MD; Ascension Providence Hospital, Michigan State University

E-Poster Group 2 Discussants: Kristin Oliveira, MD, FACS, Yale University, New Haven, CT

James Rucinski, MD, New York-Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY

The Whiteboard Timeout: A Novel Tool to Improve Resident Learning in the Operating Room

Alexa Griffiths, MD, Arony Sun, MD, Seema Chauhan, Rebecca Rhee, MD; Maimonides Medical Center

Education Doctor of the Day (EDOD): An Evaluation of a Novel Strategy for Surgical Residency Education

Justin Faulkner, MD, Seth Beeson, DO, Kathy Radley, Frederic Eckhauser, MD, William Powers, MD, William Hope, MD; Novant New Hanover Regional Medical Center

Teaching Residents How to Complete Patient Handoffs: Recommendations for Curricula Development from a National Needs Assessment

Kristen Jogerst, MD, MPH¹, Haley Nadone², Chi Zhang, MD¹, Ga'ram Han, MD¹, Nitin Mishra, MBBS¹, Abdulaziz Saleem, MBBS¹; Mayo Clinic Arizona¹, University of Nevada Medical School²

Resident Perception of Clinical Benefit and Educational Value of a Novel Low-Fidelity Simulation Curriculum

Anastasios Mitsakos, MD, Nicole Garcia, MD, Seth Quinn, MD, Ashley Wercholak, MD, William Irish, PhD, Danielle Walsh, MD, Carl Haisch, MD; Department of Surgery, Brody School of Medicine at East Carolina University

Use of Direct Sign Out to Improve Transition of Care for Trauma Patients from ICU to Floor

Adria Johnson, MD, Joseph Rappold, MD, Carlyne Falank, PhD, Julianne Ontengco, DNP, Jaswin Sawhney, MD; Maine Medical Center

The benefits and challenges of creating a phone application for a residency program

Crystal Zhang, MD, Robert Dorenbusch, DO, Alex Hamilton, DO, Christian Hudson-Bradford, MD, Ryan Sullivan, MS, Jonathan Saxe, MD; Ascension St. Vincent Hospital

Implementation of a Standardized Sub-Intern Curriculum Improves Confidence for those Entering a Surgical Residency

Robert Shaw, MD, Casey Lamb, MD, Matthew Carroll, MD, Sandra Wong, MD, Kari Rosenkranz, MD; Dartmouth-Hitchcock Medical Center

Improving the Efficiency and Educational Value of Acute Care Surgery Morning Report

Paul Burchard, MD¹, D. George Ormond, MD¹, Phoebe Huang², Yanjie Qi, MD¹, Michael Vella, MD¹, Daniel Holena, MD, MSCE³; University of Rochester Medical Center¹; University of Rochester School of Medicine and Dentistry², Medical College of Wisconsin³

E-Poster Group 3 Discussants: Jason Johnson, DO, Saint Joseph Hospital, Denver, CO

Luise Pernar, MD, Boston University, Boston, MA

Faculty evaluations correlate with objective exams in junior, but not upper level, surgery residents

Vicky J.-H. Yeh PhD, Thomas Szabo Yamashita, MD, Sarah Lund, MD, Mariela Rivera, MD, Travis McKenzie, MD, John Stulak, MD, Stephanie Heller, MD, James Jakob, MD; Mayo Clinic

The Lake Wobegon Effect is real. All General Surgery Residents appear to be better than average

Thomas Szabo-Yamashita, MD, Jen-Huei Yeh, PhD, Sarah Lund, MD, Mariela Rivera, MD, Travis McKenzie, MD, John Stulak, MD, Stephanie Heller, MD, James Jakob, MD; Mayo Clinic

Virtual open houses can improve applicant perceptions of programs

Jessie Ho, MD, Rachel Joung, MD, Mackenzie Krueger, Amy Holmstrom, MD, Cary Schlick, MD, Amy Halverson, MD, Hasan Alam, MD, Derrick Christopher, MD; Northwestern University Feinberg School of Medicine

Delphi Study to Define the Domain of the American College of Surgeons Senior Resident Readiness Assessment (ACS SRRA)

Keon Min Park, MD¹, Adnan Alseidi, MD¹, Melissa Gesbeck, PhD², Yoon Soo Park, PhD³, Maura Sullivan, PhD⁴, Edgardo Salcedo, MD⁵, Patrice Gabler Blair, MPH², Kathy Liscum, MD², Ajit Sachdeva, MD²; University of California at San Francisco¹, American College of Surgeons Division of Education², Harvard Medical School³, Keck School of Medicine at University of Southern California⁴, University of California Davis⁵

Attitudes and Applications of the ACS Entering Resident Readiness Assessment: A Departmental Survey

Katherine Yared, MD, Kaylan Gee, MD, Heath Many, MD, Robert Heidel, PhD, Brian Daley, MD; University of Tennessee Medical Center at Knoxville

An Analysis of Preliminary General Surgery Residents Matriculation into Categorical Positions

LaDonna Kearse, MD¹, Kibileri Williams, MD², Edward Cornwell, III, MD³, Lori Wilson, MD³, Mallory Williams, MD³; Stanford University Department of Surgery¹, Children's National Hospital Department of Pediatric Surgery², Howard University Hospital Department of Surgery³

Measuring Work Expectations of General Surgery Interns

LaDonna Kearse, MD¹, Ingrid Schmiederer, MD², Sarah Lund, MD³, Rachel Jensen, MD¹, James Lau, MD⁴, Sharika Kaula, MD⁴, Lori Wilson, MD⁵, James Korndorfer, MD¹; Stanford University¹, New York Presbyterian Queens Hospital², Mayo Clinic³, Loyola University Chicago School of Medicine⁴, Howard University Hospital⁵

Thursday, May 5th

APDS

E-Poster Group 4 Discussants: Robyn Richmond, MD, Texas Tech University Health Sciences Center at Lubbock, Lubbock, TX
Jeffrey Sussman, MD, University of Cincinnati Medical Center, Cincinnati, OH

Trends in Teaching Assistant (TA) Cases in Sixteen Years of ACGME General Surgery Case Logs at an Academic Medical Center

Les James, MD, Stellakis Vivian, MA, Jenkins Megan, MD, Manish Tandon, MD, Sandeep Sirsi, MD, Akuezunkpa Ude-Welcome, MD, Ann Lee, MD, Russell Berman, MD; NYU Langone Health

Current Status of Ethics education in Surgery Residency Curriculum: an APDS Needs Assessment Survey

Pranit Chotai, MD¹, Kyla Terhune, MD², April Logan, MS¹, Allan Peetz, MD², Eric Grossman, MD², Peter Angelos, MD², Brian Drolet, MD²; The Ohio State University Wexner Medical Center¹, Vanderbilt University Medical Center²

Surgical Residents' Favorite Rotations: The Importance of the Learning Environment

Andrew Esposito, MD, Whitney Brandt, MD, Nathan Coppersmith, MD, Erin White, MD, Peter Yoo, MD; Yale New Haven Hospital

Faculty Perspectives on Resident Readiness for Service Using an Educational Needs Assessment: A Framework for Pre-rotation Learning

Nizamuddin Shaikh, MBBS¹, Jennifer Tomlinson, MD¹, Fareeda Mukhtar, MBBS², Mohammad Qrarefa, MD¹, David Farley, MD¹, Jonathan D'Angelo PhD¹, Rivera Mariela, MD¹; Mayo Clinic¹, Alfaisal University²

The Patient's Voice in Assessing Resident Communication Skills

Amy Han, MD, Lisa Kojima, BSE, Judith French, PhD, Jeremy Lipman, MD; Cleveland Clinic

Expansion of the CLOS-IT System to become AWSOM: a versatile Abdominal Wall Surgical Skills Operative Model

Megan Cole, MD¹, Cassandra Hickey, DO², Ashley Hafer, MD¹, Peter Liacouras, PhD¹, WB Sweeney, MD³, BR Franklin, MD¹; Walter Reed National Military Medical Center¹, Naval Medical Center Portsmouth², Uniformed Services University of Health Sciences³

A Thin Silver Lining: Increased Academic Output During the COVID-19 Pandemic

Hossam Abdou, MD, Ace St. John, MD, Greg Conway, MD, Sarah Kidd-Romero, BS, Natalia Kubicki, MD, Rebecca Brown, MD, Eric Strauch, MD, Stephen Kavic, MD; University of Maryland Medical Center

Competency vs Sophistication: Similarities and Differences in Expectations for Surgical Residents and Fellows

Luke Selby, MD¹, Ingrid Woelfel, MD², Jennifer Beaty, MD³, Dan Blazer, MD⁴, Daniel Dent, MD⁵, Syed Husain, MD², Naixin Kang, MD⁶, Paula Termuhlen, MD⁷, Valerie Grignol, MD², Paul Schenarts, MD⁸; University of Kansas Medical Center¹, The Ohio State University², Des Moines University³, Duke University⁴, UT San Antonio⁵, University of Miami⁶, WMU Homer Stryker M.D. School of Medicine⁷, Creighton University⁸

E-Poster Group 5 Discussants: Olamide Alabi, MD, Emory University, Atlanta, GA
J. Scott Thomas, MD, Baylor Scott & White Memorial Hospital, Temple, TX

General Surgery Resident Complement and Resident Autonomy – Size Matters

Yasong Yu, MD, Joseph Oliver, MD, Anastasia Kunac, MD, Devashish Anjaria, MD; Veterans Affairs New Jersey Healthcare System

Using ACGME General Surgery Milestones to Define the Competent Foundational Surgical Resident

Dominique Doster, MD, Christopher Thomas, MD, Jennifer Choi, MD, Dimitrios Stefanidis, MD, PhD, E. Matthew Ritter, MD, MHPE; Indiana University School of Medicine

Training to Competence in Endoscopy: What experiences are necessary?

Jacob Peschman, MD¹, Benjamin Jarman, MD²; Medical College of Wisconsin¹, Gundersen Health System²

Invisible Work - Advanced Practice Providers' Role in the Education of Surgeons

Audrey Rosenblatt, PhD¹, Heather Ballard, MD¹, Daniela Amortegui, MA², Tarik Yuce, MD², Karl Bilimoria, MD², Julie Johnson, PhD², Yue-Yung Hu, MD¹; Lurie Children's Hospital¹, Northwestern University²

Surgical Attendings Display a Growth Mindset Towards Surgical Skill

Nathan Coppersmith, MD, Andrew Esposito, MD, Peter Yoo; Yale School of Medicine

Another Surgical Education Survey? Characteristics of the Most- and Least-Cited Papers in Surgical Education

Nathan Coppersmith, MD, Erin White, MD, Andrew Esposito, MD, Peter Yoo, MD; Yale School of Medicine

Friday, May 6th

APDS

8:00 am

APDS Paper Session III

Moderators: Brian Smith, MD, University of California Irvine, Orange, CA
Mary Katherine Kimbrough, MD, University of Arkansas, Little Rock, AR

American College of Surgeons Objective Assessment of Skills in Surgery (ACS OASIS): A Formative Assessment of Junior Residents

Mohsen Shabahang, MD¹, Brian Daley, MD², Ebondo Mpinga, MD¹, Ranjan Sudan, MD³, Areti Tillou, MD⁴, Patrice Blair, MPH⁵, Yoon Soo Park, PhD, Pamela Lipsett, MD⁶, Benjamin Jarman, MD⁷, Ajit Sachdeva, MD⁵; Wellspan Health¹, UT Knoxville², Duke University³, UCLA⁴, American College of Surgeons⁵, Johns Hopkins University⁶, Gundersen Lutheran⁷

Objective Results from the Laparoscopy In Biliary Exploration Research and Training Initiative (LIBERTI)

Katherine Aguirre, PhD, Brian Davis, MD; Texas Tech University Health Sciences Center

Should Robotic Surgery Training Become a General Surgery Residency Requirement? A National Survey of Program Directors in Surgery

Paula Porras, MD, Sonam Kapadia, MD, George Singer, MD, Angela Neville, MD Yetasook, MD, Christine Dauphine, MD; Harbor-UCLA Medical Center

Validity Evidence for ENTRUST as an Assessment of Surgical Decision-Making for the Inguinal Hernia Entrustable Professional Activity (EPA)

Cara Liebert, MD¹, Edward Melcer, PhD², Oleksandra Keehl, MS², Hyrum Eddington, BS¹, Amber Trickey, PhD¹, Melissa Lee, BA¹, Jason Tsai, MS², Fatma Camacho, MS², Sylvia Berekeyei Merrell, DrPH¹, James Korndoffer, MD¹, Dana Lin, MD¹; Stanford School of Medicine¹, University of California- Santa Cruz²

A Multi-Institutional Evaluation of Surgical Assessments Developed to Differentiate Resident Skills Across Post-Graduate Training Levels

Nizamuddin Shaikh, MBBS, Vicky Yeh, PhD, Mohamed Baloul, MBBS, Avantika Lakshmi Narasimhan, MBBS, David Farley, MD, Jonathan D'Angelo, PhD, Mariela Rivera MD; Mayo Clinic

9:15 am

APDS Panel Session III: Change Management: Matching Leadership Strategy to the Challenge

Moderators: Rahul Anand, MD, Virginia Commonwealth University, Richmond, VA
Stephanie Nitzsche, MD, Brigham & Women's Hospital, Boston, MA

The Start Up: How to Build Excellence from the Ground Up – Kevin Pei, MD, MHSEd, FACS, Parkview Health, Fort Wayne, IN

The Turnaround: Pulling Back from the Brink – Hugh Lindsey, MD, Sparrow Hospital, Lansing, MI

Changing Directions: Realigning the Mission – Kristen Conrad-Schnet, DO, Cleveland Clinic South Pointe, Warrensville, OH

Building on Success: Re-energizing and Growing an Already Successful Program – Christina E. Bailey, MD, Vanderbilt University, Nashville, TN

The Alum: Handing Over the Reins to the Next PD – Amit Joshi, MD, FACS, Cooper Medical School, Camden, NJ

10:40 am

Break

10:55 am

APDS Presidential Address

Douglas S. Smink, MD, MPH, Brigham & Women's Hospital, Boston, MA
Introduction by Benjamin Jarman, MD, Gundersen Lutheran Medical Foundation, LaCrosse, WI

12:00 pm

APDS Luncheon Workshops – Session 1 (box lunch provided)

- Implementing Entrustable Professional Activities in General Surgery training programs: Lessons learned from the American Board of Surgery EPA pilot**
George Sarosi, MD¹, Jacob Greenberg, MD², Brianne Nickel, MA³, John Mellinger, MD⁴; University of Florida¹, Augusta University², Indiana University³, American Board of Surgery⁴
- Best Practices for Using SCORE in Your Residency Program**
Amit Joshi, MD¹, Mark Hickey, MA²; Cooper Medical School of Rowan University¹, SCORE²
- How to incorporate an Ergonomics Curriculum into a surgical training program's well-being initiatives**
Marion Henry, MD¹, Geeta Lal, MD², A. Alfred Chahine, MD³; University of Chicago¹, University of Iowa², Emory University³
- Roll the Tape: Harnessing the Power of Trauma Video Review to Evaluate and Improve Resident Technical and Non-Technical Skills in Trauma Resuscitation and Beyond**
Caitlin Cook, MD¹, Ryan Dumas, MD², Yan Qi, MD¹, Michael Vella, MD¹; University of Rochester¹, University of Texas Southwestern²
- Identifying Champions to Initiate and Enrich Your Residency Communication Skills Training Program**
Anna Newcomb, PhD, MSW¹, Rachel Appelbaum, MD², Jonathan Dort, MD¹, Muneera Kapadia, MD³, Ryan Dumas, MD⁴; Inova¹, Atrium Health Wake Forest², University of North Carolina³, UT Southwestern⁴
- Multidisciplinary Medical/Surgical Morbidity and Mortality Conference: Collaboration Fuels Practice-Based Learning and Improvement, Mitigates Adverse Events, and Advances System Based Improvement**
Keaton Joppru, MD, Benjamin Jarman, MD; Gundersen Lutheran Medical Foundation
- Want to Train Rural Surgeons: a Primer**
David Borgstrom, MD; West Virginia University

1:00 pm

APDS Luncheon Workshops – Session 2

- Let's Talk About EQIP! Lessons Learned from the 2021-2022 Launch**
Amit Joshi, MD¹, David Harrington, MD², Valentine Nfonsam, MD³, Kathryn Kmiec⁴; Cooper Medical School¹, Brown University², University of Arizona³, Vanderbilt University⁴
- The PACTS Case Exploration: A Peer-Coaching and Learning Experience to Develop Culturally Dexterous Surgical Skills**
Kenneth Lynch, PhD³, Rachel Atkinson, MD¹, Rachel Seiler, MD², Emma Reidy, MPH¹; Brigham and Women's Hospital¹; Gundersen Lutheran Medical Foundation², Brown University³
- "Managing up": Approaching Mentoring from a Mentee's Perspective**
Amy Han, MD, Talia Burneikis, MD, Judith French, PhD; Cleveland Clinic
- The Whiteboard Timeout: Utilizing Whiteboards as a Tool to Enhance Resident Learning**
Alexa Griffiths, MD, Arony Sung, MD, Rebecca Rhee, MD; Maimonides Medical Center
- EPAs in the training of residents and fellows: what you need to know from a pilot study**
Rana Higgins, MD, FACS¹, Brianne Nickel, MA², Farah Husain, MD, FACS³, Yewande Alimi, MD⁴, Tiffany Tanner, MD⁵, Abhishek Parmar, MD, FACS, Jacob Greenberg, MD, FACS⁶; Medical College of Wisconsin¹, Indiana University², Oregon Health and Science University³, Georgetown University⁴, University of Nebraska Medical Center⁵, Medical College of Georgia⁶
- FLS 2.0, The Validity Examination and Future of FLS: Implications for Program Directors**
Neal Seymour, MD¹, Melina Vassiliou, MD, MEd², Allan Okrainec, MD, MHPE³, Maryam Wagner, PhD², Carlos Gomez-Garibello, PhD²; UMass Chan Medical School-Baystate¹, McGill University², University of Toronto³
- GlobalSurgBox: a portable surgical simulator workshop**
Yihan Lin, MD, MPH¹, Michael Kirsch, MD, MS¹, Courtney Mangham, BS²; University of Colorado Anschutz Medical Campus¹, University of Colorado Medical School²

1:00 pm

APDS Tools of the Trade Workshops

- Resident as Teacher Program**
Luise Pernar, MD, MHPE; Boston Medical Center
- Lessons Learned Using Verification of Proficiencies (VOPs) for Resident Assessment in General Surgery Training**
Rachel Jensen, MD¹, LaDonna Kearse, MD¹, Brittany Hasty, MD², Edmund Lee, MD³, Tiffany Anderson, MD⁴, James Lau, MD², Cara Liebert, MD¹, Dana Lin, MD¹; Stanford University¹, Loyola University Medical Center², Inova³, University of Florida Gainesville⁴
- ENTRUST Platform for Assessment of Entrustable Professional Activities (EPAs)**
Cara Liebert, MD¹, Edward Melcer, PhD², Oleksandra Keehl, MS², Hyrum Eddington, BS¹, Amber Trickey, PhD¹, Melissa Lee, BA¹, Jason Tsai, MS², Fatyma Camacho, MS², Sylvia Berecknye Merrell, DrPH¹, James Korndorffer, MD¹, Dana Lin, MD¹; Stanford School of Medicine¹, University of California – Santa Cruz²

2:00 pm

APDS Paper Session IV

Moderators: Paul Wise, MD, Washington University, St. Louis, MO
Michelle Brownstein, MD, East Carolina University, Greenville, NC

Diversity in the Leadership of the Association of Program Directors in Surgery: An Update

Tania Arora, MD¹, Lilah Morris-Wiseman, MD², Valentine Nfonsam, MD³, Daniel Dent, MD⁴; Augusta University at The Medical College of Georgia¹, Johns Hopkins University², University of Arizona³, University of Texas San Antonio⁴

Relationship Between Gender, Training Level and Goal Orientation Achievement Motivation: Implications for Learners and Faculty

Christa Balanoff, MD¹, Ayobami Fatunmbi, MD², Ingrid Woelfel, MD³, Cary Aarons, MD⁴, Bogdan Protyniak, MD⁵, Anip Joshi, MBBS⁶, Rebecca Henry PhD⁷, Rebecca Hoffman, MD²; University of Kansas Medical Center¹, Geisinger Medical Center², The Ohio State University³, University of Pennsylvania⁴, Geisinger Wyoming Valley Medical Center⁵, Bir Hospital⁶, Michigan State University⁷

Identifying Potential Attrition during the Residency Applicant Screening Process using a Situational Judgment Test

Ross Willis, PhD, Jason Kempenich, MD, Ronit Patnaik, MD, Daniel Dent, MD; UT Health San Antonio

Examining Feedback at Scale: Identifying Levers for Improvement

Kayla Marcotte, MD¹, Amy Holmstrom, MD², Angela Thelen, MD³, Rebecca Gates, MD³, Brian George, MD³, Andrew Krumm, PhD¹; University of Michigan Medical School, Department of Learning Health Sciences¹, Northwestern University Feinberg School of Medicine, Department of Surgery², University of Michigan Medical School, Department of Surgery³

EQIP's De-identification Strategy: An Innovative Model for Collaborative Databases

David Harrington, MD¹, John Ciolkosz², Shawn Murphy², Tom Fise³, Valentine Nfonsam, MD⁴, Amit Joshi, MD⁵; Brown University¹, TLI², APDS³, University of Arizona⁴, Cooper Medical School⁵

3:15 am

Break

3:30 pm

APDS Keynote Address

T.J. Douglas, Founder and CEO, The Urban Grape, Boston, MA
Introduction by Douglas S. Smink, MD, MPH, Brigham & Women's Hospital, Boston, MA

4:30 pm

Presentation of Awards: Best Resident & Medical Student Papers; Best Tools of the Trade Workshop

Cary B. Aarons, MD, Program Chair, University of Pennsylvania, Philadelphia, PA

4:45 pm

APDS Business Meeting (APDS Members Only)

7:00 pm

Wine Education with Urban Grape's Progressive Scale

T.J. Douglas, Founder and CEO, The Urban Grape, Boston, MA
(separate registration required, limited space available)

Saturday, May 7th

APDS

7:00 am

Breakfast: ABS Update on EPA Project

8:00 am

APDS Research Fund and EQIP Update

Daniel Dent, MD, University of Texas Health Science Center, San Antonio, TX
David T. Harrington, MD, Brown University SOM/Rhode Island Hospital, Providence, RI

8:15 am

APDS QuickShot Paper Session

Moderators: Wade Douglas, MD, Florida State University, Tallahassee, FL
Angela Neville, MD, Harbor UCLA Medical Center, Torrance, CA

Deconstructing the roadmap to surgical residency: A national survey of residents illuminates factors associated with recruitment success as well as applicants' needs and beliefs

Maria Baimas-George, MD¹, Lynnette Schiffern, MD¹, Hongmei Yang, PhD¹, Caroline Reinke¹, Steven Wexner, MD², Brent Matthews¹, MD, B. Lauren Paton; Atrium Health¹, Cleveland Clinic Florida²

Implementation of Mentorship and Professionalism in Training (MAP-IT): A Professional Development Curriculum as a Tool to Address Burnout in Surgical Residents

Molly Kobritz, MD, Colleen Nofi, DO, Lyudmyla Demyan, MD, Vihias Patel, MD, Bilge Kalyon, MD; Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Understanding the Comprehensive Osteopathic Medical Licensing Examination (COMLEX): Which Osteopathic General Surgery Residency Applicants Will Score = 35th Percentile on The American Board of Surgery In-Training Exam (ABSITE)?

Soon Moon, DO¹, Caitlin Finelli, DO¹, Bhakti Chavan, Alyssa Pastorino, DO², Michael Elrod, DO³, Constance Cashen, DO, Rodolfo Canos, DO, Kristen Conrad-Schnet, DO¹; Cleveland Clinic South Pointe¹, OhioHealth Physician Group², Grandview Hospital and Medical Center³

Implementation of a semi-structured interview process targeting non-technical skills for surgical training

Andrea Parker, MD, Michael Mwachiro, MBChB, Jennifer Kirui, Heath Many, MD, Elizabeth Mwachiro, MBChB, Robert Parker, MD; Tenwek Hospital

Just Do It: Participation in Structured Online Curricula Reliably Improves Low ABSITE Scores

Samantha Tarras, MD, Michel White, MD, Katelyn Toloff, BS, Dana Cooley, C-TAGME, David Edelman, MD; Wayne State University

Practical Strategies for Underrepresented Minority Recruitment in General Surgery Residency

Britany Thompson, MD, Kendra Colbert, MD, Michael Nussbaum, MD, Charles Paget, MD; Carilion Clinic - VTCOSM

Using Electronic Health Record Meta-data to Identify Variation in Trainee Progress Note Writing Patterns: Opportunity to Enhance Systems-Based Care

Karen Trang, MD, Logan Pierce, MD, Elizabeth Wick, MD, Kenzo Hirose, MD; University of California San Francisco

How I Learned is How I Teach: The Realities of Informed Consent Education

Erin White, MD, Andrew Esposito, MD, Vadim Kurbatov, MD, Xujun Wang, PhD, Nathan Coppersmith, MD, Peter Yoo, MD; Yale University

Getting on the Same Page: The Impact of Interviewer Education and Structured Interviews on Interrater Agreement in Residency Interviews

Aimee Gardner, PhD^{1,2}, Paula Costa, PhD², Ross Willis, PhD³; Baylor College of Medicine¹, SurgWise², UT Health San Antonio³

9:30 am

APDS Panel Session IV: Pro/Con Debates

Moderators: Jeremy Lipman, MD, Cleveland Clinic, Cleveland, OH
Sasha Adams, MD, University of Texas Health Science Center at Houston, Houston, TX

Defining Operative Minimums: Volume-Based or EPAs?

In Favor of EPAs – Karen Brasel, MD, Oregon Health and Science University, Portland, OR

In Favor of Volume-Based Assessment – Mary Katherine Kimbrough, MD, University of Arkansas, Little Rock, AR

The Role of Standardized Curricula in General Surgery Residency: Guiding to Greatness versus Mandatory Mastery?

In Favor of Continued, Mandatory Use of FLS and FES Exams – E. Matthew Ritter, MD, National Capital Consortium, Bethesda, MD

Against Continued, Mandatory Use of FLS and FES Exams – Scott Kurtzman, MD, Quinnipiac University, Waterbury, CT

10:30 am

Break

10:45 am

APDS Panel Session V: Alphabet Soup: What's New in Surgical Education

Moderators: Douglas S. Smink, MD, MPH, Brigham & Women's Hospital, Boston, MA
Kyla P. Terhune, MD, MBA, FACS, Vanderbilt University, Nashville, TN

What's New at the American Board of Surgery – Joe Hines, MD, Los Angeles, CA

What's New at the American College of Surgeons - Ajit Sachdeva, MD, FACS, Chicago, IL

What's New at the Residency Review Committee – Pamela Lipsett, MD, Baltimore, MD

What's New at Electronic Residency Application Service – Richard Peng, Washington, DC

12:15 pm

APDS Meeting Adjourns

Wednesday, May 4th**ARAS**

- 7:00 am **ARAS Registration and New Administrators Breakfast**
- 8:00 am **ARAS Executive Committee Welcome**
Dorothy Dickinson, ARAS President, 2021-2022, HCA Healthcare, Nashville, TN
- 8:15 am **NAWS Keynote Address: Kyla Terhune, MD, MBA, FACS**
Associate Professor of Surgery, Vanderbilt School of Medicine
VP, Educational Affairs, ACGME/NRMP Designated Institutional Official, Vanderbilt University Medical Center
- 9:15 am **Break, NAWS Group Photo**
- 9:30 am **NAWS Ice Breaker**
Laura Huth, University of Pennsylvania, Philadelphia, PA
- 10:00 am **Match to the Future: Onboarding, Graduation, Orientation**
Kylene Smartis, MA, C-TAGME, Northeast Georgia Medical Center, Gainesville, GA
Sarah Kidd-Romero, C-TAGME, University of Maryland, Baltimore, MD
- 11:00 am **"Great Scott!" It's the ACGME – Program Requirements in Surgery**
Brianna Nickel, MA, C-TAGME, Indiana University, Indianapolis, IN
Hemali Shah, C-TAGME, PACE, University of Illinois, Chicago, IL
- 12:00 pm **Networking Luncheon**
- 1:30 pm **"This is Heavy" The American Board of Surgery**
Laura Huth, University of Pennsylvania, Philadelphia, PA
Hemali Shah, C-TAGME, PACE, University of Illinois, Chicago, IL
- 2:00 pm **Interview Season: Past Present, Future**
"Roads? Where we're going, we don't need roads."
Kate Kmeic, MHA, C-TAGME, Vanderbilt University Medical Center, Nashville, TN
Lisa Olson, MBA, Medical College of Wisconsin, Milwaukee, WI
- 3:00 pm **Resident Perspective – Building Relationships**
Jonathan Bernard, MD, PGY 3, Mark Ward, MD, PGY 3, General Surgery Residency, USA Health University Hospital, Mobile, AL
- 4:00 pm **NAWS QUIZZO Game**
Laura Huth, University of Pennsylvania, Philadelphia, PA
- 4:30 pm **Wrap Up and Q&A Session with ARAS Executive Committee**
Door Prizes, Wrap Up
Dorothy Dickinson, HCA Healthcare, Nashville, TN
- 6:00 pm **Joint Reception**

Thursday, May 5th**ARAS****7:00 am Breakfast and Registration**

- 7:45 am **Morning Announcements**
ARAS Executive Committee
- 8:00 am **Opening Remarks for ARAS 2022 meeting**
Douglas Smink, MD, MPH, APDS President 2021-2022, Brigham & Women's Hospital, Boston, MA
Dorothy Dickinson, ARAS President, 2021-2022, HCA Healthcare, Nashville, TN
- 8:15 am **ARAS 2022 Keynote Speaker**
Harnessing Power & Driving Change; Taking your training program into the future
Hanna Alemayehu, MD, Associate Program Director of General Surgery, Assistant Professor of Surgery and Pediatrics
USA Health University Hospital, Mobile, AL
- 9:15 am **TAGME Updates**
Linda Shaffer, C-TAGME, President, TAGME Board of Directors, West Virginia University, Morgantown, WV
- 9:30 am **Break**
- 9:45 am **Tools for Joy: Maintaining Inspiration Amidst Stress**
Sara Brown, University of Kentucky, Lexington, KY
- 10:15 am **Professional Development Session #1**
Introduction to EPAs
John Mellinger, MD, Vice President, American Board of Surgery, Philadelphia, PA
George Sarosi, MD, Program Director, University of Florida, Gainesville, FL
Brianna Nickel, MA, C-TAGME, Indiana University, Indianapolis, IN
- 11:15 am **Lunch**
- 12:30 pm **APDS Panel Session #1: Competency Based Education**
The Theory and Principles: The UME Experience
EPAs in the Assessment of Resident Performance
The Tools: Operative Assessment
The Implementation and Challenges of Competency-Based Education
- 1:45 pm **Break**
- 2:00 pm **MS Planner, Approaching your year like a project:**
Leveraging MS Planner to Manage Annual Tasks
Rachael Lefevre, C-TAGME, University of Texas – Southwestern, Dallas, TX
- 2:30 pm **Adjusting to our New Normal: Core Competency Days**
Gabrielle Grubman, MBA, C-TAGME, Zucker School of Medicine at Hofstra/Northwell North Shore Long Island, Queens, NY
- 3:00 pm **Break**
- 3:10 pm **APDS Panel Session #2: DEI Panel – Effective Mentoring Across Differences**
Mentorship Needs of Residents from Diverse Backgrounds
Effective Models of Mentorship in Surgical Training
Best Practices and Challenges of Mentorship Programs in Surgical Training
Practical Advice for the Program Director and Faculty

Thursday, May 5th**ARAS**

4:25 pm	Break
4:35 pm	It Can't Be This Easy: Gathering Patient Evaluation Rhonda Peavy, Creighton University, Omaha, NE
5:05 pm	2022 Program Administrator Award End of Day Announcements & Door Prize Dorothy Dickinson, ARAS President, 2021-2022, HCA Healthcare, Nashville, TN
5:30 pm	Adjourn
6:30 pm	ARAS Reception

Friday, May 6th**ARAS**

7:00 am	Breakfast and Registration
7:45 am	Morning Announcements ARAS Executive Committee
8:00 am	EQIP and SCORE Updates <i>EQIP</i> – Amit Joshi, MD and Kate Kmeic, MHA, C-TAGME <i>SCORE</i> – Amit Joshi, MD and Mark Hickey
9:00 am	Break
9:20 am	APDS Panel Session #3: Change Management: Matching Leadership Strategy to the Challenge The Start Up: How to Build Excellence from the Ground Up The Turnaround: Pulling Back from the Brink Changing Directions: Realigning the Mission Building on Success: Re-energizing and Growing an Already Successful Program The Alum: Handing Over the Reins to the Next PD
10:45 am	Break
10:45 am	APDS/ARAS Joint Session – Presidential Address Douglas Smink, MD, MPH, APDS President 2021-2022, Brigham & Women's Hospital, Boston, MA
12:00 pm	Lunch
1:15 pm	Professional Development Session #2 Resident Suicide: Our Experience Cindy Rudolph and Maggie Hamblen, University of Tennessee – Chattanooga, Chattanooga, TN
2:15 pm	ACGME & RRC Updates Chris Fox, PhD, Executive Director, ACGME, Milwaukee, WI
3:15 pm	Break
3:25 pm	APDS Keynote Speaker TJ Douglas, Founder & CEO, The Urban Grape
4:25 pm	Break
4:35 pm	American Board of Surgery Update Barbara Jalbert-Gerkens, ABS Exam Coordinator, Philadelphia, PA
6:00 pm	End of Day Announcements, Door Prize ARAS Executive Committee
6:10 pm	Adjourn

Saturday, May 7th**ARAS**

7:00 am	Breakfast
7:30 am	Morning Announcements ARAS Executive Committee
7:45 am	Professional Development #3 Administrator Journal Club Hemali Shah, C-TAGME, PACE, University of Illinois, Chicago, IL
8:45 am	ECFMG Tracy Wallowicz, Chief of Staff, Assistant Vice President, ECFMG, Philadelphia, PA
9:15 am	Break
9:30 am	Train the Brain: Advances Cognitive Simulations in Surgery James Hebert, MD and Stephanie Hermes, American Board of Surgery, Philadelphia, PA
10:00 am	Upcoming ARAS Events for the 2022-2023 Executive Committee ARAS Executive Committee
10:30 am	Bridging the Gap – Clerkship and Residency Cooperation Brienne Nickel, MA, C-TAGME, Indiana University, Indianapolis, IN Megan Rendina, Indiana University, Indianapolis, IN
11:00 am	Door Prize, Wrap Up Announcements, Meeting Adjourns Introduction of the 2022-2023 ARAS Executive Committee

ASE Digital Only Posters

These presentations will only be available online. The link to view these presentations will be available after April 15th.

Development of a Train the Trainers Course for Digital Effective Feedback in Healthcare Simulation Through a Remote and Asynchronous Learning Environment

Francisca Belmar, MD

Effect of Integrating a Short Health Economics Course into the Surgical Curriculum

Curtis R. Budden, MD, MEd

Endoscopically Dissecting a Grocery Store-Bought Chicken Wing: Does it Correlate with Laparoscopic Task Performance?

Nikita Desai, BA

Global Surgery Bootcamp: A Method for Global Surgery Education

Dominique M. Dockery, BA

Surgeon Gender Equity in the Perioperative Environment: A Survey-Based Assessment

Nicole H. Goldhaber, MD, MA

Difficult or High Risk? Objective Task Assessment vs. Faculty Perceptions of Surgical Skills

Anyia L. Greenberg, MBA

Ethnic Diversity Influences Applicant Perspectives of Plastic Surgery Residency Programs

Rachel A. Guest, MD

Shared Team Mental Models: Can You Observe Them in Low-Fidelity Simulation and Assess Them in VR?

Cullen Jackson, PhD

Design and Implementation of a Novel Surgery Clerkship Educational Day and Simulation Curriculum

Clare Jacobson, MA

Are There Variations In Medical Student Standardized Assessment Outcomes By Race?

Danielle A. Jean

Exploring Patient-Perceived Barriers and Stigmas to Seeking Healthcare for Urology vs. Non-Urology Patients

Tasha Posid, MA, PhD

Leadership Response During SARS-CoV-2 Pandemic: A Single-Center Experience Survey-Based Study

Ryan Lamm

Longitudinal Integrated Curriculums: Perceptions of Surgical Faculty and Residents

Helen J. Madsen, MD

Novel Educational System using Inefficiency Analysis Software for Minimally Invasive Surgery

Junichi Mazaki

Resident Attitudes Towards Research and Life: Baseline Survey of Residents Entering Dedicated Research Time

Quintin W.O. Myers, PhD

Diversity Deficiencies Among Medical School Deans — Comparison Between Surgeons and Non-Surgeons

Alejandro Chiodo Ortiz

Optimizing Implementation of a Novel 3-D Printed Model for Simulation of Renal Transplantation for General Surgery Residents

Itai Palmon, BS

Revitalizing the Robotic Surgery Curriculum for General Surgery Residents - One Year Follow Up

Amanda Phares

The Impact of a Medical Student Virtual-Reality Robotic Curriculum on Technical Performance and Attitudes Towards Surgery

Jacob J. Pozin

The General Surgery Applicant and COVID-19: How Virtual Interviews Impacted Rank Lists and the Match

Kristen M. Quinn, MD

Expanding Horizons: A Novel Health Equity Training Program in Global Surgery and Anesthesia

Emmanuel O. Bua

The High Five: A Novel Tool for Medical Student-Driven Feedback for Residents on Surgery Clerkships

Mary R. Shen, MD, MS

See None, Do Many: Repetitive Practice on a High-Fidelity Cadaveric Model Rapidly Improves Procedural Performance

Suhail Zeineddin, MD

MEETING REGISTRATION FORM
Surgical Education Week, May 3-7, 2022
Grand Hyatt San Antonio, Texas

Association for Surgical Education, Association of Program Directors in Surgery, and Association of Residency Administrators in Surgery

Checks and Registration Form can be mailed to:
 APDS
 6400 Goldsboro Road, Suite 200
 Bethesda, MD 20817

Name (Please Print)		Degree	Email Address (Please Print-Confirmations are emailed)
Institution		Current Role	Years in Current Role
Mailing Address			
City	State	Zip/Country	
Phone	Spouse/Guest Name (if attending meeting-see pricing below)		
Please select the pronouns you would like printed on your registration badge or if you prefer to not list pronouns. <input type="checkbox"/> he, him, his <input type="checkbox"/> she, her, hers <input type="checkbox"/> they, them, theirs <input type="checkbox"/> No pronouns please			
Check all that apply: <input type="checkbox"/> ASE Member <input type="checkbox"/> APDS Member <input type="checkbox"/> New PD <input type="checkbox"/> ARAS Member <input type="checkbox"/> Resident <input type="checkbox"/> Medical Student <input type="checkbox"/> APDS/ARAS Membership Application Pending			
<input type="checkbox"/> Non Member		(application must be submitted PRIOR to registering)	

REGISTRATION FEE AFTER APRIL 18, 2022: There will be a \$50.00 increase in the registration fee for ASE, APDS and SEW registrations processed after April 18, 2022

ASE Meeting - Tuesday - Thursday (concludes at 12:00pm)

	ASE Member Physician	Non-Member Physician	ASE Member Non-Physician	Non-Member Non-Physician	ASE Member Resident/Medical Student	Non-Member Resident/Medical Student	Spouse/ Accompanying Guest	Lower-Income-Countries/Low-Moderate-Income-Countries Member	Lower-Income-Countries/Low-Moderate-Income-Countries Non-Member
on or before 3/4/2022	\$590	\$960	\$480	\$670	\$135	\$185	\$185	\$80	\$120
after 3/4/2022	\$640	\$1010	\$530	\$720	\$185	\$235	\$185	\$130	\$170
After 4/18/2022	\$690	\$1060	\$580	\$770					

ASE Coordinator Track Program - MONDAY, MAY 2-THURSDAY, MAY 5 (includes ASE Annual Meeting)

	Member	Non-Member
on or before 3/4/2022	\$480	\$670
after 3/4/2022	\$530	\$720
After 4/18/2022	\$580	\$770

ASE PRE-MEETING COURSES - MONDAY, MAY 2

ASE Troubleshooting the Core Surgical Clerkship - 8:00AM-5:00PM		ASE Fundamentals of Teaching - 1:00PM-5:00PM		ASE Item Writing Introduction for Novices (1 WIN) - 1:00PM-5:00PM		
	Member	Non-Member	Member	Non-Member	Member	Non-Member
on or before 3/4/2022	\$215	\$215	\$110	\$110	\$110	\$110
after 3/4/2022	\$265	\$265	\$160	\$160	\$160	\$160

ASE Mentorship and Leadership for Surgeon Educators - 8:00AM-12:00PM		ASE Fundamentals of a Career in Surgical Education: Pathway to Clinician Educator - 8:00AM-12:00PM		
	Member	Non-Member	Member	Non-Member
on or before 3/4/2022	\$110	\$110	\$110	\$110
after 3/4/2022	\$160	\$160	\$160	\$160

Surgical Education Week Tuesday - Saturday ASE, APDS and ARAS Meetings

	Member	Non-Member	Resident/Medical Student	Spouse/Accompanying Guest
on or before 3/4/2022	\$775	\$1045	\$450	\$260
after 3/4/2022	\$825	\$1095	\$500	\$260
After 4/18/2022	\$875	\$1145	\$500	\$260

APDS New Program Directors Workshop - Wednesday - Thursday (concludes at 10:30 am)

What is your current position? (Please check all that apply) PD APD Fellowship Dir Dept Chair Prog Faculty Member Other (Please Specify)

The APDS has a Mentorship Program for any new surgery residency program directors within their first 2 years of service. The program is available for Associate Program Directors only if she/he will become a Program Director by September 2022. Are you interested in participating in the Mentorship Program? Yes, I'm interested No, I'm not interested

	Member	Non-Member
on or before 3/4/2022	\$500	\$500
after 3/4/2022	\$550	\$550

APDS Meeting - Thursday (12:00pm) - Saturday (concludes at 12:00pm)

	APDS Member	Non-Member	APDS Resident Member/ Medical Student	Spouse/Accompanying Guest
on or before 3/4/2022	\$590	\$960	\$135	\$185
after 3/4/2022	\$640	\$1010	\$185	\$185
After 4/18/2022	\$690	\$1060	APDS Membership Benefits contact apds@mindspring.com	

ARAS New Administrators Workshop - Wednesday (all day) - The Workshop is only for administrators that have been in a surgery residency less than 3 years \$100

ARAS Meeting - Thursday - Saturday (concludes at 12:00pm)

	ARAS Member	Non-Member	Resident/ Medical Student	Spouse/Accompanying Guest
on or before 3/4/2022	\$500	\$750	N/A	\$185
after 3/4/2022	\$550	\$800	N/A	\$185
After 4/18/2022	\$600	\$850	N/A	\$185

REGISTRATION FEE TOTAL FROM ABOVE

- ASE CANDLELIGHT SESSION, TUESDAY, May 3 - PLEASE CHECK: YES _____ NO _____ \$ _____
- ASE SOCIAL EVENT, TUESDAY, May 3 - \$70 EACH \$ _____
- ASE BREAKFAST, WEDNESDAY, May 4 (must be registered for ASE or SEW to attend) - PLEASE CHECK: YES _____ NO _____ \$ _____
- ASE "THINKING OUT OF THE BOX" LUNCH, WEDNESDAY, May 4 - \$25 each \$ _____
- ASE AWARDS BANQUET, WEDNESDAY, May 4 - (Fee for ASE meeting or SEW includes 1 ticket) PLEASE CHECK: YES _____ NO _____ \$ _____
- EXTRA TICKET FOR ASE BANQUET, WEDNESDAY, May 4 - \$125 each GUEST NAME: _____ \$ _____
- ASE BREAKFAST, THURSDAY, May 5 (must be registered for ASE or SEW to attend) - PLEASE CHECK: YES _____ NO _____ \$ _____
- JOINT APDS/ASE LUNCH, THURSDAY, May 5 - PLEASE CHECK: YES _____ NO _____ \$ _____
- APDS/ASE JOINT COMMUNITY OUTREACH PROGRAM, THURSDAY, MAY 5 - PLEASE CHECK: YES _____ NO _____ \$ _____
- APDS WINE TASTING, FRIDAY, MAY 6 (LIMITED SPACE AVAILABLE) - \$45 \$ _____
- *Registration form **MUST** be included with check / Credit Card Payments can be faxed to APDS (301)263-9025 or emailed apds@mindspring.com **TOTAL ENCLOSED** \$ _____

Payment Method	Credit Card # _____ Exp. Date _____
<input type="checkbox"/> American Express	Signature _____ Name on Card (please print) _____
<input type="checkbox"/> MasterCard/Visa	
Check made payable to: APDS	

CANCELLATION POLICY: 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 21, 2022**, a full refund will be given. A **50% refund** will be given if written notice is received by **MARCH 25, 2022**. No refunds will be issued if written notice is received after **MARCH 25, 2022**.

6400 Goldsboro Road, Suite 200
Bethesda, MD 20817

Surgical Education Week 2022
May 3-7, Grand Hyatt
San Antonio, Texas

**REGISTRATION FORM AND
COMPLETE PROGRAM
ENCLOSED**

Reserve Today!
Hotel deadline is
April 11th Sell-out
sooner is possible