



ASSOCIATION FOR SURGICAL EDUCATION FOUNDATION

Winter 2022

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Spotlighting our Members-at-Large



Nabil Issa, M.D.

How did you become involved in the ASE Foundation?

Deb DaRosa invited me to attend the 2009 meeting for the ASE in Salt Lake City! The warmth of the members, the exciting program, and the open structure of the committees made me stay and call ASE home! Years go by and I became aware of

the Foundation as a supportive entity to the Association, but it wasn't until Adnan Alseidi invited me to join the ASE Foundation in 2019 that I became aware of the enormous efforts and contributions that the Foundation does to support the ASE.

Please tell us about your favorite ASEF initiative.

Hands down that would be the reinvented CESERT Pyramid Grant structure. It went from funding one grant a year to more than 10 with plans to expand further to benefit the ASE membership.

What do you want our members to know about the ASE Foundation?

The ASE Foundation is a not-for-profit organization dedicated to providing sustainable financial and structural support to ASE and membership in their pursuit to advance scholarship and education innovations. The fundraising programs that the ASE Foundation launched are all dedicated to support the ASE and its membership. So, please do not shy away from donating whatever you can!

Sarah A. Jung, Ph.D.

How did you become involved in the ASE Foundation?

When I started working as a Ph.D. in surgical education in 2014, the ASE

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Would you like to see your
name listed in the next edition?

Please click on the link
to donate!

Thank you!

<https://www.surgicaleducation.com/your-donation/>

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Mohsen Shabahang, M.D.

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Amalia Cochran, M.D.

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Megan Miller, M.D.



quickly became a major part of my professional home, and I was fortunate to have the opportunity to chair the Surgical Education Research Committee. As I transitioned from that role, I was excited to be asked to join the leadership of the ASEF as a member-at-large and a member of both the CESERT Pyramid Grants review committee and the Dr. Debra DaRosa Scholarship committee. I'm happy that I am able to contribute to the efforts of the ASEF to support ASE members and initiatives.

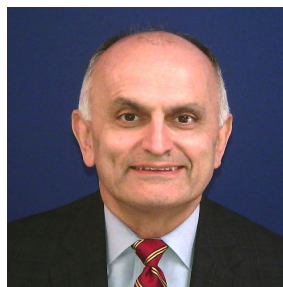
Please tell us about your favorite ASEF initiative.

There are so many great ASEF initiatives that it is difficult to just choose one that is my favorite! If I absolutely have to pick one, I will say the CESERT Pyramid Grants, specifically the \$500 Gold-level grants (up to 10 awarded every year!). These grants are a great opportunity for surgical education researchers, particularly those early in their careers, to apply for support for a pilot project and to begin to establish a track record of funding.

What do you want our members to know about the ASE Foundation?

The ASEF truly exists to support the development of ASE members. This includes funding research, professional development opportunities, and speakers doing innovative work to help drive surgical education forward. It's inspiring how much the ASEF board members care about the work that they do.

Message from our ASE Foundation President, Mohsen Shabahang, M.D.



Dear ASE Members and Supporters of
the ASEF,

As we near the end of 2022, we are optimistic about the future of the ASE Foundation. This is due to the generosity of our membership and the work that you each are doing toward the

mission of the ASEF. As we have defined consistently, the main objectives of this Foundation are to support educational scholarship and build an endowment that can increasingly secure and support that mission. We have been able to move progressively in that direction. In the past year, we increased the fundraising for the Foundation through membership. We were able to begin raising funds from industry, something that we had not been able to secure prior to this year. We increased the amount of support we gave to educational scholarship exceeding \$75,000. And we are near completion of raising the funds for the DaRosa Scholarship Endowment to support the pursuits of a surgical educator. Finally, we believe the ASEF has more recognition among the membership with a more precise

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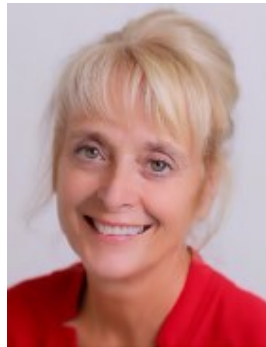
ASEF Educational Grants Committee Chair
Roy Phitayakorn, M.D.

Member Fundraising Chair
Nabil Issa, M.D.

ASE SERF Representative
Emil Petrusa, Ph.D.

mission. We appreciate our donors, Board, and Executive Committee who tirelessly work toward supporting educational scholarship. On behalf of the ASEF leadership, I wish you a very Happy Holiday Season and a Happy 2023.

Thank you,
Mohsen Shabahang, M.D.



Dr. Debra DaRosa Career Development Scholarship Campaign

We are delighted to announce that we are at **95%** to our initial fundraising goal for the Deb DaRosa Career Development Scholarship. When this scholarship is fully endowed, it will be awarded annually to help defray the costs of participation in a formal course of study for a developing surgical educator- anything from SERF to Surgeons as Educators to graduate school tuition.

YOU can help us reach our goal before the end of the year!
Please take a minute and click the link below to donate.

Thank you!

<https://www.surgicaleducation.com/your-donation/>

Thank you to the Dr. Debra DaRosa President's Club Donors!

(\$1,001 and above)
Richard Bell, Jr., M.D.
Christopher Brandt, M.D. and Beth Sersig, M.D.
Kimberly Brown, M.D.
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Julia Corcoran, M.D.
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Sheila and Jay Zwischenberger, M.D.

2022 & 2023 CESERT PYRAMID GRANTS

With your generous support, the ASEF funded 13 surgical education research grants in 2022, ranging from \$500-\$25,000. We are thrilled to share updates from some of our research teams!

(Please click on the graphics below to view a larger version.)

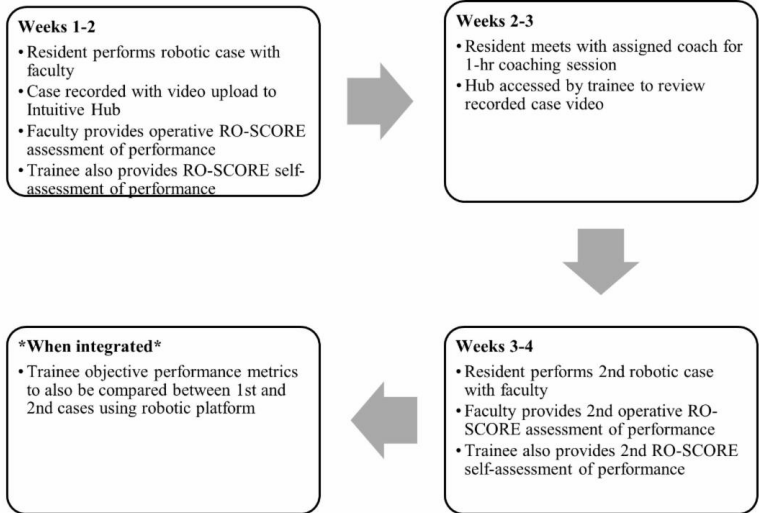
Giant Robot (\$25,000) Sponsored by Intuitive

SuPR: A Novel Video-Based Coaching Tool for Robotic Surgery
Julie M. Clanahan, M.D. and Michael M. Awad, MD, PhD, FACS
Washington University School of Medicine

Our project aims to examine the effect of a structured video-based surgical coaching program on both robotic technical skill development of surgery trainees as well as the delivery of operative feedback for trainees.

Coaching as a strategy for continuous professional development is growing in popularity with evidence to support performance improvement when used amongst peer surgeons. Evidence is needed to determine if coaching methods promote similar performance improvements when used with surgical trainees, particularly when applied around evolving technology such as robotic surgery. The results of our research may provide support that is needed for more widespread implementation of coaching programs across surgical residencies.

Workflow for 1-month resident rotations:



Diamond (\$2,500)

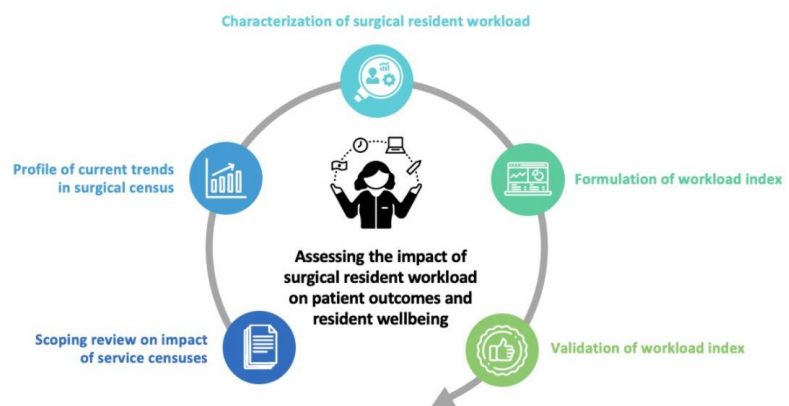
How much is too much? Assessing the impact of surgical resident workload on patient outcomes and resident wellbeing

Stephanie Nitzschke, M.D. and Christine Wu, M.D.

Brigham and Women's Hospital

Our project seeks to characterize surgical resident workload and explore its role in patient- and resident-related outcomes. Our CESERT grant has allowed us to begin data collection and statistical analysis. Without funding from the ASE Foundation, we would not be able to carry out the multifaceted components of our project. Our grant-supported research has the potential to transform surgical education by conceptualizing a more comprehensive framework of surgical resident workload to optimize patient safety and resident wellbeing.

Overview of our project on surgical resident workload:



Diamond (\$2,500)

Trainee autonomy and the impact on patient outcomes for emergency gastrointestinal surgery

Robert K. Parker, M.D.

Tenwek Hospital, Brown University

We are evaluating the impact of trainee operative autonomy on

patient outcomes during emergency gastrointestinal surgery in Kenya.

The CESERT grant has allowed us to perform an extensive and time-consuming chart review to determine trainee autonomy and patient outcomes. We would not be able to dedicate the time, personnel, and resources to this project without the ASE Foundation's grant. We believe that our research will impact not only our hospital and region, but will contribute to the wider conversation about operative autonomy within surgical education.

Part of the research team at Tenwek Hospital with Dr. Kemunto Otoki and Dr. Kimutai Sylvester:



Gold Grant (\$500)

A Pilot Simulation-Based Leadership Development Program

Amy Halverson, M.D.

Northwestern University, Feinberg School of Medicine

This project aims to create a pilot leadership development program for academic development/research residents through a targeted needs-based assessment followed by implementation of an interactive, effective curriculum.

The grant allows us to host speakers and create simulations in the curriculum that would not be possible without the funding. We also used the funding for transcription of qualitative data that has allowed us to complete the initial needs assessment portion of the project.

Our grant-funded work will provide experience in implementing a resident-driven sustainable leadership development program. While not entirely generalizable, programs across the country are beginning to recognize the value of leadership training and development during residency. This work will share a pilot simulation-based leadership curriculum that can be potentially modeled by other programs.

Aim 1: "Perform a targeted needs assessment and identify barriers to implementation of a leadership development program amongst general surgery residents"



Focus Group Findings

1. Learnings through prior experiences with variable formal training
2. Evolution of leadership self-awareness and motivation are driven by changing resident responsibilities
3. Transition periods may be critical opportunities for leadership training

Aim 2: "Create a pilot longitudinal leadership development curriculum for residents utilizing simulation-based training"



Do you have a great idea for research in surgical education? Our 2023 grant application cycle opened November 1, 2022 and the submission deadline is February 1, 2023. Proposals that focus on the theme of virtual (either synchronous or asynchronous) instruction or assessment topics will receive special priority. A special THANK YOU to Intuitive for again sponsoring 2 Giant Robot Grants for \$25,000 each, and to Surgical Science for sponsoring a Diamond level grant! Please see <https://www.surgicaleducation.com/cesert-pyramid-grant-application/> for more information and to submit your proposal today.

**Your support helps fund our grants
for ASE Members:**
<https://www.surgicaleducation.com/your-donation/>

INTUITIVE™

We would like to extend a special
THANK YOU
to Dr. Myriam Curet and Intuitive
for their support of our CESERT Pyramid Grant program
and funding two robotic surgery research grants
for 2023!

surgicalscience

Thank you to
Surgical Science – Simbionix Simulators
for sponsoring a 2023 CESERT Pyramid Diamond Grant!

Call for Donations

The ASE Foundation needs **YOUR** help to dream big and support the future of surgical education. Did you know that 2021-22 was our most successful fundraising year to date? We can't wait to surpass that and reach new goals as we award 15 CESERT grants in 2023 and look forward to supporting the inaugural Dr. Debra DaRosa Scholarship in 2024.

We are especially excited about 3 opportunities to contribute this year:

1. The 50/50 Option: Your donation will be applied to both the ASE Foundation: Building for the Future and the Dr. Debra DaRosa Career Development Scholarship Campaign. A great way to support both ASEF initiatives!
2. Building on last year's success, the ASE has again this year generously pledged to match ASEF donations up to \$25,000. Your contribution will go twice as far when you donate today!
3. What a better way to thank your surgical education mentor than to make a donation in their name? They will be added to our wall of honorees here and on our website, and receive a special note of recognition from the ASE Foundation.

We also have 3 options to donate: a one-time gift, monthly, or an annual pledge. All contributions are tax deductible and a fantastic way to bring 2022 to an end!

<https://www.surgicaleducation.com/your-donation/>

It's Easy!

Our donation page has several options: a one-time contribution, monthly, or a 3-year pledge. Did you know that the ASE was founded in 1980? If a large donation is not in your budget, please consider a \$19.80 monthly donation. **With the pledge of the \$25,000 matching funds from ASE, Your donation is especially meaningful this year.** Please consider giving a donation of \$500 or more to allow us to receive the full benefit of this matching opportunity. <https://www.surgicaleducation.com/your-donation/>

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SAVE THE DATE!



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We hope to see you there!

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