



ASSOCIATION FOR SURGICAL EDUCATION

Ethicon Endo-Surgery Surgical Education Research Fellowship

OBJECTIVES

The Surgical Education Research Fellowship (SERF) program is designed to equip individuals with the skills and knowledge needed to plan, implement, and report educational research studies.

Upon completion of the program, fellows are able to:

- Methodically and thoroughly access and review the education literature
- Formulate original and significant research questions
- Design an educational research project using appropriate methodologies
- Manage a surgical education research project
- Organize presentation of completed educational research projects for peer-reviewed academic publications and/or conferences
- Develop a network of surgical education research colleagues

WHO SHOULD APPLY?

Members of the Association for Surgical Education who are interested in pursuing educational research.

APPLICATION PROCESS & COST

Applicants must complete the SERF application form (<https://surgicaleducation.com/serf-application-form>) and submit it with required attachments by January 13, 2020. Tuition is \$2,500.00.

For more information about current fellows, graduates and their projects, please visit the ASE website: www.surgicaleducation.com

FELLOWSHIP REQUIREMENTS

1. Attend four sessions:

Session #1:

Thursday, April 30, 2020
8:00-5:00 PM
ASE Annual Meeting
Westin Seattle
Seattle, WA

Session #2:

Friday, May 1, 2020
8:00-12:00 PM
ASE Annual Meeting
Westin Seattle
Seattle, WA

Session #3:

Sunday, October 4, 2020
8:00-4:30 PM
ACS Clinical Congress
Chicago, IL

Session #4:

Friday, April 30, 2021
1:00-5:30 PM
SERF Forum during 2021 ASE
Annual Meeting
Westin Copley Place
Boston, MA

2. Complete a research proposal and research project, with guidance and support from an assigned advisor.
3. Submit an abstract or paper, (either co-authored or approved by advisor) to a peer-reviewed forum or journal.
4. Present research progress report at the SERF Forum April 30, 2021. 1:00-5:30 PM ASE Annual Meeting, Westin Copely Place, Boston, MA
5. Workshop attendance and presentation at SERF Forum. Research projects must be completed within three years of the program start date.

APPLICATION

Course Tuition: \$2,500
Travel and Lodging not included.

Letters of notification regarding course acceptance will be emailed by February 3, 2020.

To apply, please visit our website at surgicaleducation.com and hover over 'AWARDS AND PROGRAMS' and select SERF from the dropdown menu.

Applicants must complete the online SERF Application Form and submit it with required attachments by January 13, 2020.

Association for Surgical Education

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www.surgicaleducation.com

APPLY ONLINE AT

<https://surgicaleducation.com>

FACULTY

MAURA SULLIVAN, MSN, PhD

*SERF Program Director
Professor of Clinical Surgery
Associate Dean for Simulation Education
University of Southern California*

Dr. Maura Sullivan is the Associate Dean of Simulation Education for Health Sciences and the Executive Director of the Surgical Skills Simulation and Education Center in the Department of Surgery, Keck School of Medicine at the University of Southern California. She has a joint appointment with the Rossier School of Education where she is a Professor of Education and a Senior Research Associate in the Center for Cognitive Technology.

Dr. Sullivan earned a Master of Science in Nursing from the University of California, San Francisco in 1993 and her PhD in Educational Psychology from the University of Southern California in 2004. Her research and academic interests include Cognitive-Task-Analysis, curriculum and faculty development, and the development of expertise and technical skills training. She has been actively involved in the ASE since 1998 where she is a member of the Board of Directors and a member of the grants review committee, Center for Excellence in Surgical Education, Research and Training (CESERT). She holds an appointment with the American College of Surgeons as an ATLS Educator, is the Co-Editor-In Chief for the Resources in Surgical Education peer review online journal, is a member of the leadership team for the development of an online assessment tool to measure readiness on incoming PGY 1 residents to assume clinical duties and is a Co-Director for the Surgeons As Educators Course. In addition, she is a faculty member for the Association of Professors of Obstetrics and Gynecology (APGO) Academic Scholars and Leaders Program.

DAVID ROGERS, MD, MHPE, FACS, FAAP

*SERF Program Co-Director
Professor of Surgery, Medical Education and Pediatrics
Senior Associate Dean
University of Alabama at Birmingham School of Medicine
UAB Medicine Chief Wellness Officer.*

Dr. David A. Rogers is a professor in the Departments of Surgery, with secondary appointments in the Departments of Medical Education and Pediatrics and an adjunct appointment in the Collat School of Business. He has served as the Senior Associate Dean of Faculty Affairs and Professional Development at the School of Medicine since 2012 and in this role serves as the co-director of the UAB Healthcare Leadership Academy. He was named the UAB Medicine Chief Wellness Officer and was appointed to the ProAssurance Chair of Physician Wellness in 2018.

Dr. Rogers received his medical degree from the University of South Florida and completed his general surgery training at the Medical College of Georgia. He subsequently completed his pediatric general surgery training at the University of Tennessee and a pediatric surgery oncology fellowship at St. Jude Children's Research Hospital. He received a Master of Health Professions Education degree (MHPE) from the University of Illinois at Chicago and completed the Surgical Education Research Fellowship program sponsored by the Association for Surgical Education.

Before he began his administrative leadership roles, Dr. Rogers led an active research program in surgical education and served as a surgery clerkship director. He continues to be involved in surgical education by serving as a faculty member of the American College of Surgeons As Educators Course and is the Course Chair of the American College of Surgeons Residents as Teachers and Leaders program. A recipient of numerous departmental and institutional teaching awards, Dr. Rogers is a 2012 recipient of an Association for Surgical Education Distinguished Educator Award

REBECCA HENRY, PhD

*Professor of Medical Education Emeritus
College of Human Medicine
Michigan State University*

Dr. Rebecca Henry received her Ph.D. from Michigan State University in educational psychology, majoring in Learning and Cognition with a minor in Statistics and Research Design. She has conducted national program evaluations in health professions education funded by the W.K. Kellogg Foundation and consulted on program evaluations sponsored by the National Institute on Drug Abuse, Macy Foundation, Hartford Foundation and the Secret Service. Dr. Henry currently directs a performance based assessment initiative that is a comprehensive clinical skills exam for third year medical students. She has been actively involved in teaching research skills to physician faculty from surgery, medicine, pediatrics, obstetrics and gynecology for 20 years.

FACULTY

ARGHAVAN SALLES, MD, PhD

Stanford University

Dr. Arghavan Salles is a Scholar in Residence at Stanford University. Her interest in education goes back to her youth when she frequently engaged in tutoring and teaching activities. When Dr. Salles was in medical school, she became interested in medical education. In particular, she was concerned about the disconnect between the expertise amongst those in schools of education and those who are responsible for medical education. She ultimately pursued a PhD in Education during her residency. During this time she became fascinated by social psychology and in particular the ways in which negative stereotypes can affect people's performance. Her current research agenda focuses on gender stereotypes and bias, gender equity, and physician well-being.

Dr. Salles has been a long-time member of the Association for Surgical Education (ASE) and has previously completed a Surgical Education Research Fellowship (SERF). She continues to be involved in SERF by mentoring fellows. She is the current co-Chair of the Surgical Education Research Group within ASE.

EMIL PETRUSA, PhD

Massachusetts General Hospital

Dr. Emil Petrusa began working in medical education while in graduate school earning a PhD in educational psychology. From that experience with the physician's assistant program he began a career of educational innovation, improvement and scholarship at the University of Texas Medical Branch, Duke University School of Medicine, Vanderbilt University School of Medicine and now with the Department of Surgery and Learning lab at the Massachusetts General Hospital (MGH) in Boston. His areas of expertise include simulation-based assessment of healthcare providers' clinical performance and educational research. At MGH his job shifted to supporting surgical and medical educators to innovate in ways to allow their projects to be worthy of publication. The range of published topics has ranged from emotional intelligence, to assessing operative autonomy of surgical residents, to a competency-based training model for fundamentals of endoscopic surgery. Dr. Petrusa mentored 3 SERFers. He is completing a two-year chair of the Assessment & Evaluation Committee of the Association for Surgical Education (ASE).

MICHAEL KIM, MD

University of Alberta

Dr. Michael Kim is a faculty member in the Departments of Surgery and Critical Care Medicine at the University of Alberta. He completed a Master of Arts in Springfield, IL while a Surgical Education research fellow at Southern Illinois University. His current research focus is the completion of a PhD at the University of Toronto studying assessment of residents in difficulty. Michael's interests are in workplace based assessment and feedback. He has served as Chair of the Education Research Committee and is the upcoming Chair of the Assessment and Evaluation Committee for the Association for Surgical Education.