



EMORY
UNIVERSITY
SCHOOL OF
MEDICINE

Medical Simulation Residency Track

Track Director: Sharon Muret-Wagstaff, PhD, MPA smuretw@emory.edu

Goals, Objectives, & Outcome

Goals: This **12-month track** will support residents to gain the knowledge, skills, and methods necessary to: (a) participate in simulation-based medical education and research; and (b) launch a scholarly career trajectory toward leadership in simulation-based approaches that improve learning, quality of care, patient safety, and clinical outcomes.

Objectives: Upon completion of this track, residents will be able to:

1. Critique several key publications regarding one area of concentration in medical simulation
2. Create and use models, materials, and equipment to support simulation-based teaching
3. Use a systematic process to plan, teach, and assess a simulation-based education session

Outcome: Upon completion of the track, residents will be awarded a certificate of distinction in Medical Simulation from Emory University School of Medicine.

Components:

- **Core Curriculum**
 - Simulation Methods and Research [Monthly Small Groups, 2nd Mondays, 4-5 PM]
 - Comparative analysis site visits to medical simulation centers
 - Hands-on simulation practicum comprising one-half day per week during one month
- **Experiential Learning**
 - Assist in creating innovative materials and using task trainers, mannequins, and technological methods such as virtual and augmented reality to teach medical tasks and procedural skills
 - Participate in the design, facilitation, debriefing, and performance assessment of learners in novel, immersive, high fidelity simulation scenarios including those supporting interprofessional education and collaborative practice
 - Conduct an analysis of one aspect of simulation program management
- **Capstone Innovation Project**
 - Design, implement, and assess an innovative simulation-based educational offering
 - Present a poster at Emory Medical Education Day, Emory Quality Conference, or a similar academic meeting
 - Optional: Submit a poster or podium presentation to a national conference or write a mentored, peer-reviewed paper on medical simulation
- **Mentorship**
 - Simulation faculty coach and Department-specific faculty advisor

Track Requirements:

- Competitive Application: Personal Statement, Program Director Letter of Support (including Program commitment to one month during the academic year when the trainee will spend one-half day per week in a hands-on practicum in the Excel Simulation Center located in the Emory University School of Medicine), and Interview
- 80% monthly Discussion Group series attendance
- Completion of a mentored Capstone Innovation Project

Eligibility & General Requirements

- **Eligibility:** Application to the Medical Simulation Residency Track is open to all rising PGY2 or higher Residents/Fellows in good standing with their graduate medical education training program.
 - Residents and fellows apply to the Track by March 15 prior to the academic year of entry into the Track, and complete the Track during one academic year.
 - A limited number of residents and fellows will be selected based on a competitive application process as noted above.
- **General Requirements:**
 - Residents/Fellows must remain in good standing with the residency/fellowship program.
 - Residents/Fellows must maintain regular attendance at monthly Group Discussions.
 - Residents/Fellows must complete and present a mentored Capstone Innovation Project.
 - Residents/Fellows must adhere to Emory residency work-hour policies.

Application Process

The application must include the following components:

- A **personal statement** describing why you would like to participate in the Track, your interest in simulation-based learning and research, and your expected goals and outcomes. The personal statement must be limited to no more than one page.
- A **letter of support** from the **Program Director** indicating support for participation in the Track as described above.
- Applicants also will be expected to attend **an interview**.

Please submit your application to Dr. Sharon Muret-Wagstaff at smuret@emory.edu no later than March 15 for consideration in the cohort starting in July.