

Director of Simulation – Department of Emergency Medicine

Job Description

The Department of Emergency Medicine is seeking a dynamic, innovative faculty member to lead our simulation program. We are seeking an individual with outstanding simulation skills and proven organizational abilities who wants to drive the program to the next level. The overall goals for this position are to enhance and support the emergency department's vision of creating the future of emergency care. The ideal candidate will be involved in creating a vision for use of simulation to further the department's strategic goals and vision.

Responsibilities

Administrative

- Develop and maintain an annual budget for departmental simulation activities.
- Coordinate scheduling of departmental simulation activities with the Clinical Simulation Center and other organizations.
- Maintain accurate records and produce an annual report on all departmental simulation activities and expenses.
- Maintain a relationship with the Director of Anatomical Donations Services for procurement of cadaveric tissue for procedural skills laboratories.
- Develop relationships with medical and simulation equipment suppliers to gain their support for supplying goods and services for medical training.

Clinical/Operations

- Develop and maintain working relationships with the staff and Directors of the University of Michigan Clinical Simulation Center.
- Represent the Department of Emergency Medicine as a member of the Clinical Simulation Center Steering Committee.

Departmental Simulation-Based Educational Activities

- Oversee and support the development of course curricula in accordance with current training standards for all levels of trainees. This will be accomplished collaboratively with appropriate departmental leadership:
 - Residents – Program Director and Associate Chair for Education
 - Medical Students – Clerkship Director and Associate Chair for Education
 - Fellows – Fellowship Directors and Associate Chair for Education
 - Nursing – Director of Nursing
 - Interdisciplinary Simulation team training – Directors of Departments/Services that interact with ED including but not limited to Surgical Services and Critical Care
 - Faculty - Associate Chair for Education and Department Chair
- Support the expansion of departmental simulation-based activities as deemed appropriate and necessary by departmental leaders.
- Assist in the development of special simulation-based projects (e.g., disaster drills, multi-disciplinary training, introduction of new technology or equipment).

- Collaborate with faculty and staff throughout the UM medical community on simulation-based activities.
- Actively participate in engaging multidisciplinary trainees/learners in the application of newer and advanced technologies such as mixed/augment/virtual reality to train, educate as well as assist in conducting research in this realm.
- Provide leadership for the development of simulation activities for regional fellow's conferences in which we are hosting.

Faculty Development

- Develop and implement simulation instructor training for faculty and residents.
- Maintain a core group of simulation faculty within the Department of Emergency Medicine.
- Oversee programs for development and maintenance of faculty procedural skills.

Research

- Design appropriate methods for evaluating the efficacy of departmental simulation-based training activities and maintain on-going data collection on the efficacy of simulation-based training activities.
- Solicit and regularly review feedback on departmental simulation-based activities.
- Support the development and writing of grants to support research related to simulation-based activities.
- Consult on resident and faculty simulation scholarship.

Reporting Structure

Reports to the Associate Chair of Education of the Department of Emergency Medicine.

Compensation/Benefits: We offer competitive salaries and an excellent fringe benefit package.

Why Michigan?

Core Values: The mission of our department is to create the future of emergency care. We pursue this mission through advanced clinical practice, cutting edge research, innovative education, and service to the health system, community, and our global partners.

Diversity, equity, and inclusion: The Department of Emergency Medicine is committed to creating an environment that is welcoming to all. We value the unique contributions of individuals, and support a culture of inclusivity among our employees, learners, and larger community. This includes supporting the development of a diverse workforce across identities such as the race, ethnicity, national origin, sexual orientation, gender identity, age, citizenship, marital status, religion, language, disability, and Veteran status.

Institution: Michigan Medicine includes the University of Michigan Medical School, Hospitals and Health Centers, and School of Nursing- all highly ranked with state-of-the-art resources. Close proximity to the University's world-renowned schools of Public Health, Engineering and Business also offers unique opportunities for collaboration. The University of Michigan is the top public university in research spending in the United States, and the University of Michigan Medical School is Ranked #15 in nation for research based on USNWR.

Patient Care: Every year, we treat more than 210,000 patients in our [University Hospital](#), [C.S. Mott Children's Hospital](#), [Hurley Medical Center](#), and [Ann Arbor VA](#) Emergency Departments. The [Emergency Critical Care Center](#) (EC3), is one of the nation's first ED-integrated ICUs providing state-of-the-art critical care in the ED setting.

Education: We conduct our four-year emergency medicine residency in partnership with [St. Joseph Mercy Hospital](#), Ann Arbor and Hurley Medical Center, Flint. We emphasize clinical excellence and premier preparation for careers in academic medicine. Our pediatric emergency medicine division and fellowship is based in the C.S. Mott Children's Hospital. Emergency Medicine is a required clinical clerkship at the University of Michigan Medical School.

Research: The U-M Department of Emergency Medicine is currently ranked #2 in National Institutes of Health funding and continues to receive significant funding from other federal agencies, foundations, industry, and philanthropy. We have a robust infrastructure to support a wide variety of research endeavors including basic sciences (small and large animal research facilities), genomics, metabolomics, clinical trials, health services research, big data analytics, and education. There is also a strong emphasis on innovation and entrepreneurship. Notable research programs include: The [U-M Injury Prevention Center](#), the [Max Harry Weil Institute for Critical Care Research and Innovation](#), the Strategies to Innovate Emergency Care Clinical Trials Network ([SIREN](#)) Clinical Coordinating Center, Michigan Emergency Department Improvement Collaborative ([MEDIC](#)), Acute Care Research Unit ([ACRU](#)), Michigan Resuscitation Innovation and Science Enterprise ([M-RISE](#)), NIH [StrokeNet](#), Prevention and Early Treatment of Acute Lung Injury ([PETAL](#)) Network, Pediatric Emergency Care Applied Research Network ([PECARN](#)) and the newly formed first global emergency research and education network; Emergency Medicine Education and Research by Global Experts ([EMERGE network](#)).

INTERESTED CANDIDATES: Please send a one-page letter of interest and Curriculum Vitae (CV) to Prashant Mahajan and Lori Blough (loribl@med.umich.edu). If you have any questions regarding the status of your application, please direct them to Lori Blough.

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