

**University of Alabama at Birmingham**

**Department of Surgery**

**Director of Surgical Simulation and Education**

**Position Summary:** The University of Alabama at Birmingham (UAB) invites applications for the Director of Research in Surgical Simulation-Based Education. This newly funded position (1.0 FTE) is intended to foster research excellence and productivity innovation in simulation-based education. This position is intended for an exceptional emerging scholar or established mid-career education researcher looking for an opportunity to build and lead a scholarly program in simulation-based health professions education research. The candidate will play a leadership role in the advancement of education research in simulation-based health professions education within the Office of Interprofessional Simulation for Innovative Clinical Practice. The appointment will be at the Assistant/Associate/Full Professor level depending upon academic achievement. The candidate will be charged to develop an extramurally-funded Surgical Simulation and Education program within the Department of Surgery.

**Key Roles and Responsibilities:**

1. **Leader in Surgical Simulation Education.**
2. Develop and lead a committee consisting of representatives from each of the Divisions in the Department of Surgery to align the educational needs, plan, and implement a unified, innovative, and scholarly approach to surgical simulation training.
3. Work closely with the Assistant Dean for Clinical Simulation in development of surgical simulation educational training for residents and medical students.
4. In partnership with the Program Directors for each of the departmental residency programs and Surgery Clerkship Director; develop, implement, and improve surgical clerkship (UME) and surgical residency (GME) simulation curricula designed to meet milestone and accreditation standards.
5. Develop and implement Continuing Medical Education (CME) courses, educational research activities, and faculty development programs with respect to surgical simulation education for all divisions.
6. Oversee the development and implementation plan to become a FLS and FES testing site, as well as earn ACS AEI status.
7. Collaborate with faculty/staff to plan, implement, analyze and report on simulation training related to the surgical specialties.
8. **Research in Simulation Education**
   1. Assess and improve upon current research efforts in simulation-based education, and develop a more effective structure for simulation-based education research.
   2. Evaluate, adapt, and design measurement instruments for educational research including methods to ensure reliability and validity.
   3. Utilize Department of Surgery or UAB resources to perform data analysis for projects.
   4. Participate in and facilitate the presentation of research findings in national and international scholarly forums.
   5. Author/Co-author peer reviewed publications.
   6. Develop and write research proposals for extramural funding.
   7. Participate in the various activities that further the research activities of the Office of Interprofessional Simulation for Innovative Clinical Practice, i.e. journal clubs, visiting professor programs.
   8. Serve in a consulting role to medical school committees regarding educational measurement.
   9. Lead the development and planning of optimal assessment and research strategies for individual and team training as it pertains to surgical education.
   10. Mentor UAB faculty staff, and trainees in surgical simulation curriculum design and research.
9. **Qualifications**
   1. PhD or equivalent in a discipline relevant to health professions education research.
   2. Academic accomplishments sufficient to warrant appointment at the rank of Assistant Professor or above.
   3. Demonstrated expertise in education research design and analysis.
   4. A strong record of publication in the fields of health professions education and/or social sciences
   5. Commitment to ethical and legal obligations in education research in health care education.

Please send applications to:

University of Alabama at Birmingham

Department of Surgery, Attn: Herb Chen, M.D., Chair

Birmingham, Alabama 35233

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of, race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans.

A pre-employment background investigation is performed on candidates selected for employment. In addition, physicians and other clinical faculty candidates, who will be employed by the University of Alabama Health Services Foundation (UAHSF) or other UAB Medicine entities, must successfully complete a pre-employment drug and nicotine screen to be hired.