

Fellowship Curriculum

The goal of the two-year, SAEM-certified Research Fellowship is to develop trainees into high quality, independently-funded researchers. We leverage extensive departmental and institutional resources to develop the critical skills you need to succeed.

We provide a combination of advanced degree training, didactic and experiential learning, and focused mentorship, for you to develop and refine the knowledge, skills, and attitudes required, as well as develop the necessary skills to transition from fellow to academic faculty.

The following are the main curricular areas that you will complete during the program either through the formal MS degree program or our seminars, conferences, and workshops:

- Ethics / Professional Integrity
- Biostatistics
- Epidemiology
- Hypothesis Generation
- Research Design
- Design of Clinical Trials
- Data Collection Methods
- Data Monitoring/Interim Analysis
- Research Presentation
- Manuscript Preparation, Submission and Revision
- Practical Skills in Grant Writing
- Project Management
- Informatics
- Teaching Skills
- Career Development

Application Process

We strongly encourage you to discuss your interest in the program with the Fellowship Director prior to applying.

To apply, send a letter of interest, a current curriculum vitae, and three letters of recommendation to the attention of the Fellowship Director at the address below.

We accept Fellows on a rolling basis.



For More Information Please Contact:

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Emergency Medicine Research Fellowship Director,
and
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Please visit our website

www.urmc.rochester.edu/emergency-medicine/research/

Fellowship in Emergency Medicine Research



Project Management

Informatics

Career Development

Grant Writing

Biostatistics

Research Design

Education

The Research Fellowship Program leverages extensive educational opportunities throughout the University and particularly the Clinical and Translational Science Institute (CTSI) to achieve identified core competencies.

The educational curriculum includes:

- Completion of a MS in Clinical Investigation or Translational Research
- Participation in weekly Departmental research seminars and conferences
- Completion of selected CTSI workshops & seminars
- Participation in selected CTSI conferences
- Successful completion of a mentored research project / thesis
- Completion of the leadership, career development, and mentorship curriculum.

The educational requirements and opportunities will be tailored for each Fellow based on her/his interests, needs, and experience.

Clinical Responsibilities

The University of Rochester Medical Center (URMC) is a Level 1 trauma center and tertiary care regional referral center with an EM residency program and multiple fellowship programs. Multiple community sites also exist. The Fellow will work no more than 12 clinical hours per

Mentorship

Mentorship is critical to the Fellow's development and a critical focus of the program. In addition to the Program Director, each Fellow will have a Mentorship Committee to provide content, methods, and career development expertise. These individuals will be drawn from the University of Rochester or other local institutions and industry.

The Mentorship Committee will meet with the Fellow regularly and guide the Fellow through the program, assist in resolving challenges, and evaluate and track the Fellow's progress.

EM mentors available include Drs. David Adler, Jeff Bazarian, Ken Conner, Jeremy Cushman, Flavia Nobay, Courtney Jones, and Beau Abar, among others. Numerous nationally recognized non-EM faculty have already served on Mentorship Committees, including Drs. Yeates Conwell, Jim Dolan, Bruce Freidman, and Nancy Chin.



Research

The first project is usually retrospective in nature, using previously collected data. It will introduce the research process, develop data analysis skills, and also develop the ability to write an abstract and manuscript.

The second project is usually larger and demonstrates mastery of more advanced skills. It will likely be prospective and will develop advanced research skills, provide an opportunity to synthesize knowledge from the training curriculum, and generate preliminary data for a K-series award.



Saunders Research Building,
opened May 2011,
Home of the UR CTSI and EM Research