

Residency & Graduate Programs

We offer various graduate training programs.

Graduate medical education at the School of Medicine includes a wide spectrum of residency and fellowship programs. Each program introduces resident physicians to the scientific, clinical and humanistic aspects of a specific area of medicine. Our educational environment has numerous clinical settings where residents can apply knowledge and experience in individual patient encounters. Successful completion of each residency program fulfills the requirements to be board eligible for that specialty.

Residencies are offered in cooperation with the affiliated hospitals in Springfield, Memorial Medical Center and St. John's Hospital. Training in family medicine takes place at the Center for Family Medicine and the two affiliated hospitals in Springfield or at the SIU family medicine centers in Carbondale, Decatur and Quincy.

The School also offers graduate programs leading to master's and doctoral degrees in pharmacology, in physiology, and in molecular biology, microbiology and biochemistry. It also offers year-round continuing medical education programs.



Neurology hospital rounds

Residencies and Fellowships

Dermatology – 4 years

Mohs Micrographic Surgery and
Cutaneous Oncology Fellowship – 1 year

Family Medicine – 3 years

Carbondale

Carbondale Sports Medicine Fellowship – 1 year

Decatur

Quincy

Quincy Sports Medicine Fellowship – 1 year

Springfield

Internal Medicine – Categorical - 3 years; Preliminary – 1 year

Endocrinology Fellowship – 2 years (minimum)

Infectious Diseases Fellowship – 2 years

Pulmonary Fellowship – 2 years

Medicine/Psychiatry – 5 years

Neurology – 4 years

Obstetrics/Gynecology – 4 years

Pediatrics – 3 years

Psychiatry – 4 years

Child Psychiatry Fellowship – 2 years

Diagnostic Radiology – 5 years

General Surgery - 5 years

Vascular Fellowship – 2 years

Colon and Rectal Surgery Fellowship – 1 year

Orthopaedic/Rehabilitation – 5 years

Spine Surgery Fellowship – 1 year

Otolaryngology – 5 years

Head and Neck Oncology Fellowship – 2 years

Plastic/Reconstructive Surgery – 6 years

Urology – 5 years



Psychiatry teaching session

Graduate Programs

Molecular Biology, Microbiology and Biochemistry

The Department of Medical Microbiology, Immunology and Cell Biology (Springfield) and the Department of Biochemistry and Molecular Biology (Carbondale) in cooperation with the Department of Microbiology in the College of Science (Carbondale) offer a joint graduate program leading to master's or doctoral degrees. The Department of Medical Microbiology, Immunology and Cell Biology (MMICB) offers a master's in public health laboratory science. The program is designed to provide a broad base of knowledge, as well as to allow the student to develop in-depth research skills and specialization.

Students can complete their graduate courses and thesis or dissertation research on the Springfield or Carbondale campuses. There are a variety of areas available for graduate student research.

Pharmacology

The Department of Pharmacology delivers graduate training leading to master's and doctoral degrees. Course work emphasizes basic principles and understanding of the major drug classes, mechanisms underlying drug actions and laboratory methods in pharmacology. Specialized advanced courses include cellular, molecular, and neuropharmacology and toxicology.

Graduate students must develop and complete a research project that provides the basis for their thesis or dissertation. Since the faculty is heavily involved in research supported by extramural funds, students have a variety of areas from which to select projects. The laboratories and modern research equipment allow students to accomplish sophisticated research projects.

Physiology

The Department of Physiology in Carbondale offers graduate training in molecular, cellular and systemic physiology leading to master's and doctoral degrees. The department's advisory system helps students plan course work in order to acquire a broad knowledge of the field before focusing on subdisciplines. Courses are available in mammalian physiology, cellular physiology, endocrinology, pharmacology, neural science, reproduction, molecular biology and anatomy.

To gain teaching experience, graduate students are expected to teach in the undergraduate laboratories at least one semester. Each student must complete a research project under the mentorship of a faculty member and prepare a thesis or dissertation. The faculty conducts a variety of research projects that are supported by extramural funds

Continuing Medical Education

The Office of Continuing Medical Education in Springfield, accredited by the Accreditation Council for Continuing Medical Education, is responsible for the organization, development and coordination of the

School's continuing education program. Commitment to continuing education is inherent in the responsibilities of each faculty member.

One-day symposia in Springfield and Carbondale reflect current information and skills in medicine. They usually feature guest faculty and faculty members from the School. Other on-campus activities include Grand Rounds, tumor boards and clinical conferences.

Off-campus activities include conferences and meetings at the School's affiliated hospitals and other regionally presented symposia.

International Relations

The School's educational reach goes beyond the state and the country, thanks in part to a relationship with the University of Geneva in Geneva, Switzerland, which has co-sponsored an international conference on Advances in Therapies for Alzheimer's Disease biannually since 1990. The conference draws more than 1,100 registrants from nearly 50 countries and encompasses more than 125 scientific sessions.

Beginning in 2004, the School developed an exchange program with Aichi Medical University in Nagoya, Japan. Through this program, approximately 10 Aichi students come to the School yearly to experience problem-based learning and rotate through clinical elective experiences. One to two medical students from SIU also travel to Japan for clinical elective experiences yearly.

In 2008, SIU began an exchange program with Prathima Institute of Medical Sciences (PIMS) in Karimnagar, India. This new program allows up to four medical students from India to experience clinical electives at SIU and senior SIU students to rotate at PIMS.

The School has had students involved in medical missions on six continents, averaging seven to eight each year. A travel scholarship for international study by SIU medical students was established in 1990 by an emeritus faculty member.

Many SIU departments have international contacts and collaborations, involvement with international scientific meetings and symposia, and leadership positions in international professional societies. This wide range of activities provide opportunities for students to become involved with the international community.



Telehealth educational program