**FACILITIES AND OTHER RESOURCES**

**University of Illinois at Chicago**

**Overview**

The University of Illinois at Chicago (UIC) is Chicago’s largest and only public research university, with more than 29,100 students, about 8,400 faculty and staff members, 15 colleges and the state’s major public medical center. A hallmark of the campus is the Great Cities Commitment, through which UIC faculty, students and staff engage with community, corporate, foundation and government partners in hundreds of programs to improve the quality of life in metropolitan areas around the world.

UIC, which received more than $313.3 million in extramural research awards in FY2016, ranks among leading universities in federal research funding. Its students reflect the global character of Chicago; more than a third speak English as a second language and 50 percent of undergraduates and 30 percent of graduate and professional students belong to ethnic minority groups. More than one in three UIC undergraduates are first-generation college students.

Occupying more than 100 buildings on approximately 240 acres just west of downtown Chicago, UIC offers 85 bachelor’s, 98 master’s, and 65 doctoral degree programs. The UIC medical campus resides in the Illinois Medical District, one of the world’s largest concentrations of advanced public and private health care facilities.

UIC serves as Illinois’s principal educator of physicians, dentists, pharmacists, nurses, and other health care professionals. About one in six physicians in the state is a graduate of the UIC College of Medicine, the nation’s largest medical school. One in three Illinois pharmacists is a graduate of the UIC College of Pharmacy, and more than one third of the state’s dentists are graduates of UIC College of Dentistry. UIC offers more graduate study in dentistry, medicine, nursing, pharmacy, applied health sciences, and public health than any other health education institution in the nation.

**The University of Illinois Hospital & Health Sciences System (UI Health)**

The UI Health System is unique among U.S. academic medical centers in its focus in delivering personalized health to “at risk” populations. As the State’s only health system, UI Health accounts for a significant proportion of the healthcare delivered to metropolitan Chicago’s medically underserved populations (~1 million patient care encounters annually). The Health System’s primary service area represents approximately 2 million people, of whom 35% are Hispanic and 35% are African-American. The mission of UI Health is “*Eradicating health care disparities, delivering personalized medicine, providing high-value health—greater efficiency, better outcomes with reduced costs”.* UI Health’s mission emphasizes innovative research, health education, patient care, and community outreach and leverages the University’s world-renowned medical talent, breakthrough research in biotechnology and drug discovery along with its longstanding leadership in urban social sciences.

The UI Health System is a $1.5 billion enterprise (total annual clinical operating revenues & expenses) generating ~$2.1 billion in charge activity and includes the University of Illinois Hospital (495 beds), over 60 outpatient care clinics (many embedded in the Outpatient Care Center), 12 Federally Qualified Health Centers (Mile Square), and 7 health science colleges (Medicine, Applied Health Sciences, Dentistry, Pharmacy, Public Health, Nursing, Social Work).The collective expertise of UI Health with its six health science colleges brings a contemporary healthcare workforce to the task of changing healthcare delivery models. An academic environment allows performance of traditional investigation as well as community-based approaches to health identification, and health management. New members of the health care workforce can create awareness to advance programs outside of the traditional academic health center environment.

The Children’s Hospital University of Illinois (CHUI) is a 101-bed Level 3 children’s hospital with a 55-bed NICU, a 21-bed PICU, and 25 beds for pediatric general and sub-specialty services. At the outpatient clinic facility attached to CHUI, over 40,000 clinic visits are seen by CHUI faculty. Other clinical sites include the Illinois Pediatric Dentistry Health Connect Clinic, four off-site managed clinics, and the twelve locations that are part of the Mile Square Federally Qualified Health Center. CHUI has 10 Centers of Excellence including targeted conditions of mental disorders, epilepsy, diabetes, and asthma.

**UIC Department of Pediatrics**

# The UIC Department of Pediatrics is committed to providing compassionate, high-quality health care and being a leader in advancing the art and science of medicine. Dr. Martin is the Associate Head of Research for the Department of Pediatrics, which received over $4.4 million in NIH research funding during 2018. The General Pediatrics Research Program (referred to as TIKES - Thriving Illinois Kids Engagement System) was founded in 2011 as the clinical and health services research center within the Department of Pediatrics. The focus of this center is on developing community and technology-based interventions to improve the health and developmental outcomes of economically disadvantaged children with attention-deficit/hyperactivity disorder/oppositional defiant disorder, mood/anxiety disorders, high-risk behaviors (substance abuse/sexual behavior), oral disease prevention, and asthma. Grants submissions, awards, publications, and presentations have been growing steadily since 2008. In 2014, the Centers for Medicare and Medicaid Services awarded the Department of Pediatrics a Health Care Innovation Award. The CHECK (Coordinated HEalthcare for Complex Kids) Program provides comprehensive, community-based care to over 17,000 children and young adults in Medicaid in Cook County, Illinois. CHECK is designed to improve care for populations with specialized needs, with a focus on the specific priority area of high-cost pediatric and young adult populations.

**UIC Basic Science Resources**

Laboratory space is available in the College of Medicine Research Building. Laboratory spaces are fully equipped for cell culture and molecular biology studies, biochemical analysis, and vessel bath studies. The College of Medicine Research Building includes specific rooms for microscopy and tissue culture. The AALAC-approved Biologic Resource Laboratories (BRL) is a complete animal facility with a full support staff, including veterinarians and veterinary technicians. It is located convenient to the laboratory. The central BRL facility has 87,000 sq. ft. of animal housing and support space. It also provides surgery and radiology support services, a diagnostic laboratory, procedural rooms, and holding areas.

The UIC Research Resource Center (RRC) has many advanced technologies to support research. The UIC RRC is staffed by experienced research technicians and faculty who are helpful in designing customized applications. The RRC supports a Core Genomics Facility, Confocal Microscopy Facility, the Center for Structural Biology, and DNA Services Facility. The RRC supports electron microscopy, flow cytometry, high-throughput screening, and laser capture microdissection. Specific RRC labs include a Molecular Interaction Laboratory, Macromolecular Structure Facility, Mass Spectrometry Lab, Nuclear Magnetic Resonance Lab, Proteomics & Informatics, Protein Research Lab, and Research Histology Core. Specific RRC support services include scientific computing support, a scientific instrument shop, a scientific supply center, and Transgenic Production/IVIS imaging.

**UIC Center for Clinical and Translational Science (CCTS)**

The University of Illinois at Chicago Center for Clinical and Translational Science (CCTS) serves as the intellectual and geographic home for clinical and translational research at UIC. Supported by NIH funding through a Clinical and Translational Science Award, and a strong institutional commitment, the CCTS is a focal point for developing and nurturing interdisciplinary collaborations that helps to advance the university’s clinical and translational research enterprise. The offices for the CCTS Administration and Core representatives are centrally located in the Medical Center Administration building in close proximity to the Health Sciences Colleges. This central location makes the CCTS infrastructure support easily accessible to interested researchers, should the proposed project lead to studies with the goal of evidence generation. The CCTS seeks to improve population health, particularly among minorities and underserved populations.

The CCTS includes multiple service cores: Biomedical Informatics, Biostatistics, Clinical Research, Community Engagement, Dissemination and Implementation, Drug Discovery, Recruitment and Retention, Regulatory Support, Research Support, Research Navigation, and Research Ethics. The CCTS also offers education programs that range from the undergraduate to faculty level.

**If you have affiliations with these other sites, they could be added:**