



# UNIVERSITY OF ILLINOIS SYSTEM

## HHS R&D EXPENDITURES, FY2019

**UIC: \$162.5 MILLION | URBANA-CHAMPAIGN: \$69.4 MILLION**

\*Source: FY2019 NSF HERD Survey

The Department of Health and Human Services (HHS) sponsors more than \$231M in R&D expenditures across the U of I System.

### HHS-Supported Projects at UIC

UIC has seven health science colleges that train many of the state's future healthcare professionals and conduct groundbreaking basic and clinical research.

#### NATIONAL INSTITUTES OF HEALTH (NIH)

- In 2017, the University of Illinois Cancer Center was [awarded](#) \$6.75M from NIH to establish a specialized Center of Excellence in minority health and health disparities research. The **Center for Health Equity Research (CHER)** is investigating how social structures and determinants contribute to the health of marginalized groups.
- In 2016, UIC's **Center for Clinical and Translational Science (CCTS)** was awarded a four-year, \$17.7M grant from NIH to improve health disparities, particularly among minorities and underserved populations across the life span.
- With funding from NIH, UIC's School of Public Health leads an **Occupational and Environmental Health and Safety Education and Research Center**, which addresses occupational safety and health training needs regionally, nationally, and internationally.
- With [\\$9.7M in funding](#) from the National Eye Institute, researchers at UIC will study the impact of chronic eye disease among Latinos. The **Study of Latinos "Ojos"** will conduct approximately 3,000 eye exams for Latinos living in Chicago and Miami who already are enrolled in the Hispanic Community Health Study/Study of Latinos, the largest ever prospective epidemiological study of the Latino community.
- With a [\\$3M, five-year grant](#) from NIH, researchers are studying the impact of a program designed to **educate ER visitors with uncontrolled high blood pressure**.



#### HEALTH RESOURCES AND SERVICES ADMINISTRATION (HRSA)

- A [\\$9.5M grant](#) from HRSA will help UIC and the Illinois Department of Public Health **improve maternal outcomes** in Illinois. In addition to enabling the launch of a series of new systems-level statewide efforts, the funding will facilitate the design and implementation of a first-of-its-kind, two-generation postpartum clinic and research and training center at UIC.
- UIC is [launching](#) a new effort to **reduce the health disparities experienced by women and babies** living in historically underserved and marginalized communities, thanks to a \$4.7M Healthy Start grant from HRSA.
- **Mile Square**, UI Health's Federally Qualified Health Centers network, has received several supplemental grants from HRSA aimed at growing and improving mental health and addiction services.
- In 2017, UIC's College of Social Work was [awarded](#) a four-year, \$1.9M grant from HRSA to fund an **Integrated Evidence-based Behavioral Health Care Social Work Training Program** targeting children, adolescents, and transitional age youth in the Chicago metropolitan area.
- UIC received funding from Title VII (**nursing workforce development programs**) for the Geriatrics Workforce Enhancement Program, Graduate Psychology Education Programs, Health Careers Opportunity Program, Centers of Excellence Program and Primary Care Training and Enhancement Program. Title VII funding also supports the Area Health Education Center Program at UIC.

## Dept. of Health and Human Services/ National Institutes of Health (NIH)

FOR FY2021,  
THE U OF I SYSTEM  
REQUESTS  
**\$44.7 BILLION FOR NIH**

FY2021 PBR = \$38B  
FY2020 = \$41.7B  
FY2019 = \$39.084B  
FY2018 = \$37.084B  
FY2017 = \$34.084B  
FY2016 = \$32.1B  
FY2015 = \$30.311B

**Appropriations Bill:**  
Labor, Health and Human  
Services, Education, and  
Related Agencies

**Agency:** U.S. Department of  
Health and Human Services  
National Institutes of Health

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### CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

- With \$3.75M in research funding from CDC, UIC's School of Public Health will continue its work as one of only 25 academic institutions in the CDC's **Prevention Research Center network**. This network will collectively develop, test and evaluate various public health interventions across the nation.
- With [\\$1.8M in funding](#) from the CDC, UIC is helping young breast cancer survivors navigate post-treatment care and survival. The award is specifically supporting a new University of Illinois Cancer Center program called **Young And A Survivor**.



### AGENCY FOR HEALTHCARE RESEARCH AND QUALITY (AHRQ)

- AHRQ funding supports efforts to obtain evidence and information that will help ensure safe and high-quality healthcare. UIC currently has six active AHRQ awards.

### HHS-Supported Projects at Urbana-Champaign

From creating novel diagnostic methods and synthesizing new drugs to conceiving the world's first engineering-based college of medicine, Urbana harnesses interdisciplinary collaboration to uncover fundamental insights into fighting disease and improving health.

- Researchers at Urbana received funding from the **National Cancer Institute** to investigate multimodal biomarkers for oropharyngeal cancer, histopathology for cancer prognosis, the impact of cholesterol on breast cancer progression, and early prediction of colorectal liver metastases.
- Urbana continues to train biomedical researchers in innovative approaches. With one NIH **T32 grant**, the **Tissue Microenvironment Training Program** is preparing the next generation of interdisciplinary leaders capable of undertaking fundamental research and enabling translational advances. For over fifteen years, NIH has funded the Chemistry-Biology Interface Training Program through a T32 grant to bridge the divide between these disciplines, promoting a common scientific language, sharing advanced tools, and taking a multidisciplinary approach to longstanding issues that compromise public health.
- Urbana is a leader in engineering-based translational research with NIH/NCI funded projects like the **Polarization-Sensitive OCT for Assessing Breast Tumor Margins**. With partners Carle Foundation Hospital and start-up company Diagnostic Photonics, this intraoperative optical imaging technology finds positive breast tumor margins in real time.
- Urbana's transdisciplinary, NIDDK-supported **Dietary and Microbial Predictors of Childhood Obesity Risk Project** will determine how dietary prebiotics influence host-microbe interactions and infant growth trajectory and weight/body composition.
- The NIH Biotechnology Research Center for Macromolecular Modeling and Bioinformatics has been developing **leading software for computational biology and molecular simulation and visualization** for nearly three decades. Through its evolving programs, comprehensive dissemination, range of collaborative biomedical projects, and extensive training program, the Center serves more than 120,000 biomedical researchers across the nation and in the world.
- Urbana is a partner in the **Upper Midwestern Center of Excellence for Vector-borne Diseases**, a group that recently received \$10M from the CDC to fight diseases spread by insect vectors.

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