



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

FOR FY2022,
THE U OF I SYSTEM
REQUESTS AT LEAST
\$46.1 BILLION FOR NIH

FY2022 PBR = TBD
FY2021 = \$42.9B
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

Questions? Contact:
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HHS R&D EXPENDITURES, FY2020

UIC: \$170.8 MILLION | URBANA-CHAMPAIGN: \$78.4 MILLION

*Source: FY2020 NSF HERD Survey

The Department of Health and Human Services (HHS) is a major sponsor of research for our universities. UIC has seven health science colleges that train many of the state's future healthcare professionals and conduct groundbreaking basic and clinical research. The National Institutes of Health (NIH) was the largest UIC research sponsor in FY2020, providing over \$169M in funding.

HHS-Supported Projects at UIC

COVID-19 RESEARCH

As of February 2021, UI Health has received over **\$32M in COVID-19 related research grants**. Highlights include:

- Clinical trials for the Moderna and Janssen vaccines and the Regeneron and Eli Lilly monoclonal antibody drugs.
- Piloting a program to use convalescent plasma to treat COVID-19 patients.
- Testing the efficacy of saliva home tests to measure potential outbreak hotspots.



NATIONAL INSTITUTES OF HEALTH (NIH)

- In FY2020, UIC had 155 active **R01** grants, which support health-related research for individual investigators.
- UIC's **Center for Clinical and Translational Science (CCTS)** is [receiving](#) \$22M in new funding from NIH to continue its work supporting critical clinical and translational health research programs.
- UIC researchers have been [awarded](#) a five-year, \$10.15M grant from NIH to develop a broad-spectrum immunomodulatory **eye drop to treat patients with severe dry eye** and ocular surface disease due to inflammatory and immune system disorders.
- UIC researchers are [leading](#) an NIH-funded, \$7.1M, five-year national study to review **opioid alternatives to treating sickle cell disease** (SCD) by determining the effectiveness of acupuncture and guided relaxation for people with chronic pain from SCD.
- 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.
- 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.
- UIC researchers are assessing the **association of chronic eye disease in Hispanic/Latino groups** with cardiovascular disease and sociocultural risk factors in an ongoing NIH-funded [Hispanic Community Health/Study of Latinos](#).

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.



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HRSA, CONTINUED

- **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.
- Faculty at our UIC College of Nursing-managed Mile Square clinic in Humboldt Park [earned](#) a \$1.5M HRSA grant to build upon an existing system of integrated primary and behavioral healthcare.



CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)

- With [\\$3.75M in research funding](#) from CDC, UIC's School of Public Health is continuing 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 four 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.

- **Rapid Acceleration of Diagnostics (RADx) initiative:** UIUC is working with the NIH to conduct a [COVID-19 research study](#) aimed at improving testing strategies to control SARS-CoV-2. A UIUC researcher was recently [awarded](#) \$1.6M in RADx funding from the NIH for a study exploring the use of HIV/AIDS interventions in mitigating the spread of COVID-19 among marginalized and hard-to-reach populations.
- Researchers at UIUC 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.
- A UIUC researcher was [recently awarded](#) funding from the NIH's 4D Nucleome Program for two projects to advance understanding of the structure of the cell nucleus and dynamics and gene expression.
- 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 15 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.
- UIUC is a leader in engineering-based translational research with NIH/NCI funded projects like the **Polarization-Sensitive OCT for Assessing Breast Tumor Margins**. This intraoperative optical imaging technology finds positive breast tumor margins in real time.
- 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.
- UIUC is a partner in the **Upper Midwestern Center of Excellence for Vector-borne Diseases**, a group that [received \\$10M](#) from the CDC to fight diseases spread by insect vectors.