



UNIVERSITY
OF ILLINOIS
SYSTEM



U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES/NATIONAL INSTITUTES OF HEALTH

FOR FY2025, THE U OF I SYSTEM REQUESTS **\$51.303 BILLION FOR NIH.**

| NIH | |
|-------------------|-------------|
| FY2025 PBR | = \$48.3B |
| FY2024 | = \$47.081B |
| FY2023 | = \$47.459B |
| FY2022 | = \$44.959B |
| FY2021 | = \$42.9B |

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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HHS R&D EXPENDITURES, FY2023

| | |
|--|-----------------|
| UNIVERSITY OF ILLINOIS CHICAGO | \$205.5 MILLION |
| UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN | \$95.3 MILLION |

*Source: FY2023 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 FY2023, providing over \$202M in funding.



HHS-SUPPORTED PROJECTS AT UIC

National Institutes of Health (NIH)

- UIC has 201 active R01 grants which support health-related research for individual investigators.
- UIC was one of 10 academic institutions **selected** to receive the NIH Institutional Excellence in Diversity, Equity, Inclusion, and Accessibility in Biomedical and Behavioral Research Prize in recognition of work addressing disparities in the research workforce.
- A team of UIC researchers is **projected to receive** approximately \$22M from NIH over four years to research long COVID-19. The emerging health condition causes many COVID-19 patients, even those who were not hospitalized, to have continued and new symptoms months after their initial illness. As part of the NIH's Researching COVID to Enhance Recovery (**RECOVER**) Initiative, UIC is leading an Illinois-based research consortium, called ILLInet RECOVER, which

has been selected to participate as one of the cohorts in the NIH initiative.

- 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.
- With a \$5M grant from NIH, a new virtual brain bank spanning five Chicago academic medical centers and **led by UIC** will create

a powerful new resource for clinical care and research on epilepsy, brain tumors and neurological disorders.

- An interdisciplinary research team, led by the UIC Chicago College of Nursing, has [received](#) a \$3 million NIH grant to study the relationship between the gut microbiome and pain and other distressing symptoms experienced by some kidney transplant recipients.
- 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)

- UIC's College of Nursing [secured](#) a \$3.1M grant from HRSA to run a mobile health unit for underserved teens in Illinois. It will operate for four years in disadvantaged rural and urban areas of the state, providing services to improve teen health and well-being, including reproductive health services such as well visits, contraceptive management and screening for sexually transmitted diseases.
- 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](#) an 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.
- Faculty at the 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.

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 participates in one AHRQ award.

Centers for Disease Control and Prevention (CDC)

- UIC has [received](#) \$6M from the National Institute for Occupational Safety and Health to establish the newest Agricultural Safety and Health Center in the U.S. The new center, called the Great Lakes Center for Farmworker Health and Wellbeing, will begin its research in Illinois with a census of all the migratory, seasonal and H2-A visa farmworkers in the state to get a basic headcount of the workforce along with a tabulation of farm-related injuries.
- 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.

HHS-SUPPORTED PROJECTS AT UIUC

Over the past five years, UIUC's NIH funding has increased 40%. To sustain that growth, UIUC has founded the world's first engineering-based college of medicine, established centers and institutes, developed programs, acquired instrumentation, and recruited faculty expertise, all of which positions UIUC to successfully compete for funding—and more importantly, to develop the knowledge and innovation that will have a profound impact on human health.

- UIUC researchers are leading the Center for Label-free Imaging and Multiscale Biophotonics ([CLIMB](#)), an NIH supported collaborative to develop optical and computational imaging technologies for clinical use in addition to advancing

research on human healthcare and disease.

- UIUC received \$5.7M from NIH to ensure that the software programs, Visual Molecular Dynamics and Nanoscale Molecular Dynamics, remain current and available to its large user base on existing and upcoming hardware platforms commonly used at local and institutional levels and at national super-computing centers, where a large fraction of the overall time is consumed by biomedical researchers using these programs.
- The [Illinois Kids Development Study \(IKIDS\)](#) received \$13.7M in additional NIH funding to continue exploring maternal and child health outcomes. The project is part of a national effort to understand how environmental exposures influence child development, cognition, growth, and health.
- A UIUC team has been awarded another round of funding from NIH for [TechSage](#), a project that explores and supports the needs of people with long-term disabilities as they age.
- A UIUC researcher was [recently awarded a five-year, \\$5.6M NIH grant](#) to optimize a promising vaccine against enterotoxigenic E. coli. Worldwide, these strains are responsible for over 220 million diarrheal cases and 100,000 deaths annually.
- NIH [awarded](#) a \$3 million grant to UIUC researchers to develop better tools and agents to detect Alzheimer's.
- Supported by a [\\$2M grant](#) from the NIH, UIUC researchers will examine how different genes associated with autism spectrum disorders may similarly impact our brain's neurons, resulting in heightened sensitivity to sounds.

