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

FOR FY2024, THE U OF I SYSTEM REQUESTS **\$50.924 BILLION FOR NIH**.

NIH

FY2024 PBR = \$48.265B

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, FY2022

University Of Illinois Chicago

\$192 MILLION

University Of Illinois Urbana-Champaign

\$83.9 MILLION

*Source: FY2022 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 FY2022, providing over \$192M in funding.



HHS-SUPPORTED PROJECTS AT UIC

National Institutes of Health (NIH)

- UIC has 196 active R01 grants which support health-related research for individual investigators.
- 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 <u>receiving</u> \$22M in new funding from NIH to continue its work supporting critical clinical and translational health research programs.
- UIC researchers have been <u>awarded</u> a fiveyear, \$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 <u>leading</u> 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 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 NIHfunded 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, twogeneration postpartum clinic and research and training center at UIC.
- UIC is <u>launching</u> 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 Nursingmanaged 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 leads one AHRQ award and partners on other awards.

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.

- NIH awarded UIUC a five-year, approximately \$4.8M translational research grant to develop an optimized gene therapy for amyotrophic lateral sclerosis (ALS), a severely debilitating and fatal neurological disorder.
- With partial support from NIH, the Cancer Center at Illinois and Mount Sinai researchers have <u>developed</u> a low-cost, portable, point-of-care technology capable of diagnosing early-stage liver cancer within 30 minutes.

