



Fact Sheet: Life-Saving SUNY Research At Risk From Surprise NIH Budget Cuts

Thanks to support from the National Institutes of Health, SUNY researchers are conducting groundbreaking research to cure diseases, save lives, and strengthen our national security and economic leadership. The NIH's sudden budget cuts will cost SUNY research an estimated \$79 million on current grants, including more than \$21 million over just the next five months (through June 30) – immediately imperiling the work of SUNY's dedicated researchers by decimating the equipment, staff, and services they rely on.

Examples of innovative work funded by NIH at SUNY's research-intensive campuses include:

University at Buffalo – estimated \$47 million impact of NIH F&A cuts on current grants, including \$7 million through June 30. Active NIH-funded projects include:

- More than \$8 million for the Women's Health Initiative to explain the origins and prevention of major causes of **diseases and death in women** between the ages 50 and 79.
- \$2.9 million for a UB startup to develop a cost-effective and simple way to detect a potential **brain aneurysm** through a blood test.
- \$28.4 million for the Clinical and Translational Science Institute to improve health outcomes in Western New York, including **addressing asthma and speeding drug discovery**.
- \$3.5 million for the University at Buffalo and partners to develop a new, low-cost blood test that will make **lung cancer screening** faster, more accurate, and widely available.

Stony Brook University – estimated \$15 million impact of NIH F&A cuts on current grants, including \$6 million through June 30. Active NIH-funded projects include:

- \$20 million to establish and operate the Stony Brook World Trade Center Health and Wellness Program, which monitors and **treats thousands of 9/11 first responders**.
- \$3 million for Stony Brook's Laboratory for Comparative Medicine for research to prevent and mitigate **infectious disease outbreaks or future pandemics**.

SUNY Downstate Health Sciences University – estimated \$6 million impact of NIH F&A cuts on current grants, including \$2.7 million through June 30. Active NIH-funded projects include:

- More than \$550,000 from the NIH National Heart Lung and Blood Institute to study **lung disease** and help identify future therapies.
- Approximately \$620,800 from NIH's National Cancer Institute to improve therapies for treating **breast cancer**.

Upstate Medical University – estimated \$5 million impact of NIH F&A cuts on current grants, including more than \$2 million through June 30. Active NIH-funded projects include:

- [\\$6.4 million for Upstate Medical University](#) in partnership with UT Health Houston to fuel AI-driven **Alzheimer's research** to uncover genetic links to cognitive decline.
- [\\$2.2 million from NIH's prestigious Maximizing Investigators' Research Award \(MIRA\)](#) to help bring to market new drugs that are in **Phase III clinical trials in cancer patients**.
- [\\$7.2 million for a clinical trial of a lupus drug](#), which involves 20 lupus centers from academic institutions around the United States working to develop a cure for this autoimmune disease that affects **1.5 million Americans**.

University at Albany – estimated \$2.4 million impact of NIH F&A cuts on current grants, including \$1.5 million through June 30. Active NIH-funded projects include:

- More than [\\$4 million in National Institutes of Health funding](#) to study the role played by certain enzymes in cell signaling and its impact on **cancer and cardiac disease progression**.
- [\\$459,000 from NIH's National Cancer Institute](#) to study how deficiencies of a key nutrient, selenium, can chemically modify RNA and lead to **aging and cancer**.
- [\\$500,000 from the NIH's National Institute on Aging](#) to study how aging brain cells shape the progression of Alzheimer's disease and to inform **new therapeutics to prevent and treat Alzheimer's and related dementias**.
- [\\$1.7 million from the NIH's National Cancer Institute](#) to determine how dietary habits and nutrition affect the development and progression of **breast cancer**.

Binghamton University – estimated \$2.2 million impact of NIH F&A cuts on current grants, including more than \$800,000 through June 30. Active NIH-funded projects include:

- [\\$2.4 million grant from NIH's prestigious MERIT \(Method to Extend Research in Time\) Award](#) program to develop a faster, less painful, and more efficient way to diagnose **malignant abnormalities in the lungs** that can lead to cancer and other deadly diseases.
- [Approximately \\$470,000 from NIH's National Cancer Institute](#) to study a liquid biopsy to provide accurate early detection of a malignant solitary pulmonary nodule and thereby **lessen the risk of metastasis**.
- [Nearly \\$200,000 from NIH's National Center for Advancing Translational Sciences](#) to study and de-risk drug development programs for Duchenne **muscular dystrophy**, which is a progressive neuromuscular disorder.

SUNY College of Optometry – estimated nearly \$800,000 impact of NIH F&A cuts on current grants, including more than \$380,000 through June 30. Active NIH-funded projects include:

- [\\$2 million for the SUNY College of Optometry](#) to study the relationship between **myopia (nearsightedness) and glaucoma** to help develop new diagnostic and treatment strategies.