



NATIONAL INSTITUTES OF HEALTH RESEARCH

UW-MADISON: RANKED #8 NATIONALLY WITH \$1.3 BILLION IN ANNUAL RESEARCH EXPENDITURES

The National Institutes of Health (NIH) is the world's premier biomedical research funding agency, competitively awarding grants to scientists at universities in all 50 states. At UW-Madison, the awards we receive from NIH support a broad array of human health research, from cancer to diabetes.

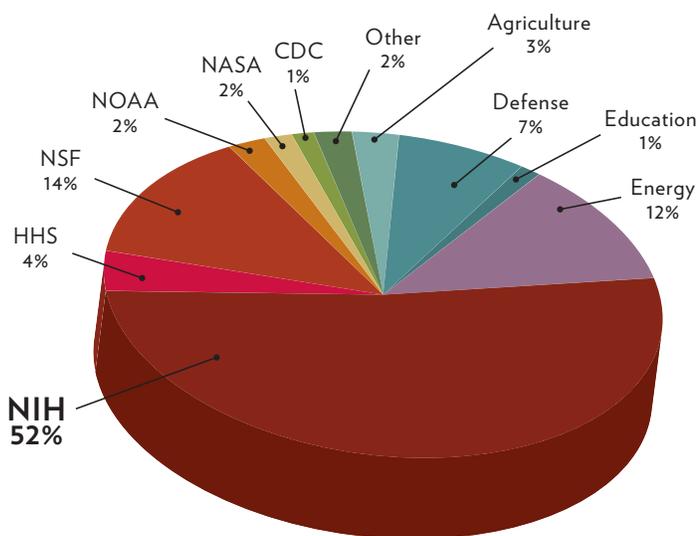
EXAMPLES OF NIH RESEARCH AT UW-MADISON

School of Pharmacy

Led by a UW-Madison professor, a team of researchers found that a new, biodegradable gel filled with immune-boosting proteins and cancer-fighting cells staved off the growth of lingering cancer cells in mice after tumors were surgically removed. While still in the proof-of-concept stage, the experiments demonstrate that the gels could help battle cancer at a critical moment: when a tumor has been removed but malignant cells continue to lurk. Although more research is required to develop a treatment for humans, the preclinical results provide a promising new way to deploy the immune system to clear cancer cells after surgery. [More online.](#)

UW-Madison Comprehensive Diabetes Center

Diabetes is the most expensive chronic condition in our nation – \$1 out of every \$4 in U.S. healthcare costs is spent caring for people with diabetes, which disproportionately impacts African American, Latinx, and other marginalized individuals. Researchers at UW-Madison are identifying and classifying previously unstudied lipids to determine whether these molecules could help diagnose metabolic diseases, such as diabetes, in women and minorities. The research could lead to the development of more equitable biomarkers for metabolic syndrome, leading to new interventions to prevent and treat diabetes. [More online.](#)



\$ 387.8 million

NIH federal research awards at UW-Madison in 2020-21

WHY UNIVERSITY RESEARCH MATTERS

By supporting NIH, you will be supporting research programs that save lives, broaden the knowledge base for all scientists, and harness new knowledge for biomedical advances.

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January 2022