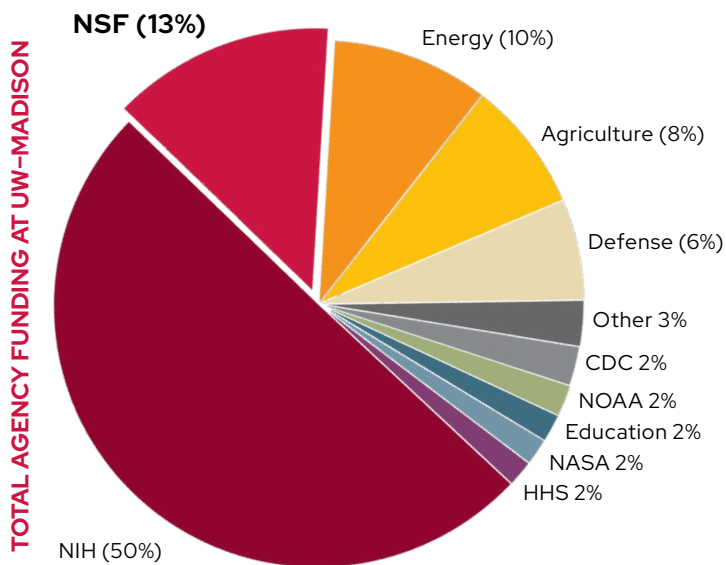




NATIONAL SCIENCE FOUNDATION

UW-MADISON: RANKED #8 NATIONALLY WITH \$1.52 BILLION IN ANNUAL RESEARCH EXPENDITURES

With a mission to keep the U.S. at the leading edge of discovery in science and engineering, the National Science Foundation (NSF) funds a broad array of research at UW-Madison, from neurology to social science to astrophysics and beyond.



\$129.7 million

NSF research awards to UW-Madison in 2022-23

\$952.4 million

federal research awards to UW-Madison in 2022-23

7th

in nation for research expenditures financed by NSF*

*according to NSF Higher Education Research and Development Survey (2022)

NSF FUNDING IN ACTION AT UW-MADISON

Mapping the cosmos for subatomic particles *IceCube Neutrino Observatory & Collaboration*

The IceCube Neutrino Observatory is the first detector of its kind, designed to observe the cosmos from deep within the South Pole ice. Encompassing a cubic kilometer of ice, IceCube searches for nearly massless subatomic particles called neutrinos. These high-energy astronomical messengers provide information to probe the most violent astrophysical sources: events like exploding stars, gamma-ray bursts, and cataclysmic phenomena involving black holes and neutron star.

Research by the IceCube Collaboration—led by UW-Madison and made-up of 300 physicists from 59 institutions in 14 countries—is opening a new window for exploring our universe.

WHY UNIVERSITY RESEARCH MATTERS

NSF investments drive discovery and innovation, fund collaboration, and support training and education that ensures a continued pipeline of people and ideas ready to solve pressing global challenges in science and engineering. NSF-supported research and activities at UW-Madison accelerate discovery and transform knowledge into tangible benefits for society.



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