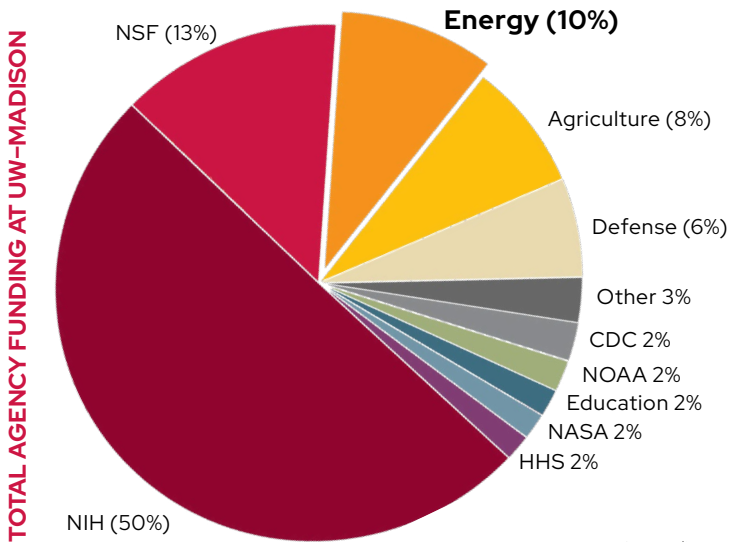




DEPARTMENT OF ENERGY

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

Through the Office of Science and the Advanced Research Projects Agency-Energy, the Department of Energy (DOE) invests in UW-Madison research that enhances the country's energy security, building the nation's future economy and ensuring the U.S. remains a leader in science and technology.



\$91.7 million

DOE research awards to UW-Madison in 2022-23

\$952.4 million

federal research awards to UW-Madison in 2022-23

5th

in nation for research expenditures financed by DOE*

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

DOE FUNDING IN ACTION AT UW-MADISON

Energy through enzymes

Great Lakes Bioenergy Research Center (GLBRC), Wisconsin Energy Institute

With DOE support, UW-Madison researchers are uncovering the behavior of plant enzymes to inform production of easily extractable, energy-rich aromatics in bioenergy plants. Based at UW-Madison's Wisconsin Energy Institute in collaboration with Michigan State University (MSU) and other partners, GLBRC brings together biologists, chemists, engineers and economists. The Center employs more than 450 researchers, students and staff, conducting foundational research and training the next generation. GLBRC scientists are using funding to continue work on converting non-food plants into low-carbon replacements for fossil fuels and chemicals used to make products like polyester, nylon, lubricants and plastics.

WHY UNIVERSITY RESEARCH MATTERS

DOE-supported research and activities at UW-Madison create a foundation for major advances toward a sustainable, safe and secure energy economy. Projects at the university advance high-potential, high-impact energy technologies, and address industry sustainability challenges and climate change impacts, working toward new ways to generate, store and use energy.

