



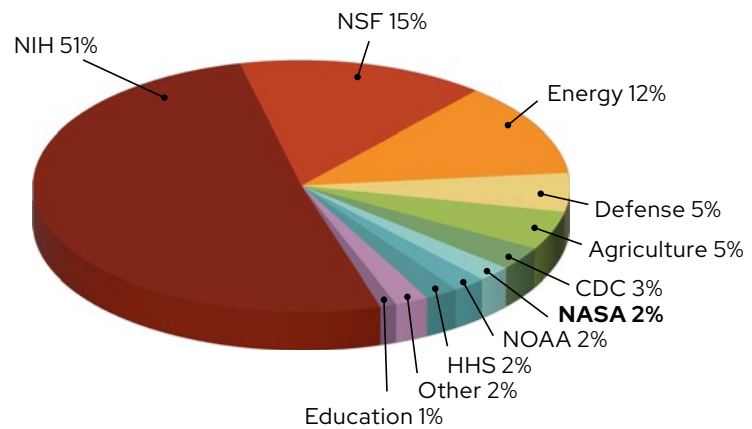
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

UW-MADISON: RANKED #8 NATIONALLY WITH \$1.38 BILLION IN ANNUAL RESEARCH EXPENDITURES

Since 1958, National Aeronautics and Space Administration (NASA) has captivated the public with accomplishments that have revolutionized our understanding of space sciences, life sciences, and aeronautics. NASA continues to seek new knowledge and understanding of the Earth, the solar system, and the universe to reveal the unknown and benefit humankind. At UW-Madison, NASA funding supports a variety of research to improve understanding of our planet and the galaxy and protects lives.

\$14.4 million

NASA federal research awards at UW-Madison in 2021-22



EXAMPLES OF NASA FUNDING AT UW-MADISON

One-Minute Data Helps NASA Detect Wildfires Faster

Space Science and Engineering Center, Office of the Vice Chancellor for Research and Graduate Education

UW-Madison scientists are providing rapid satellite data to NASA for timelier tracking and monitoring of active wildfires in the U.S. and Canada. The low-latency data from U.S. Earth observation satellites—sent within one minute of collection—are a new addition to the NASA Fire Information for Resource Management System. Once detected, NASA can coordinate with decision-makers at other agencies to respond to fires and inform the public. Especially in remote areas, satellite data may be the only way to discover, assess, and track active fires. [More online.](#)

Protecting Astronauts from Cosmic Radiation

Department of Astronomy

A team of researchers at UW-Madison is working to protect astronauts from the dangers of cosmic radiation as they venture far from Earth. The team is testing and refining a novel idea for a traveling magnetic field strong enough to deflect harmful radiation from astronauts as they travel to Mars or set up bases around the moon. [More online.](#)

WHY UNIVERSITY RESEARCH MATTERS

By supporting NASA, you support programs, research, and projects that promote an advanced understanding of our planet and universe, and the creation of new technologies.

Office of Federal Relations, University of Wisconsin-Madison

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January 2023