



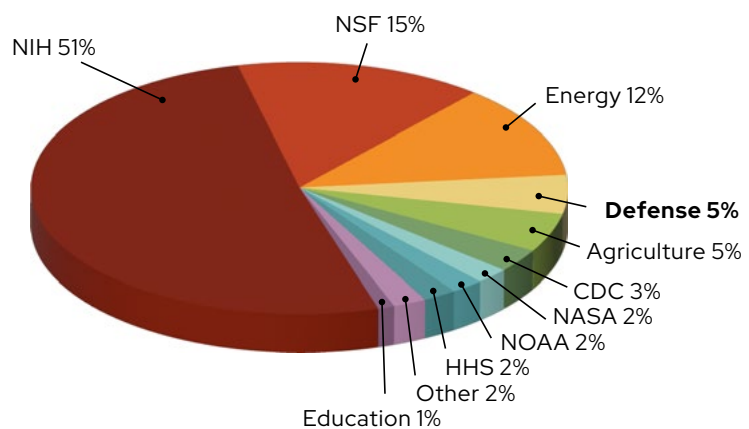
DEPARTMENT OF DEFENSE RESEARCH

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

The Department of Defense (DoD) Science and Technology (S&T) account and the Defense Advanced Research Projects Agency (DARPA) support research ranging from basic biomedical research to applied research that advances the development of new weapons and defense systems. Discoveries from defense research have led to shifts in military capabilities that support the U.S. Armed Forces and play a vital role in ensuring the U.S. has medical technologies to protect warfighters. At UW-Madison, DoD funding supports research ranging from advancements in cancer to quantum computing.

\$40.8 million

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



EXAMPLES OF DEPARTMENT OF DEFENSE RESEARCH AT UW-MADISON

Linking Cancer Pathways

School of Medicine and Public Health

A team of UW-Madison researchers have discovered previously unknown connections between the two most common genetic changes that cause cells to become cancerous. Increased understanding of these two cancer pathways may reveal promising targets for new, more effective cancer treatments.

[More online.](#)

A Leap Toward Quantum Computing

Department of Physics, Wisconsin Quantum Institute

Practical quantum computers could solve complex algorithms that classical computers cannot. This could be beneficial for many applications, such as logistics, drug discovery and computational modeling of quantum processes. A university-industry collaboration has successfully run a quantum algorithm on a cold atom quantum computer for the first time, bringing quantum computing one step closer to use in real-world applications. [More online.](#)

WHY UNIVERSITY RESEARCH MATTERS

By supporting DoD funding in research, you support programs that ensure our military stays on the leading edge of technology capabilities.

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January 2023