UNIVERSITY OF OREGON

SEPTEMBER 2025

Resource for Policymakers

NSF FUNDING IN ACTION

The National Science Foundation (NSF) is the nation's leading federal agency supporting fundamental research and education across all non-medical fields of science and engineering.

At the UO, NSF funding drives discovery across a wide array of disciplines while strengthening research infrastructure and expanding access to STEM education. These investments help advance basic science, accelerate innovation, prepare students to tackle real-world challenges, and train the next generation of scientists and clinicians.

$19.9M
NSF Awards to UO Researchers, FY 2025

187
NSF Grants Active at the UO (August 2025)

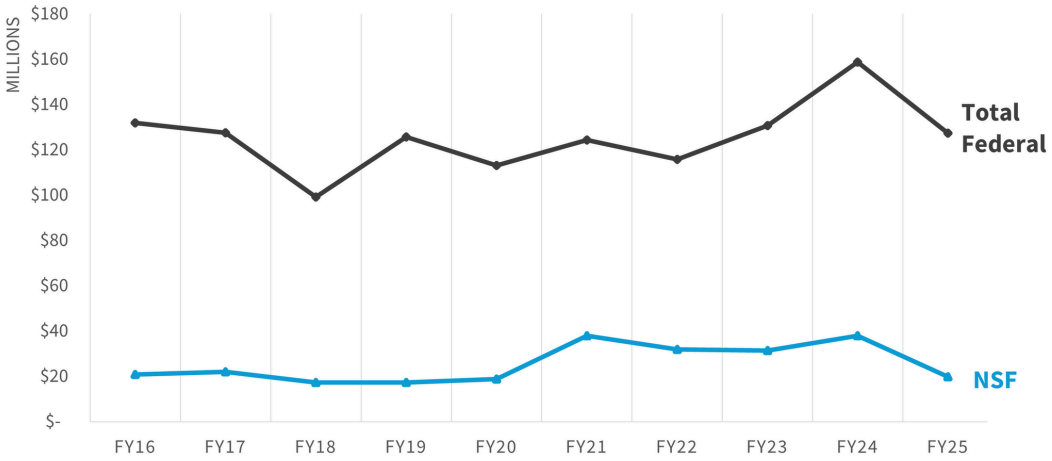
UO Jobs Funded Through Federal Research Awards:

614 FTE

2,192 HEADCOUNT

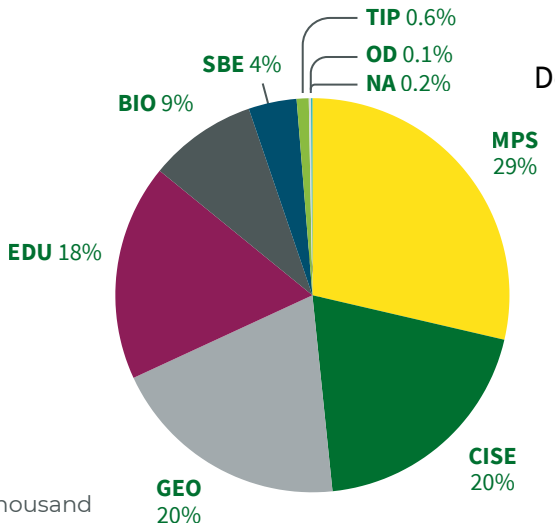
Includes 315 graduate students

TOTAL VALUE OF NEW FEDERAL AWARDS BY FISCAL YEAR

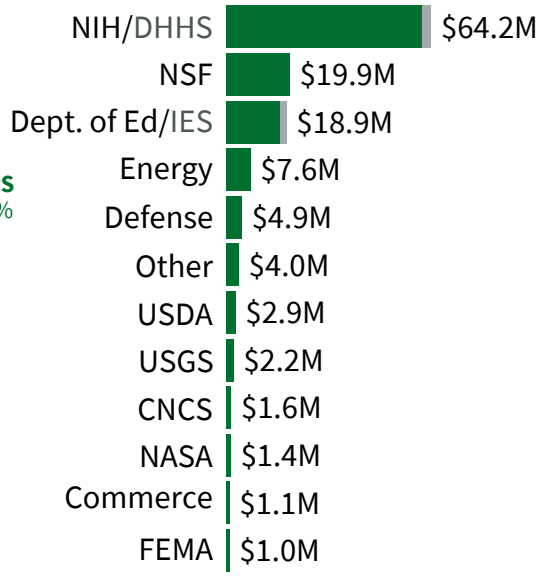


GRANTS BY DIRECTORATE

MPS	Mathematical & Physical Sciences | $5.7 million
CISE	Computer & Information Science & Engineering | $4.0 million
GEO	Geosciences | $4.0 million
EDU	STEM Education | $3.6 million
BIO	Biological Sciences | $1.7 million
SBE	Social, Behavioral & Economic Sciences | $744 thousand
TIP	Technology, Innovation & Partnerships | $128 thousand
OD	Office of the Director | $21 thousand
NA	Not assigned to a directorate | $35 thousand



FEDERAL RESEARCH AWARDS IN FISCAL YEAR 2025



WHAT DOES NSF RESEARCH MAKE POSSIBLE AT THE UNIVERSITY OF OREGON?

Advancing U.S. Quantum Research

The NSF selected the UO in December 2024 as one of six pilot sites for its National Quantum Virtual Laboratory. With an initial $1 million grant, UO researchers are advancing photon-based quantum networks for real-world applications in sensing, secure data transmission, and computing. The project is the first phase of a multi-stage NSF competition, with future funding contingent on competitive reviews.

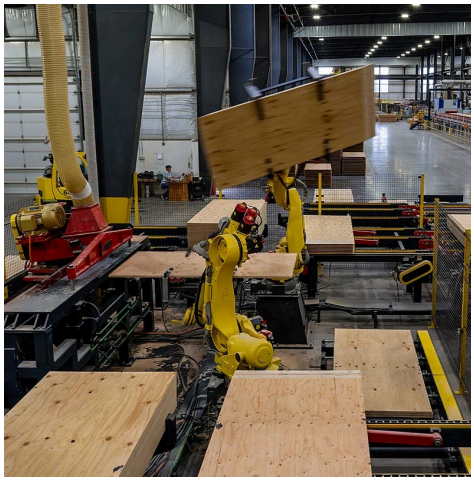
The UO is nationally recognized for its strength in quantum science. Faculty helped shape the National Quantum Initiative and have earned distinction in areas ranging from quantum optics to quantum information theory. UO researchers are core partners in both NSF and Department of Energy quantum research efforts, and their leadership is helping define the future of quantum networking in the U.S.

Photo: UO physics professor Brian Smith in his lab (Tiffany Barfield)

CRESCENT
CASCADIA REGION EARTHQUAKE SCIENCE CENTER

Cascadia Earthquake Resilience

Powered by a $15 million NSF grant awarded in 2023, the UO leads the Cascadia Region Earthquake Science Center (CRESCENT), the first federally funded center focused on subduction zone earthquakes. CRESCENT brings together more than a dozen institutions to study the Cascadia Subduction Zone, improve earthquake forecasting, and enhance community resilience across the Pacific Northwest.



Innovations in Mass Timber

A UO-led initiative to drive innovations in mass timber architecture, engineering and construction in the Pacific Northwest—anchored within the TallWood Design Institute in collaboration with Oregon State University and Washington State University—was selected as a semifinalist (1 of 29) in NSF's Regional Innovation Engines program. Backed by an NSF Engines Development award, the team is working to strengthen Oregon's leadership in sustainable mass timber design and manufacturing, advancing modular housing production, sustainable and resilient construction, and rural economic development.

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