



FACT SHEET 2019-20

UNIVERSITY OF OREGON RESEARCH AND INNOVATION FEBRUARY 2021

Research awards hit record high in 2019-20

University of Oregon researchers brought in \$152.4 million in grants, contracts and competitive awards in 2019-2020, an increase of more than \$26 million from the previous year. Investigators submitted 1,266 proposals and received 437 grants.

Research Excellence

The University of Oregon

- Is classified as a top-tier Carnegie R1 research university with “very high research activity.”
- Is the only Oregon member of the Association of American Universities.

Research Impact

- The UO received \$10.3 million in licensing income in FY20, an increase of 3 percent from the previous year.
- Science-based invention disclosures jumped from 20 to 23.
- Patent filings increased from 13 to 20.
- The UO continued to be ranked No. 5 by the Association of American Universities in licensing per research dollar.
- The UO has 31 spinout companies based on research discoveries.

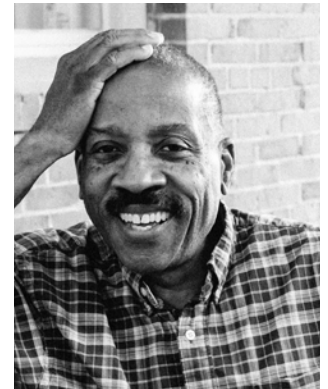
Faculty Early Career Awards

Three University of Oregon faculty members received prestigious CAREER Awards from the National Science Foundation in 2019-20— geologist Estelle Chaussard (\$636,991), biochemist Scott Hansen (\$1,039,174) and physicist Tien-Tien Yu (\$400,000)

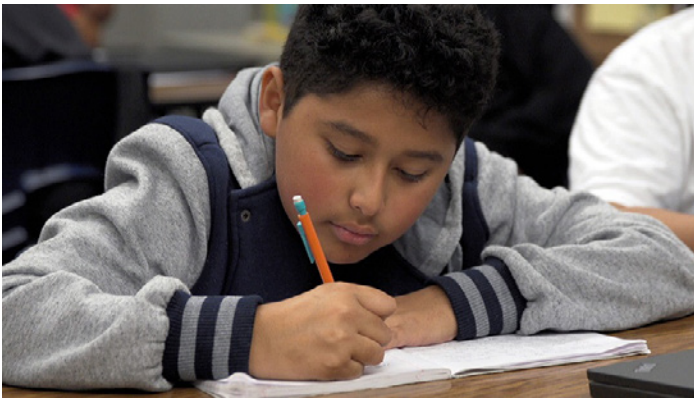


Recent Grants and Awards

- A \$151,000 grant to UO associate professor of multimedia journalism Ed Madison from the National Science Foundation to examine how to enhance science motivation in high school students during a public health crisis, an extension of a \$1.2 million, three-year grant to pursue a creative, interdisciplinary solution to the student achievement gap for underrepresented groups in STEM courses.
- A \$2.5 million grant from the U.S. Department of Education to College of Education research assistant professor Fatima Terrazas Arellanes, for the development of a web-based science curriculum for elementary school students.
- A \$4.52 million grant from The Andrew W. Mellon Foundation to support a new initiative envisioning a transformative research platform for racial and climate justice — the largest humanities award in UO history.
- A \$140,000 grant from the Eugene Water and Electric Board to associate professor of environmental studies and geography Lucas Silva to address climate change through the development of a watershed carbon sequestration program.



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Recent Grants and Awards

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- A \$1.2 million, five-year Department of Education grant to the Sapsikwala Teacher Ed Program, a collaboration between the UO Teach master's degree program and the nine federally recognized sovereign Indian nations of Oregon that provides a pathway for Native American students to actively engage with their culture as they earn their teaching licenses.

Proposal Activity

In FY20, UO investigators requested \$218 million in first-year funding from external sponsors, an increase of \$47 million. Of the 1,266 proposals submitted, 85% were for new funding for the university. Of the amount requested, federal proposals make up 63 percent, either directly or via flow-through funding.

Research Centers and Institutes

Our highly collaborative culture is buoyed by our research centers and institutes, where researchers, students and supporting staff work across disciplines to expand the boundaries of knowledge.

- Center for Cyber Security and Privacy
- Center for the Study of Women in Society
- Committee on the Advancement of Women Chemists
- Institute for Fundamental Science
- Institute for a Sustainable Environment
- Institute of Ecology and Evolution
- Institute of Molecular Biology
- Institute of Neuroscience
- Materials Science Institute
- Oregon Advanced Computing Institute for Science and Society
- Oregon Center for Optical, Molecular and Quantum Science
- Oregon Humanities Center
- Oregon Institute of Marine Biology
- Prevention Science Institute

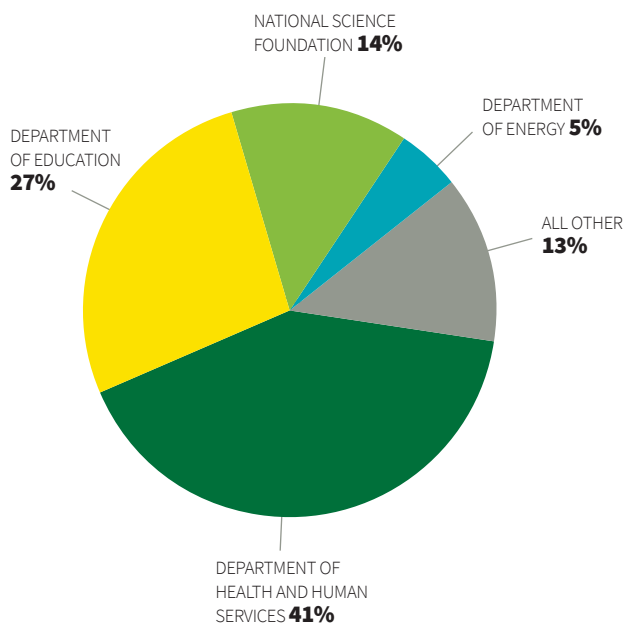
Research Core Facilities

Research Core Facilities advance transformative excellence in research, innovation and graduate education.

- Aquatic Animal Care Services
- Center for Advanced Materials Characterization in Oregon
- Genomics and Cell Characterization Core Facility
- Greenhouse Facility
- Histology and Genetic Modification
- Lewis Center for Neuroimaging
- Technical Science Administration
- Terrestrial Animal Care Services

Sources of Research Awards

FY2020 FEDERAL AWARDS BY AGENCY



Research Services

- Research Development Services — Finding funding, limited submissions, grant writing resources
- Innovation Partnership Services — Intellectual property rights, patents, copyrights, trademarks
- Sponsored Projects Services — Proposal review, clearance and submission, award management
- Research Compliance Services — Human subjects, ethics and misconduct, Institutional Review Board
- Undergraduate Research Opportunity Program — Faculty-mentored research, funding, resources
- Animal Welfare Services — Aquatic and terrestrial animal care and use protocols