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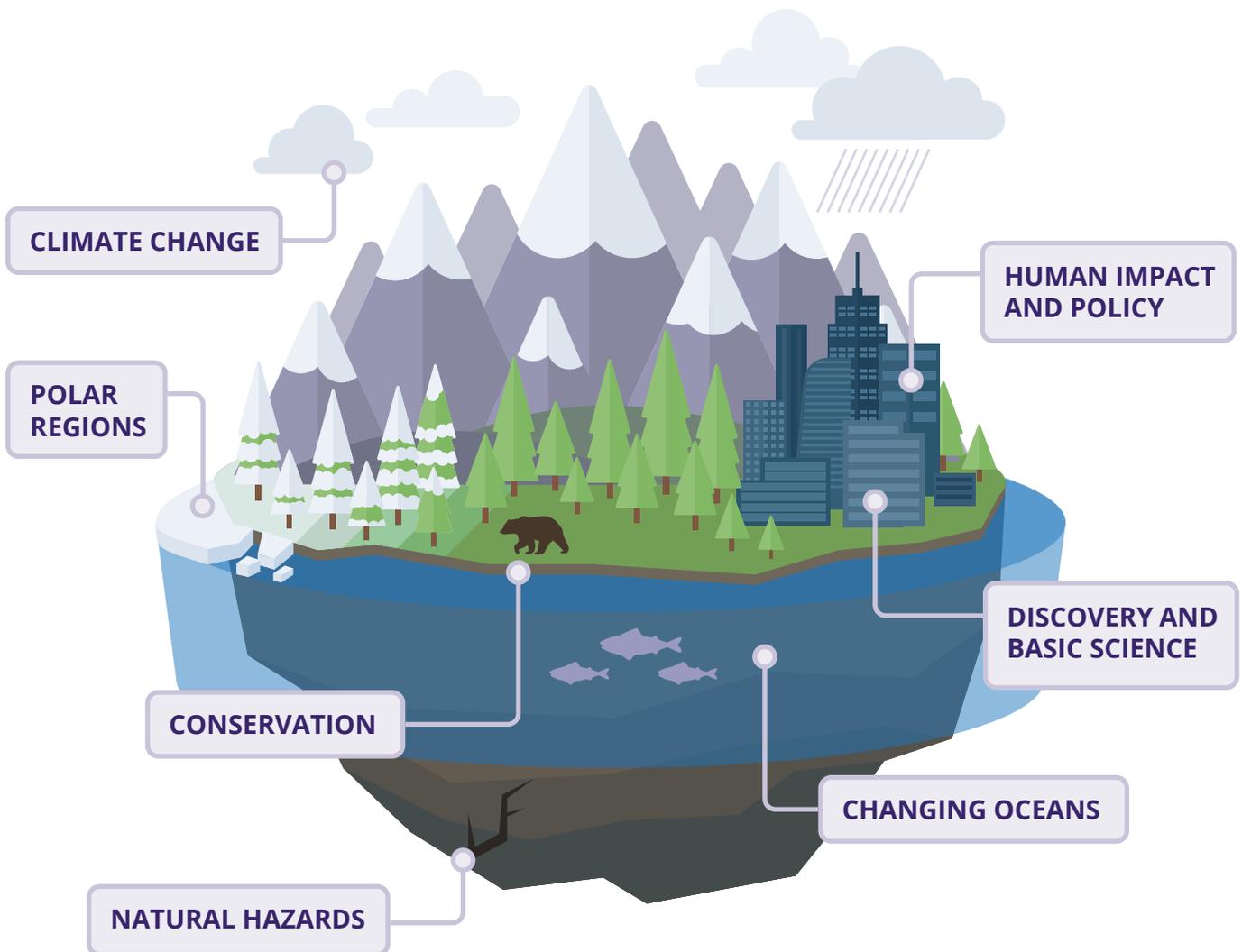
COLLEGE OF THE ENVIRONMENT
UNIVERSITY *of* WASHINGTON

**BUILDING A
RESILIENT
FUTURE**

WE ARE DEFINING TOMORROW, TODAY

Have you ever wondered who is seeking answers to some of the most pressing questions about our planet? At the University of Washington College of the Environment, we explore the environment from the Earth's core to the edges of the solar system, merging advanced technology and innovation to resolve some of the most pressing issues facing our planet and its inhabitants.

Scientists and students board research vessels to survey Pacific Ocean marine life. They trek into the Cascade Mountains to monitor volcanoes in the ancient Ring of Fire. They study Arctic marine mammals to better understand the past, present and future of these enigmatic creatures. They build computer models to forecast how the climate will change to inform decisions that impact lives, and they assess government policies, social behaviors, law and economics to create thriving, sustainable human societies.



RESEARCH

GAINING NEW INSIGHTS INTO THE EARTH, ITS PEOPLE AND ITS SYSTEMS

To truly tap into our problem-solving potential, it is imperative to understand the Earth in its totality and in each of its dimensions. It's a big job. One the University of Washington College of the Environment is well equipped to handle.

From understanding the mechanisms that drive our changing climate and developing the science that underpins sustainable fisheries management, to creating the West Coast's first earthquake early warning system, our researchers engage at every level to understand our planet and more effectively steward its resources.



Research spans seven continents and all five oceans



\$125M of externally funded research annually



The UW is ranked #3 for research spending, among US public universities (NSF 2019)



Atmospheric Sciences graduate student Carley Fredrickson works with NOAA researchers to understand the chemical composition and evolution of nighttime wildfire smoke and to gain experience in aircraft campaign operations.

EDUCATION

The College of the Environment serves the brightest minds in science and policy within the College and beyond. More than 1,100 undergraduate and 400 graduate students are working on degrees within the College, and 60% of undergraduate students at UW take at least one of our courses.

More than 230 faculty work in the College, ensuring our seven degree-granting units provide an unparalleled educational experience, teaching each student to think critically and realize their potential as an innovator. We ensure the next generation of environmental leaders is well-prepared to enter a wide range of environmental fields upon graduation.

DEGREE GRANTING UNITS

Department of Atmospheric Sciences
Department of Earth and Space Sciences
Program on the Environment
School of Aquatic and Fishery Sciences
School of Environmental and Forest Sciences
School of Marine and Environmental Affairs
School of Oceanography

GRADUATE DEGREES

Aquatic and Fishery Sciences
Atmospheric Sciences
Earth and Space Sciences
Environmental and Forest Sciences
Marine and Environmental Affairs
Oceanography
Quantitative Ecology and Resource Management



Students take part in the Alaska Salmon Program, the world's longest-running effort to monitor salmon and their ecosystems.

UNDERGRADUATE DEGREES

Aquatic and Fishery Sciences
Atmospheric Sciences
Bioresource Science and Engineering
Earth and Space Sciences
Environmental Science and Terrestrial Resource Management
Environmental Studies
Marine Biology
Oceanography



Assistant professor Brian Harvey and students study the aftermath of the 2017 Norse Peak fire.

SCHOLARSHIPS, FELLOWSHIPS AND STUDENT SUPPORT

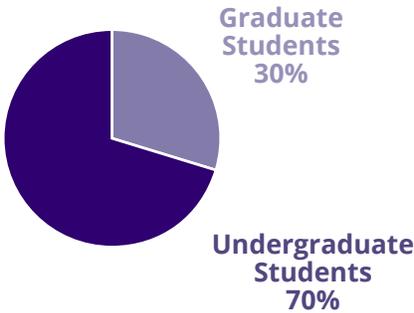
Our lecture halls, labs and classrooms provide world-class learning spaces, but there is no substitute for hands-on, real-world experience. Scholarships and fellowships ensure that every student at the College has the opportunity to participate in an immersive learning experience. Supporting the costs of field research, internships and excursions, these awards make a difference in a student’s life and the development of vitally important environmental science at the UW.

EDUCATION BY THE NUMBERS

- More than 450 course offerings annually
- College of the Environment’s citizen science programs, K-12 resources and public education programs serve communities and students from across the Pacific Northwest region

DEMOGRAPHICS

Female	42%
Male	58%
Asian	13%
Underrepresented Minorities	10%
International	10%



IMPACT

The issues we face today demand a combination of discovery, leadership and an authentic connection with our communities. The College of the Environment works at this intersection, reaching across and connecting scientific disciplines, stakeholders and societies, policymakers and the public. By working directly with community leaders, we ensure decisions are informed by the most recent and comprehensive science.

In addition to world-class academic departments, the College also pushes the boundaries of innovation through long-term collaborations with communities led by EarthLab, Washington Sea Grant, Climate Impacts Group and more.



Aquatic and Fishery Sciences professor John Horne installs an echosounder on the Tonle Sap river in Cambodia.

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The innovative research and community-building at the College of the Environment have helped us better understand how human health and well-being rely on access to a healthy environment. Their science and partnership give us the big-picture view of the health benefits of nature.

- **Marc Berejka**, President,
REI Foundation

ADVISING LEADERS WORLDWIDE

Our faculty and staff advise local, regional, national and international decision makers, including the Intergovernmental Panel on Climate Change (IPCC), Washington State Board of Natural Resources, Pacific and North Pacific Fishery Management Councils, International Whaling Commission and more.



HUSKY PRIDE:

- UW School of Oceanography ranked #1 in international polls
- More than 30 American Geophysical Union Fellows
- 11 UW Distinguished Teaching Award winners

RESOURCES FROM ACROSS THE PUGET SOUND AND THE WORLD

From Bristol Bay in Alaska to Friday Harbor in Washington, the College of the Environment's field stations provide unparalleled opportunities for collaborative working and learning, cutting-edge research and educational outreach. Our interdisciplinary centers and programs are headquartered at field stations throughout the state and region.

FIELD STATIONS AND VESSELS

- Alaska Salmon Program
- Center for Sustainable Forestry at Pack Forest
- Friday Harbor Laboratories
- Olympic Natural Resources Center
- Research Vessel Kittiwake
- Research Vessel Rachel Carson
- Research Vessel Thomas G. Thompson

RESEARCH AND OUTREACH CENTERS

- Climate Impacts Group
- Cooperative Institute for Climate, Ocean and Ecosystem Studies
- EarthLab
- Pacific Northwest Seismic Network
- Program on Climate Change
- Quaternary Research Center
- UW Botanic Gardens
- Washington Ocean Acidification Center
- Washington NASA Space Grant
- Washington Sea Grant



Research Vessel Rachel Carson in Lake Union

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I came to UW because of Friday Harbor Labs: A quarter there was the best decision of my undergraduate career. Diving in at the Labs resulted in lifelong friendships, a passion for marine invertebrates, and the decision to continue on my research path in graduate school.

- **Sanna Titus**, Marine Biology major, class of 2020

Be a part of our impact as the College of the Environment addresses national and global challenges and leads the world in environmental research and education.

With your partnership, we can advance the UW's long history of excellence for Washington and for the world.

To learn more, contact the College of the Environment Advancement team
(206) 616-8902 | envadv@uw.edu | environment.uw.edu

HONORING PLACE

The University of Washington acknowledges the Coast Salish peoples of this land, the land which touches the shared waters of all tribes and bands within the Suquamish, Tulalip and Muckleshoot nations.