UNIVERSITY OF WASHINGTON OFFICE OF RESEARCH FACTS FY2:

The University of Washington has long been a hub for learning, innovation, problem solving, and community building. With its vibrant research ecosystem, the UW is ranked No. 6 globally and No. 2 among U.S. public institutions by U.S. News & World Report, and No. 18 globally by the Academic Ranking of World Universities. We have a proud culture of collaboration and discovery that continues to keep the UW globally competitive.

RESEARCH FUNDING OVERVIEW

- The UW receives more federal research dollars than any other U.S. public university
- \$1.76B total grant and contract awards
- 5495 grants, including 261 grants over \$1M
- Over 1700 sponsors, including over 13 Federal sponsors, foundations and non-profits, industry, state and local government
- The UW partners with over 100 universities in 36 countries

ECONOMIC & EDUCATIONAL IMPACT

- According to the 2019 UW Economic Impact Report, the UW supports or sustains a total of 100,520 jobs one out of every 37 jobs in the state, with an annual economic impact of \$15.7 billion.
- Since 1991, CoMotion spinoffs have raised over \$8.7 billion in funding, with \$4.1 billion secured over the past 5 years alone. As of July 2023, there are 110 active UW spinoffs with over 1,000 employees.
- The UW is ranked the No. 1 most innovative public university in the world by Reuters, which examines scholarly articles and patent applications.
- Over 40 UW-affiliated experts are included in the Highly Cited Researchers 2023 list from Clarivate. The annual list identifies researchers who demonstrated significant influence in their field through the publication of multiple highly-cited papers during the last decade.
- The UW's graduate and professional degree programs were widely recognized as among the best in the nation, according to U.S. News & World Report's 2023 Best Graduate School rankings, where 15 programs and over 25 specialties placed in the top 10.
- In 2022-23, the UW was recognized as a top producer of Fulbright U.S. Students and Scholars. Ten UW students received Fulbright awards and 8 faculty members were named Fulbright Scholars.

UW FACULTY HONORS

- American Academy of Arts and Sciences: 103 members
- American Association for the Advancement of Science: 202 Fellows
- Gairdner International Awards: 13 recipients
- Albert Lasker Medical Research Awards: 6 recipients
- MacArthur Fellows: 19 recipients
- National Academy of Engineering: 35 members
- National Academy of Medicine: 72 members
- National Academy of Sciences: 95 members
- National Medal of Science: 6 recipients
- The Shaw Prize: 2 recipients

UW FACULTY NOBEL PRIZES

- Hans Dehmelt, Professor Emeritus in Physics, 1989 Nobel Prize in Physics for research
- E. Donnall Thomas, Professor Emeritus in Medicine, 1990 Nobel Prize in Physiology or Medicine
- Edwin Krebs and Edmond Fischer, Professors Emeriti in Biochemistry and Pharmacology, 1992 Nobel Prize in Physiology or Medicine
- Leland Hartwell, Professor of Genome Sciences and Adjunct Professor of Medicine, 2001 Nobel Prize in Physiology or Medicine
- Linda Buck, Professor of Microbiology and Psychology, Affiliate Professor of Physiology and Biophysics, 2004 Nobel Prize in Physiology or Medicine
- David Thouless, Professor Emeritus in Physics, 2016 Nobel Prize in Physics

EXAMPLES OF MAJOR RECENT GRANTS

- \$16.4M from the Bill and Melinda Gates Foundation to support structure-based immunogen design for next-generation vaccines.
 Pl: Neil King
- \$4M from the National Science Foundation to continue supporting research and education in fundamental AI and ML theory through the NSF AI institute in Dynamic Systems, a hub for innovation and collaboration across the engineering sciences. PI: Jose Nathan Kutz
- \$8.7M from the Washington State Department of Children, Youth and Families to research and implement a regional evaluation system, and collect data required to score schools on the Washington Quality Rating and Improvement System (QRIS) Standards. PI: Gail Joseph
- \$10.9M from the National Institutes of Health (NIH) for genetics research to provide high-throughput genotyping and whole genome sequencing (WGS) for individuals. PI: Gail P. Jarvik
- \$2.4M from DARPA Information Innovation Office to create commonsense reasoning engines that give AI programs the context needed to better understand questions and provide accurate and ethical answers. PI: Yejin Choi
- \$2.5M from the Paul G. Allen Family Foundations to link cutting-edge terrestrial, estuarine, and marine ecosystem models in the Puget Sound region to create a tool that supports regional decision making PI: Tessa B. Francis
- \$3.9 from the Department of Energy to develop life cycle assessment for carbon negative buildings by assessing the environmental impact of novel carbon storing materials and innovative building systems. Pl: Kathrina L Simonen

Gerberding Hall G80 Box 351202 Seattle, WA 98195-1202 research@uw.edu www.uw.edu/research (206) 616-0804