The UW has a strong profile and presence as a world leader in education and research. The total for all sponsored projects is an impressive $1.386B, which funds experiential learning for undergrad and graduate students as well as discoveries that impact our region and our world. We have tripled our research funding over the last twenty years. Since 1979, with one exception (2009), the UW received more federal research funding than any other U.S. public university; $1.084B for FY14. Since 1969 we have placed among the top five for total funding for all public and private universities in the country. Rankings by the Institute of Higher Education at China’s Shanghai Jiao Tong University place the UW at 15 among the world’s top universities (a ranking held since 2007), and 13 nationally. The National Taiwan University (formerly HEEACT) ranked the UW fifth overall (four nationally) and first in public universities worldwide for the quality and impact of research endeavors.

RESEARCH FUNDING

- $1,385,592,377 total sponsored grants and contracts
- $1,083,738,894 federal funding
- $301,853,483 non-federal funding
- 5,315 grants, including 209 grants over $1M

ECONOMIC AND EDUCATIONAL IMPACT

- $12.5B in total economic impact generated by the UW in the state of Washington.
- In FY14, UW launched 18 start-up companies based on UW research advances, bringing the ten-year total to 103 technology start-ups from UW.
- UW technology generated over $56M in licensing revenue.
- According to the most recent data (FY13), compared to other US universities, UW was first in technologies licensed (681), first in commercialization agreements executed (260), third in total active licenses (1272), and third in technology startups (17).
- In academic year 2013-2014, 7,048 students worked with faculty mentors for 11,187 student-quarters (one student researching for one quarter = 1 student-quarter), spending ~1,257,052 hours devoted to research.
- In academic year 2013-2014, 6,659 students engaged in university-sponsored public service including service learning, public service internships and volunteer work, for 9,035 student-quarters, contributing a total of 854,104 hours of public service.
- Sponsored projects supported 5,900 full-time equivalent employees during FY14. Based on economic multipliers provided by the Washington State Higher Education Coordinating Board, UW research funding generated about 25,960 jobs statewide.
- In academic year 2013-14, 2,928 graduate students were supported on research grants and contracts, including 228 NSF graduate fellows and 347 graduate students on 58 training grants. In addition, 1,173 post-doctoral fellows were supported by UW grants and contracts. Graduate and undergraduate students contributed to 87% of the 467 patent applications that the UW filed.

UW FACULTY HONORS

- American Academy of Arts and Sciences: 85 members
- American Association for the Advancement of Science: 167 Fellows
- Institute of Medicine: 61 members
- National Academy of Engineering: 30 members
- Gairdner International Awards: 10 recipients
- Albert Lasker Medical Research Awards: 6 recipients
- National Medal of Science: 5 recipients
- MacArthur Fellows: 15 recipients
- National Academy of Public Administration: 2 recipients
- National Academy of Sciences: 78 members
- Presidential Medal of Freedom: 1 member

UW FACULTY NOBEL PRIZES

Six UW faculty members have won Nobel Prizes since 1989. Since 1990, five have won Nobel Prizes in medicine, more than any other institution during that time period.

- Hans Dehmelt, Professor Emeritus in Physics, 1989 Nobel Prize in Physics for research on immobilizing single subatomic particles
- E. Donnall Thomas, Professor Emeritus in Medicine, 1990 Nobel Prize in Physiology or Medicine for research on bone marrow transplantation, done primarily at the Fred Hutchinson Cancer Research Center
- Edwin Krebs and Edmond Fischer, Professors Emeriti in Biochemistry and Pharmacology, 1992 Nobel Prize in Physiology or Medicine for discovery of reversible protein phosphorylation
- Leland Hartwell, Professor of Genome Sciences and Adjunct Professor of Medicine, 2001 Nobel Prize in Physiology or Medicine for discoveries of key regulators of the cell cycle
- Linda Buck, Professor of Microbiology and Psychology, Affiliate Professor of Physiology and Biophysics, 2004 Nobel Prize in Physiology or Medicine for discoveries of odorant receptors and the organization of the olfactory system

MAJOR RECENT GRANTS

- $14.6M total for a 5-year grant from the Department of Energy for The Institute for Nuclear Theory. PI: David B. Kaplan
- $6.8M from the National Institutes of Health for Development of KIN-1148 as a novel innate immune adjuvant system for emerging RNA virus vaccines. PI: Michael J. Gale
- $6.5M from the U.S. Department of Defense for: Targeting the aberrant androgen receptor in advanced treatment resistant prostate cancer. PI: Stephen R. Plymate
- $4.4M total for a 3-year grant from The Leona M. and Harry B. Helmsley Charitable Trust for Promoting reflection for improved learning and retention. PI: Cynthia J. Atman
- $2.2 million over four years from the NSF to model and reduce the potential death and destruction of a magnitude 9 Cascadia earthquake through integrated research in prediction, warning and adaptive planning across the social, built and natural environments. PI: John Vidale
- $4M total for a 3-year grant from the National Science Foundation for Supporting healthy sleep behaviors through ubiquitous computing. PI: Julie A. Kientz
There are over 285 specialized research centers at the UW (an increase of 15 centers since 2007). There are over 20 National Institutes of Health Research Cores and Centers of Excellence, including the Institute for Translational Health Sciences, one of 60 NIH funded national Clinical and Translational Sciences Awards (CTSA). Leading centers include:

- Center for Integrative Neuroscience
- Center for Sensorimotor Neural Engineering
- Center for Enabling New Technologies through Catalysis
- West Coast Poverty Center
- Center for Advanced Materials in Transport Aircraft Structures (AMTAS)
- Molecular Engineering and Sciences Institute
- Polar Science Center
- Center for Information Assurance & Cybersecurity
- Center for Law in Science and Global Health
- Center for AIDS Research (CFAR)
- Institute for Stem Cell and Regenerative Medicine (ISCRM)
- Center for Intracellular Delivery of Biologics (CIDB)
- Institute for Health Metrics and Evaluation (IHME)
- Indigenous Wellness Research Institute
- Comparative Law and Societies Studies Center
- Pacific Northwest Center for Construction Research and Education
- Cleary Community for 21st Century Youth Literacy
- Center for Emerging and Re-emerging Infectious Diseases
- Pacific Northwest Udall Parkinson's Disease Center (PANUC)
- Centers for Comparative and Health Systems Effectiveness
- Pharmacogenomics Research Network (PGRN)
- UW Global Center for Integrated Health of Women, Adolescents, and Children
- Institute for Learning and Brain Sciences
- Resuscitation Outcomes Consortium (ROC)
- Institute for Nuclear Theory (INT)
- Center for Experimental Nuclear Physics and Astrophysics (CENPA)
- Pacific Northwest Cooperative Ecosystems Study Center
- Harborview Injury Prevention and Research Center
- Diabetes and Obesity Center of Excellence

Sources of Current UW Operating Funds

Total Operating Revenues — $5.4B

<table>
<thead>
<tr>
<th>Sources of Funds</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Investment Income</td>
<td>10%</td>
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<tr>
<td>Tuition and Fees</td>
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<td>Grants and Contracts</td>
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<td>Patient Services</td>
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<tr>
<td>State Funding for Operations and Capital Expenditures</td>
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<td>Gifts</td>
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<td>Sales and Services of Educational Departments</td>
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<tr>
<td>Auxiliary Enterprises</td>
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<tr>
<td>Other</td>
<td>4%</td>
</tr>
</tbody>
</table>

Sources of UW Research Awards

Department of Agriculture — $13,691,243
Department of Commerce — $24,083,443
Department of Defense — $97,033,917
Department of Education — $20,401,838
Department of Energy — $30,421,290
Department of Health and Human Services — $708,113,003
Department of the Interior — $4,097,791
Department of Transportation — $4,837,963
Department of Veterans Affairs — $7,600,591
Environmental Protection Agency — $6,525,720
National Aeronautics and Space Administration — $16,030,816
National Science Foundation — $130,219,369
Other Federal — $20,681,911
Associations and Non-Profits — $63,546,233
Foundations — $111,543,444
Industry — $39,126,742
Local Government — $2,766,017
Other Government — $4,895,478
State of Washington — $22,093,521
U.S. Institutes of Higher Learning — $3,882,048
Total Grant and Contract Awards $1,385,592,377

Revised March, 2015