

FACTS

The University of Washington (UW) receives more federal research funding than any other American public university, a position it has held each year since 1974. Since 1991, the UW has ranked second among all universities, both public and private, in competing for federal science and engineering grants.¹ *The Economist* recently ranked the UW among the world's top 20 universities.²

RESEARCH FUNDING IN FISCAL YEAR 2005

- \$995,856,142 total sponsored grants and contracts
- \$204,237,155 non-federal funding
- \$791,618,987 federal funding
- 5,176 grants, including 138 grants over \$1 million each

UW FACULTY NOBEL PRIZES

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

- Hans Dehmelt, 1989 Nobel Prize in Physics for immobilizing single subatomic particles
Professor emeritus in Physics
- E. Donnall Thomas, 1990 Nobel Prize in Physiology or Medicine for research on bone marrow transplantation, done primarily at the Fred Hutchinson Cancer Research Center
Professor emeritus in the Department of Medicine
- Edwin Krebs and Edmond Fischer, 1992 Nobel Prize in Physiology or Medicine for discovery of reversible protein phosphorylation
Professors emeriti in the Departments of Biochemistry and Pharmacology
- Leland Hartwell, 2001 Nobel Prize in Physiology or Medicine for discoveries of key regulators of the cell cycle
Professor of Genome Sciences and Adjunct Professor of Medicine
- Linda Buck, 2004 Nobel Prize in Physiology or Medicine for discoveries of odorant receptors and the organization of the olfactory system
*1975 B.S. in Microbiology and Psychology, University of Washington
Affiliate Professor of Physiology and Biophysics*

OTHER UW FACULTY HONORS

- Institute of Medicine: 35 members
- National Academy of Engineering: 12 members
- Gairdner International Awards: Eight recipients
- Lasker Awards: Five recipients
- National Medal of Science: Three recipients
- MacArthur Fellows: Nine recipients
- National Academy of Sciences: 47 members

RECENT MAJOR GRANTS

- \$15.4 million from the Grand Challenges in Global Health initiative to develop portable medical devices for areas without access to health care.
- \$22 million from the National Institute of Dental and Craniofacial Research to establish a dentistry research network throughout the Northwest.
- \$3.9 million from National Science Foundation (NSF) to create a cyber infrastructure that links the UW and other research institutions with ocean observatories.
- \$70 million from NSF to form a nanotechnology research network that includes the UW and 13 other major research universities.
- \$30 million from the Environmental Protection Agency to lead a multi-site study on the connection between air pollution and cardiovascular disease.
- \$4.7 million from the National Human Genome Research Institute to study the ethical, legal and social implications of genomic research in minority communities
- \$12.4 million from the NSF to establish the Learning in Informal and Formal Environments (LIFE) Center, which will focus on the human learning process

ECONOMIC AND EDUCATIONAL IMPACT

- Externally sponsored programs supported 7,600 full-time equivalent employees at the UW during FY05. Based on an economic multiplier provided by the U.S. Commerce Department, UW research funding generated about 34,000 jobs statewide.
- 188 new companies have been based on UW research advances.
- UW technology licenses generated \$18.6 million in revenue during FY05.
- The UW ranked fourth among U.S. universities in licensing income in FY04.
- 4,000 UW undergraduates incorporated research experiences into their coursework during 2005.

¹SOURCE: *National Science Foundation*

²The Economist's ranking was based on a 2005 study conducted by Shanghai Jiao Tong University Institute of Higher Education, which ranked the UW seventeenth overall, sixth among universities worldwide in research article citations and fifteenth in the number of highly cited researchers on its faculty.

RESEARCH CENTERS

There are over 150 specialized research centers at the UW, including one National Science Foundation Science and Technology Center — the Center on Materials and Devices for Information Technology Research — and over 20 National Institutes of Health research cores and Centers of Excellence. Leading centers include:

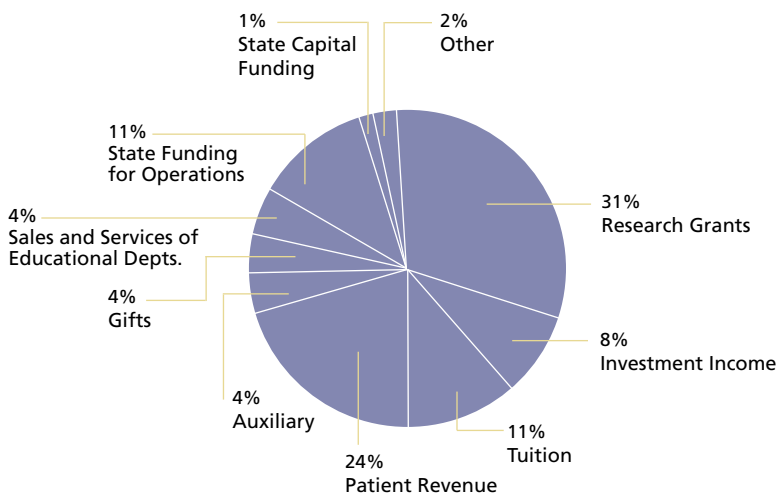
- Alzheimer's Disease Research Center
- Autism Center
- Center for AIDS Research
- Center for Cell Dynamics
- Center for Ecogenetics and Environmental Health
- Center for Functional Genomics and HCV-Associated Liver Disease
- Center for Nanotechnology
- Center for Women's Health Research
- Center on Human Development and Disability
- Core Center for Gene Therapy
- Diabetes Endocrinology Research Center
- Genome Center
- Learning in Informal and Formal Environments (LIFE) Center
- Microscale Life Sciences Center
- Nathan Shock Center of Excellence in the Basic Biology of Aging
- Pacific Northwest Center for Human Health and Ocean Sciences
- Center for Research in Reproduction and Contraception
- University of Washington Engineered Biomaterials (UWEB) Center
- Virginia Merrill Bloedel Hearing Research Center
- Vision Research Center

SOURCES OF CURRENT UW OPERATING FUNDS

FISCAL YEAR 2004

Total Operating Revenues — \$2.9 Billion

SOURCE: UW ANNUAL REPORT 2004



SOURCES OF UW RESEARCH AWARDS

FISCAL YEAR 2005

Total Awards — \$996 Million

SOURCE: UW ANNUAL REPORT OF AWARDS AND EXPENDITURES, FISCAL YEAR 2005

Dept. of Health and Human Services	\$535,994,852
National Science Foundation	\$88,419,994
Dept. of Defense	\$40,208,716
Dept. of Education	\$45,787,669
Dept. of Energy	\$17,155,624
Other Federal	\$64,052,132
Industry	\$35,657,999
Foundations	\$42,885,946
State of Washington	\$20,655,138
Other Non-Federal	\$105,038,072
Total Grant and Contract Awards	\$995,856,142

RESEARCH AWARDS BY SCHOOLS AND COLLEGES

FISCAL YEAR 2005

SOURCE: UW ANNUAL REPORT OF AWARDS AND EXPENDITURES, FISCAL YEAR 2005

Arch. & Urban Planning	\$847,063
Arts & Sciences	\$84,435,940
Branch Campuses	\$2,304,770
Business School	\$396,250
Dentistry	\$15,679,198
Education	\$16,662,904
Engineering	\$67,015,390
Evans School of Public Affairs	\$9,326,167
Forest Resources	\$7,181,213
Graduate School	\$4,049,203
Information School	\$1,879,930
Law	\$2,306,775
Medicine	\$470,196,732
Nursing	\$17,363,852
Ocean & Fishery Sciences	\$74,364,161
Office of Research	\$16,618,241
Pharmacy	\$15,070,029
Public Health & CM	\$84,063,576
Social Work	\$24,282,534
Undergraduate Education	\$141,666
Health Sci. Spec. Programs	\$41,771,822
Other Special Programs	\$39,898,726

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