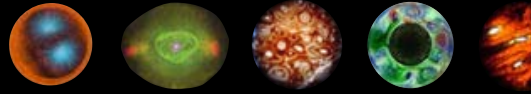


FACTS



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 University ranks fourth among universities worldwide in cited research articles and fourteenth in the number of highly cited researchers on its faculty.²

RESEARCH FUNDING IN FISCAL YEAR 2004

- \$953,561,901 total sponsored grants and contracts
- \$196,644,304 non-federal funding
- \$756,917,597 federal funding
- 5,268 grants, including 147 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: 33 members
- National Academy of Engineering: 10 members
- Gairdner International Awards: Eight recipients
- Lasker Awards: Five recipients
- National Medal of Science: Three recipients
- MacArthur Fellows: Nine recipients
- National Academy of Sciences: 43 members

¹SOURCE: National Science Foundation

²SOURCE: Shanghai Jiao Tong University Institute of Higher Education

MAJOR GRANTS IN 2004

- \$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 National Science Foundation (NSF) to establish the Learning in Informal and Formal Environments (LIFE) Center, which will focus on the human learning process
- \$6.4 million from NSF and the National Institute of Environmental Health to establish the Pacific Northwest Center for Human Health and Ocean Sciences, which focuses on harmful algae in marine waters and their affect on public health
- \$6.9 million from NIH to establish a muscular dystrophy research center
- \$30 million from the Bill and Melinda Gates Foundation for an international, multi-site study to determine whether suppressing genital herpes can significantly reduce HIV transmission
- \$50 million from the National Institute of Allergy and Infectious Diseases to lead a Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research
- \$15 million from NIH for a Combined Approach to Broadly Protective AIDS Vaccines
- \$5.3 million from the Bill and Melinda Gates Foundation for the School Finance Redesign Project

ECONOMIC AND EDUCATIONAL IMPACT

- Externally sponsored programs supported 7,600 full-time equivalent employees at the UW during FY04, more than 800 of them graduate students. Based on an economic multiplier provided by the U.S. Commerce Department, UW research funding generated about 33,000 jobs statewide.
- 185 new companies have been based on UW research advances.
- UW technology licenses generated \$15.8 million in revenue during FY04.
- The UW ranked seventh among U.S. universities in industry research funding in FY02 and eighth in licensing income.
- Over 3,600 UW undergraduates incorporated research experiences into their coursework during 2004.

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:

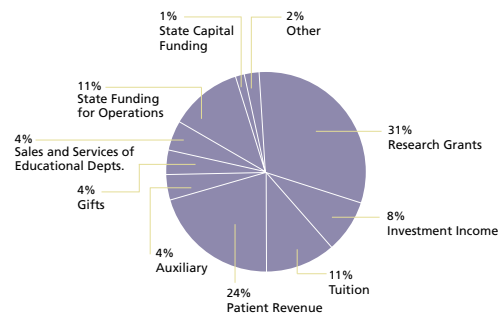
- Alzheimer's Disease Research Center
- Autism Center
- Center for AIDS Research
- Center for Cell Dynamics
- Center for Ecogenetics and Environmental Health
- Center for Functional Genomics and HCV-Associated Liver Disease
- Center for Women's Health Research
- Center on Human Development and Disability
- Clinical Nutrition Research Unit
- Core Center for Gene Therapy
- Diabetes Endocrinology Research Center
- Genome 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
- Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research
- 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 2004

Total Awards — \$954 Million

SOURCE: UW ANNUAL REPORT OF AWARDS AND EXPENDITURES, FISCAL YEAR 2004

Dept. of Health and Human Services	516,511,415
National Science Foundation	76,552,616
Dept. of Defense	40,862,971
Dept. of Education	48,853,709
Dept. of Energy	20,189,802
Other Federal	53,947,084
Industry	27,734,783
Foundations	39,630,770
State of Washington	25,846,074
Other Non-Federal	103,432,677
Total Grant and Contract Awards	\$953,561,901

RESEARCH AWARDS BY SCHOOLS AND COLLEGES

FISCAL YEAR 2004

SOURCE: UW ANNUAL REPORT OF AWARDS AND EXPENDITURES, FISCAL YEAR 2004

Arch. & Urban Planning	2,561,648
Arts & Sciences	102,653,467
Branch Campuses	674,878
Business School	13,303
Dentistry	12,891,015
Education	13,091,652
Engineering	71,036,839
Evans School of Public Affairs	12,099,739
Forest Resources	8,676,356
Graduate School	3,797,766
Information School	2,046,638
Law	121,000
Medicine	460,415,399
Nursing	19,084,426
Ocean & Fishery Sciences	64,254,197
Office of Research	9,480,741
Pharmacy	13,040,226
Public Health & CM	55,325,559
Social Work	29,109,417
Undergraduate Education	119,897
Health Sci. Spec. Programs	37,561,109
Other Special Programs	35,506,630

UW OFFICE OF RESEARCH

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

MARCH 2005

