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

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
- 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
- Edward Krebs and Edmund Fischer, 1992 Nobel Prize in Physiology or Medicine for discovery of reversible protein phosphorylation
- Leland Hartwell, 2001 Nobel Prize in Physiology or Medicine for discoveries of key regulators of the cell cycle
- Richard Roberts and Phillip Sharp, 1993 Nobel Prize in Physiology or Medicine for discoveries that led to the discovery of RNA splicing
- Linda Buck, 2004 Nobel Prize in Physiology or Medicine for discoveries of odorant receptor and the organization of the olfactory system

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 Bioderse 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 28 National Institutes of Health research centers and Centers of Excellence. Leading centers include:
- Alzheimer’s Disease Research Center
- Autism Center
- Center for AIDS Research
- Center for Cell Dynamics
- Center for Esigenetics 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 Contraction
- Regional Center of Excellence for Bioderse and Emerging Infectious Diseases Research
- Virginia Merrill Bloedel Hearing Research Center
- Vision Research Center

SOURCES OF CURRENT UW OPERATING FUNDS
- Total operating revenues — $2.9 Billion
- 31% research grants
- 4% auxiliary
- 24% patient revenue
- 11% tuition
- 11% state funding for operations
- 4% sales and services of educational dept.
- 4% gifts
- 8% investment income
- 2% other

SOURCES OF UW RESEARCH AWARDS
- Total Awards — $954 Million
- Arts and Sciences
- Business School
- Dentistry
- Engineering
- Evans School of Public Affairs
- Forest Resources
- Graduate School
- Information School
- Law
- Medicine
- Nursing
- Ocean and Fisheries Sciences
- Office of Research
- Pharmacy
- Public Health & GM
- Social Work
- Undergraduate Education
- Health Sci. Spec. Programs
- Other Special Programs

RESEARCH AWARDS BY SCHOOLS AND COLLEGES
FISCAL YEAR 2004
- Arch & Urban Planning
- Arts & Sciences
- Branch Campuses
- Business School
- Dentistry
- Education
- Engineering
- Evans School of Public Affairs
- Forest Resources
- Graduate School
- Information School
- Law
- Medicine
- Nursing
- Ocean & Fisheries Sciences
- Office of Research
- Pharmacy
- Public Health & GM
- Social Work
- Undergraduate Education
- Health Sci. Spec. Programs
- Other Special Programs

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1Source: National Science Foundation
2Source: Shanghai Xiao Tong University Institute of Higher Education

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