

BIOENGINEERING-GENOME SCIENCES BUILDING

Size

Total Building = 265,000 gross ft²
 Bioengineering = 123,000 gross ft²
 Genome Sciences = 133,000 gross ft²

Features

Bioengineering Physiology Teaching Lab
 Molecular Bioengineering Teaching Lab
 Instrumentation Teaching Lab
 2 computer laboratories
 Student workroom/lounge
 Undergraduate Project Lab
 60-seat seminar room
 State-of-the-Art Research Laboratories
 200-seat auditorium
 Cafeteria

Cost

\$150 million

Funding

\$70 million: Gates Foundation
 \$12 million: Federal Government
 \$10 million: Whitaker Foundation
 Other private sources

Schedule

Groundbreaking: August 12, 2003
 Construction Begins: Late August 2003
 Construction Finished: November 2005



University of Washington Bioengineering

NIH Funding for 2004

For the fifth straight year, the University of Washington College of Engineering received more NIH funding than any other U.S. biomedical engineering department or engineering school.

Funding information is available at the NIH website, <http://grants1.nih.gov/grants/award/awardtr.htm#c>, for the federal fiscal year 2004.¹ The table below shows data from three categories, compiled appropriately for each school; figures are for annual direct and indirect costs. NIH funds to UW Bioengineering alone totaled \$11.5 million.² This is 57 percent of the UW total for all engineering departments, \$20.1 million.³ Georgia Tech/Emory received \$13.3 million for all engineering departments combined. Other schools in the top five were Johns Hopkins, Caltech, and Stanford.

Sixteen of our faculty received NIH funding in 2004, some through multiple grants. We are home to two NIH research resource centers: the Resource Facility for Population Kinetics and the National ESCA and Surface Analysis Center for Biomedical Engineering. And under NIH Bioengineering Research Partnership funding, our faculty and students work to engineer cardiac muscle that could eventually form a contracting tube or ventricular assist organ.

In total, the UW Department of Bioengineering received \$23.7 million in funding from federal agencies, industry, foundations, and other sources July 1, 2003 to June 30, 2004.

Rank	Institution	Biomedical Engineering Schools (\$ Million)	Medical Schools: Biomedical Engineering (\$ Million)	Medical Schools: Engineering (\$ Million)	Total (\$ Million)
1	UW	18.14	—	1.92	20.06
2	Georgia Tech/Emory	9.87	3.43	—	13.30
3	Johns Hopkins	4.21	8.17	—	12.38
4	Caltech	11.37	—	—	11.37
5	Stanford	6.26	4.41	—	10.66
6	University of Michigan	9.16	1.35	—	10.50
7	Boston University	10.30	—	—	10.30
8	UC San Diego	10.20	—	—	10.20
9	Duke	9.72	—	—	9.72
10	MIT	9.17	—	—	9.17
11	Case Western	7.83	—	—	7.83
12	University of Florida	6.53	—	—	6.53
13	University of Wisconsin Madison	6.22	—	—	6.22
14	UC Davis	6.06	—	—	6.06
15	University of Utah	5.66	—	—	5.66
16	Northwestern University	5.56	—	—	5.56
17	University of Southern California	5.49	—	—	5.49
18	Cornell University	4.77	—	—	4.77
19	University of Delaware	4.22	—	—	4.22
20	University of Pennsylvania	4.17	—	—	4.17

¹ October 1, 2003 through September 30, 2004

² Figure is from UW Bioengineering grants management records

³ Electrical Engineering, Chemical Engineering, Mechanical Engineering, Materials Science and Engineering, Computer Science and Engineering, and other engineering departments combined generated the remaining \$8.6 million