

Research Expenditures per Doctoral Student and Doctoral Student-Faculty Ratios at Top 30 U.S. Engineering Schools

USN&WR 2016 Rank	School (Private Schools in Bold)	Research Expenditure per Ph.D. Student							Doctoral Student-Faculty Ratio						
		2010	2011	2012	2013	2014	2015	2016	2010	2011	2012	2013	2014	2015	2016
1	Massachusetts Institute of Technology	\$181K	\$190K	\$173K	\$182K	\$184K	\$220K	\$215K	4.6	4.7	5.5	5.5	5.6	5.6	5.5
2	Stanford University	\$116K	\$112K	\$108K	\$108K	\$109K	\$112K	\$110K	7.8	8.1	8.3	7.7	7.4	7.2	7.4
3	University of California—Berkeley	\$125K	\$126K	\$128K	\$137K	\$143K	\$143K	\$147K	6.0	6.8	6.7	6.2	5.8	5.7	5.5
4	California Institute of Technology	\$173K	\$152K	\$157K	\$198K	\$198K	\$223K	\$216K	5.6	6.1	6.1	6.1	5.4	5.1	4.9
5	Carnegie Mellon University	\$245K	\$247K	\$254K	\$258K	\$254K	\$265K	\$144K	4.9	4.9	5.3	5.5	5.2	4.5	4.2
6	University of Michigan—Ann Arbor	\$117K	\$124K	\$125K	\$152K	\$164K	\$163K	\$177K	4.4	4.2	4.3	4.0	3.9	4.1	4.1
7	Georgia Institute of Technology	\$104K	\$105K	\$91K	\$82K	\$83K	\$83K	\$86K	4.8	5.1	5.0	4.9	5.0	4.8	5.2
7	University of Illinois—Urbana-Champaign	\$125K	\$131K	\$136K	\$132K	\$131K	\$126K	\$118K	4.5	4.4	4.3	4.3	4.1	4.0	4.3
9	Purdue University—West Lafayette	\$117K	\$132K	\$141K	\$135K	\$126K	\$121K	\$130K	4.7	4.9	5.3	5.5	5.1	5.1	5.2
10	University of Texas—Austin	\$99K	\$111K	\$111K	\$119K	\$111K	\$112K	\$116K	5.9	5.7	5.4	5.1	5.6	5.8	5.8
11	Texas A&M University—College Station	\$232K	\$215K	\$181K	\$191K	\$192K	\$193K	\$173K	3.2	3.9	4.9	4.6	4.0	4.0	4.0
12	Cornell University	\$141K	\$148K	\$143K	\$147K	\$150K	\$151K	\$121K	3.6	3.8	3.8	3.8	3.8	3.6	3.7
12	University of Southern California	\$187K	\$170K	\$170K	\$178K	\$180K	\$189K	\$189K	5.8	5.7	5.8	5.8	5.8	5.4	5.5
14	Columbia University	---	---	---	---	---	---	---	4.3	4.5	4.9	5.3	5.4	5.4	5.0
14	University of California—Los Angeles	\$100K	\$109K	\$101K	\$107K	\$106K	\$116K	\$103K	6.0	6.0	6.0	6.1	6.1	5.5	5.5
17	University of California—San Diego	\$160K	\$156K	\$168K	\$154K	\$144K	\$152K	\$148K	4.8	5.1	5.1	5.3	5.3	5.0	5.2
18	Princeton University	\$137K	\$135K	\$168K	\$169K	\$167K	\$170K	\$111K	4.2	4.2	4.0	4.0	4.1	4.1	4.4
19	Northwestern University	\$148K	\$131K	\$131K	---	\$128K	\$122K	\$125K	4.6	4.4	4.6	4.7	4.6	4.9	4.8
19	University of Pennsylvania	\$106K	\$228K	\$226K	\$239K	\$228K	\$224K	\$217K	4.2	4.2	4.5	4.2	4.2	4.0	4.1
21	Johns Hopkins University	\$106K	\$104K	\$109K	\$117K	\$146K	\$156K	\$146K	4.6	4.8	4.7	4.9	4.6	4.5	4.2
21	Virginia Polytechnic Institute and State U	\$111K	\$117K	\$111K	\$126K	\$135K	\$131K	\$105K	3.9	3.9	4.1	4.2	3.8	3.8	3.5
23	University of California—Santa Barbara	---	---	---	---	\$200K	\$179K	\$188K	4.3	4.6	4.6	4.7	4.3	4.2	3.7
24	Harvard University	\$122K	\$136K	\$140K	\$127K	\$157K	\$126K	\$127K	5.8	4.9	5.4	5.1	4.7	4.5	4.6
24	University of Maryland—College Park	\$157K	\$171K	\$172K	\$153K	\$147K	\$147K	\$162K	4.4	4.5	4.8	4.2	4.2	4.3	4.2
24	University of Washington	\$135K	\$132K	\$125K	\$139K	\$139K	\$144K	\$152K	3.5	3.8	3.9	3.8	3.9	3.8	3.9
27	North Carolina State University	\$127K	\$133K	\$132K	\$146K	\$140K	\$147K	\$154K	3.3	3.4	3.6	3.4	3.6	3.6	3.7
27	Pennsylvania State University	\$105K	\$119K	\$130K	\$163K	\$148K	\$86K	\$85K	3.4	3.3	3.3	3.3	3.6	3.5	3.4
27	University of Minnesota—Twin Cities	\$87K	\$99K	\$94K	\$87K	\$99K	\$103K	\$116K	5.2	5.0	4.8	4.8	4.5	4.5	4.5
30	Duke University	\$178K	\$201K	\$172K	\$190K	\$212K	\$198K	\$195K	4.0	4.2	4.4	4.5	4.4	4.4	4.3
31	Ohio State University	\$125K	\$131K	\$122K	\$117K	\$121K	\$121K	\$126K	3.6	3.6	3.7	3.6	3.5	3.9	3.8
31	Rice University	\$86K	\$94K	\$90K	\$95K	\$87K	\$96K	\$109K	4.8	4.7	4.7	5.0	5.3	5.4	5.3
	Total or Average for 31 Schools	\$128K	\$133K	\$132K	\$133K	\$141K	\$142K	\$136K	4.5	4.7	4.8	4.7	4.6	4.6	4.6

Source: <http://profiles.asee.org>