

Table 8. Tenured/Tenure Track Faculty at the "Top 50" Mechanical Engineering Departments by Race/Ethnicity, by Gender, and by Rank (FY 2005)*

University	White				Black				Hispanic				Asian				Native American				Total
	Full	Assoc	Asst	Tot	Full	Assoc	Asst	Tot	Full	Assoc	Asst	Tot	Full	Assoc	Asst	Tot	Full	Assoc	Asst	Tot	
Johns Hopkins	11.002	-	3.001	14.003	-	-	-	0	-	-	-	0	2	-	4.001	6.001	-	-	-	0	20.004
Rochester**	11.001	2	1.001	14.002	-	-	-	0	-	-	-	0	1	-	1	2	-	-	-	0	16.002
Utah St	4	8.005	-	12.005	-	-	-	0	-	-	-	0	-	-	3	3	-	-	-	0	15.005
Pennsylvania St	22.001	6.002	4.001	32.004	-	1	-	1	1	-	-	1	10	-	3.001	13.001	-	-	-	0	47.005
Michigan**	20.002	18.007	-	38.009	-	-	-	0	1	-	-	1	8	5	-	13	-	-	-	0	52.009
Georgia Tech	29	13.001	5	47.001	1	1	1	3	1	1	-	2	5	6.002	1.001	12.003	-	-	-	0	64.004
MIT**	33.002	5	9.003	47.005	1	-	1	2	-	-	-	0	7	3	3.003	13.003	-	-	-	0	62.008
Stanford**	20	7.001	6.001	33.002	-	1	-	1	-	1	-	1	2	1	3	6	-	-	-	0	41.002
Texas A&M	19.001	6	4	29.001	-	-	-	0	1	-	1	2	9	5.001	6	20.001	-	-	-	0	51.002
UCLA	18.002	1	5	24.002	-	-	-	0	-	-	-	0	9	-	1	10	-	-	-	0	34.002
Purdue	29.003	13	5	47.003	-	-	-	0	-	-	-	0	4	4.001	-	8.001	-	-	-	0	55.004
VA Polytechnic	16.002	13.001	6.001	35.004	-	-	-	0	-	-	-	0	-	-	-	0	-	-	-	0	35.004
Maryland	19	14.002	4.001	37.003	-	-	-	0	-	-	-	0	-	4	1	5	-	-	-	0	42.003
UT Austin	30.003	5.001	8.001	43.005	-	2.001	-	2.001	1	2	-	3	1	1	2	4	-	-	-	0	52.006
SUNY Buffalo	8.001	3	2	13.001	-	-	-	0	-	-	-	0	2.002	6	2.001	10.003	-	-	-	0	23.004
Florida St	5	2	1	8	1	2.001	1	4.001	-	-	1	1	4	2	-	6	-	-	-	0	19.001
Illinois Urbana Champaign	17	11	9	37	1	-	-	1	-	-	-	0	1	1	6.001	8.001	-	-	-	0	46.001
Arizona	14	3	2	19	-	-	-	0	1	-	-	1	1	-	-	1	-	-	-	0	21
Ohio St	19	8	3.001	30.001	1	-	-	1	-	-	1	1	10.001	1	3	14.001	-	-	-	0	46.002
Minnesota	26.003	1.001	3.002	30.006	-	1	-	1	-	-	-	0	5	3	-	8	-	-	-	0	39.006
Dayton	6	4	3.001	13.001	-	-	-	0	-	-	-	0	4	-	-	4	-	-	-	0	17.001
North Carolina St	15	12	2.002	29.002	-	1	1	2	-	-	-	0	1	2	4.001	7.001	-	-	-	0	38.003
West Virginia	18	2	3	23	-	-	-	0	2	-	-	2	1	-	-	1	-	-	-	0	26
UC Davis**	18	5	2	25	-	-	-	0	-	-	1.001	1.001	5.001	-	2.001	7.002	-	-	-	0	33.003
Arizona St	5	2	2	9	-	-	-	0	-	1	-	1	5	2	-	7	-	-	-	0	17
Michigan Tech	8	11.002	8.001	27.003	-	-	-	0	-	-	-	0	5	6	1	12	-	-	-	0	39.003
Michigan St	15	12	2	29	1	-	-	1	1	-	1	2	1	2.001	1	4.001	-	-	-	0	36.001
Alabama Huntsville	7	4	1.001	12.001	-	-	-	0	-	-	-	0	2	1	-	3	-	-	-	0	15.001
UC San Diego	23.004	5	3	31.004	-	-	-	0	1	-	-	1	5	1.001	2	8.001	-	-	-	0	40.005
Rutgers**	10	2.001	1	13.001	-	-	-	0	-	1	-	1	4	2	7	13	-	-	-	0	27.001
Clemson	13	3	5.001	21.001	-	-	-	0	-	-	-	0	1	-	2	3	-	-	-	0	24.001
Louisiana St**	5	3	2	10	-	1	1	2	-	-	1	1	3	5	4	12	-	-	-	0	25
Woods Hole Ocean**	10	8.001	2.001	20.002	-	-	-	0	-	-	-	0	1	-	1	2	-	-	-	0	22.002
Northwestern**	20.001	4	3.001	27.002	-	-	-	0	2	-	-	2	3	5.003	-	8.003	-	-	-	0	37.005
Massachusetts	8	3	5.001	16.001	-	-	-	0	-	-	1.001	1.001	2	4	2	8	-	-	-	0	25.002
Illinois Chicago	10	1	2	13	-	-	-	0	-	-	1.001	1.001	4	1	1	6	-	-	-	0	20.001
Delaware	6	4	3.002	13.002	-	-	-	0	-	-	-	0	4	3.001	2.001	9.002	-	-	-	0	22.004
Colorado St	7	8.002	1	16.002	-	-	-	0	-	-	1	1	2	-	-	2	-	-	-	0	19.002
Case Western	9.001	1.001	2.001	12.003	-	-	-	0	-	-	-	0	4	1	-	5	-	-	-	0	17.003
Wisconsin**	19.001	2.001	12.001	33.003	-	-	-	0	-	-	-	0	-	3	1	4	-	-	-	0	37.003
Virginia	13.001	9	1.001	23.002	-	-	-	0	-	-	-	0	-	-	-	0	-	-	-	0	23.002
Auburn	8	5	3	16	-	-	-	0	-	-	1	1	1	1	3	5	-	-	-	0	22
Iowa	7	2	3	12	-	-	-	0	-	-	-	0	4	3	4.001	11.001	-	-	-	0	23.001
Brown U**	4	3.001	-	7.001	-	-	-	0	-	-	-	0	1	-	2	3	-	-	-	0	10.001
UC Santa Barbara	21.001	6.001	2	29.002	-	-	-	0	1	-	-	1	2	-	1	3	-	-	-	0	33.002
Florida	11	13.002	8.001	32.003	-	1	-	1	-	-	-	0	7	3	2.001	12.001	-	-	-	0	45.004
Rensselaer Polytech	15.001	10.001	4	29.002	1	-	-	1	-	1	-	1	3	3	2	8	-	-	-	0	39.002
Colorado**	10	4.002	3.001	17.003	-	-	-	0	-	-	-	0	4	1	1	6	-	-	-	0	23.003
Cal Tech	8.001	1	1.001	10.002	-	-	-	0	1	-	-	1	2	-	-	2	-	-	-	0	13.002
Duke	8	6.001	6.002	20.003	-	-	-	0	1	-	-	1	1	-	-	1	-	-	-	0	22.003
Mechanical Eng Total	707.034	294.037	175.032	1176.103	7	11.002	5	23.002	15	7	10.003	32.003	163.004	91.010	84.013	338.027	0	0	0	0	1569.135
Percent within race	60%	25%	15%	100%	30%	48%	22%	100%	47%	22%	31%	100%	48%	27%	25%	100%	0%	0%	0%	0%	
Percent of grand total	45.1%	18.7%	11.2%	75.0%	0.4%	0.7%	0.3%	1.5%	1.0%	0.4%	0.6%	2.0%	10.4%	5.8%	5.4%	21.5%	0%	0%	0%	0%	100%
Females in column	4.8%	12.6%	18.3%	8.8%	0%	18.2%	0%	8.7%	0%	0%	30.0%	9.4%	2.5%	11.0%	15.5%	8.0%	0%	0%	0%	0%	8.6%

*By mechanical engineering research expenditures FY2002, NSF, www.nsf.gov/sbe/srs/nsf04330/sectb.htm; numbers after decimals designate females. **Data are from sources other than department ch

Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2005; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html