A National Analysis of MINORITIES in Science and Engineering Faculties at Research Universities

by

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supervising
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http://chem.ou.edu/~djn/diversity/Faculty_Tables_FY07/FinalReport07.html

EXECUTIVE SUMMARY

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The first national and most comprehensive demographic analysis to date of tenured and tenure track faculty in the top 100 departments of science and engineering disciplines shows that minorities and women are significantly underrepresented. There are relatively few tenured and tenure-track underrepresented minority (URM) faculty in these research university departments, even though a growing number and percentage of minorities are completing their Ph.D.s. Qualified minorities are not going to faculties of many science and engineering disciplines. However, in some engineering disciplines, there is a better match between the percentage of URMs in recent Ph.D. attainment versus among assistant professors. The percentage of URMs in science and engineering B.S. attainment generally continues to increase, but they are likely to find themselves without the minority faculty needed for optimal role models and mentors.

There are few minority full professors in the physical sciences and engineering disciplines studied; the highest percentage of all URMs combined among full professors is less than 5% (chemical engineering). Comparing the representation of URMs among assistant professors in the top 50 departments, versus those in the next group of 50, gives mixed results; in engineering, the top 50 departments have higher percentages of URMs, while the top 50 chemistry, math, and computer science departments have much lower representations of URMs. In each discipline except biological sciences, the percentage of White males in top 50 departments is about equal to or greater than in the next group of 50.

URM women faculty, especially "full" professors, are almost nonexistent in physical sciences and engineering departments at research universities. Surprisingly, most of the few female minority full professors in those disciplines were not born in the U.S.

In most disciplines studied, the percentage of URMs among recent Ph.D. recipients is significantly above their percentage among assistant professors; exceptions include civil engineering and mechanical engineering. In the top 50 departments of chemistry and math, the percentage of Hispanic and Native American faculty among assistant professors is lower than among associate professors, revealing a decline in hiring these minorities. In contrast, in all disciplines studied, the highest percentage of female faculty is at the level of assistant professor, as a result of increased recent hiring of women.

In most disciplines, URM faculty are so few that a minority student can get a B.S. or Ph.D. without being taught by or having access to a URM professor in that discipline. However, there is a disproportionate number of White male professors as role models for White male students. For example, in 2005, 16.7% of the students graduating with a B.S. in chemistry were URMs, but in 2007, only 3.9% of faculty at the top 100 chemistry departments were URMs. For females, those data are 51.7% and 13.7%, respectively. In contrast, the corresponding percentages for White males are 37.4% and 74.2%, respectively. While the percentages of women and of URMs in science and engineering Ph.D. attainment have increased in recent years, the White men still dominate the corresponding faculties.

A cycle is perpetuated. Minorities are less likely to enter and remain in science and engineering when they lack mentors and role models. In most science and engineering disciplines, the percentage of URMs among faculty recently hired is not comparable to that of recent minority Ph.D.s. and is far below that of recent BS recipients. This results in fewer minority faculty to act as role models for minority students. Minority students observe this in the course of sampling the educational environment. If minority professors are not hired, treated fairly, and retained, minority students perceive that they will experience the same. This will not encourage them to persist in that discipline.

Trends in data for women are very similar to those observed for URMs, but more obvious due to greater magnitudes. Therefore, the most useful comparisons may be those for representation of women across disciplines. For example, in the top 100 departments, the representation of females among professors in chemistry, versus astronomy or earth sciences, is lower at each rank. The ratios of chemistry: astronomy: earth science are 21.2%: 25.3%: 28.2% for assistant professors, and 13.7%: 15.8%: 16.5% for professors of all ranks combined. However, the representation of female students in chemistry is and has been higher than that of astronomy or earth sciences for years (51.7%: 42.4%: 41.9% for B.S. in 2005, and 32.4%: 22.7%: 31.8% average for Ph.D.s in 1996 – 2005). Astronomy and earth science may have desirable hiring practices which could be used by other disciplines.

Using these data to identify points of strength and challenge for each discipline could guide the search for programs, resources, and attitudes which are responsible for the results. We hope this will facilitate the transfer of good practices among disciplines.

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Introduction

The U.S. faces impending national, international, and global crises that will require the expertise and effort of scientists and engineers, such as the energy challenge, environmental issues, globalization of our economy, national security considerations, and the technological industries' impending "Great Crew Change."[1] In order for these crises to be addressed with consideration of U.S. values, culture, and interests, there must be adequate participation of U.S. scientists and engineers. U.S. scientists and engineers will embody these traits due to their U.S. life experiences and will convey them while addressing these crises. Simultaneously, the U.S. science and engineering work force is aging; "baby boomer" scientists and engineers are leaving the U.S. work force. The increasing need for scientists and engineers who imprint U.S. values, culture, and interests, combined with the increasing loss of current U.S. scientists and engineers, creates a critical situation. Therefore, the need for transferring U.S. values, culture, and interests while developing solutions to the national, international, and global crises, will grow more critical with time.

In order for U.S. citizens to enter the scientific work force, they must acquire necessary knowledge and skills, usually by passing through U.S. educational institutions. In planning the education of our future scientific work force, an essential consideration is the changing demographics of our population, which will constitute the pool from which future U.S. scientists and engineers will be drawn and the constituents who future U.S. scientists and engineers will serve. The U.S. population is increasing in Blacks, Hispanics, and Native Americans, known collectively as underrepresented minorities (URMs). Also, the women's share of the general U.S. work force continues to increase. Together, URMs and women constitute almost two-thirds of the U.S. population; as their representations increase in the work force, underutilizing their talent and potential in science and engineering is not only impractical, but also detrimental to the nation's future success. It is important that U.S. educational institutions are able to accommodate the needs of this large segment of our population, so that those citizens will be fully represented in the U.S. scientific work force. In this way, diverse talents of U.S. URMs and women, will be included in formulating solutions to these crises.

Because the values, culture, and interests of scientists and engineers in leadership positions will greatly influence solutions to our national, international, and global crises, it is important that URMs and women be represented among those leaders. An education from a highly-ranked university is often a credential for such a leadership position; most U.S. science and engineering leaders passed through highly-ranked educational institutions. Therefore, it is desirable to explore the degree to which the highest ranking U.S. academic science and engineering departments are prepared to serve U.S. URM and women students. This will influence whether U.S. URMs and women will be among the U.S. scientists and engineers who will lead the development of solutions to the crises mentioned above.

Simple measures of these departments' accommodation of and appeal to URM and women students can be made by assessing the representations of URMs and women at points along the academic pipeline. We report herein the results of comparing the shares held by underrepresented groups at pertinent points in academia, by discipline. These comparisons are: (1) recent B.S. recipients versus faculty, in order to gauge same-race or same-gender mentors and role models for the students; (2) recent Ph.D. recipients versus assistant professors, in order to gauge utilization of the faculty hiring pool; (3) faculty distributions by rank, in order to gauge overall progress toward faculty diversification; and (4) in some disciplines, URM faculty rank versus year and country of each degree, in order to explore effects of being a native-born U.S. citizen.

"Underrepresented minorities are projected to constitute almost 32% of the American population by 2020, outnumbering White males (30.1%).[2] Therefore, proactive steps should be taken now in order to insure the proportionate inclusion of such a large part of the U.S. population in science and engineering, throughout all levels of academia."
Dr. Donna J. Nelson, Associate Professor, University of Oklahoma

General Methods

Our data were gathered by surveying the top 100 departments in each of fifteen science and engineering disciplines, as ranked by the National Science Foundation (NSF) according to research funds expended.[3] Each department chair was asked to provide the gender, race/ethnicity, and rank of each tenured or tenure track faculty member. Data from chairs were entered into tables, which are provided in the Appendix. A URL to posted tabulated data was emailed to respondents, with a request that they report any desired changes, and requested changes were made. Details of our methodology are given in a separate section at the end of this report. The rationale for the unusual grouping of disciplines used herein is detailed in the section on "Females."

Alternate Solutions

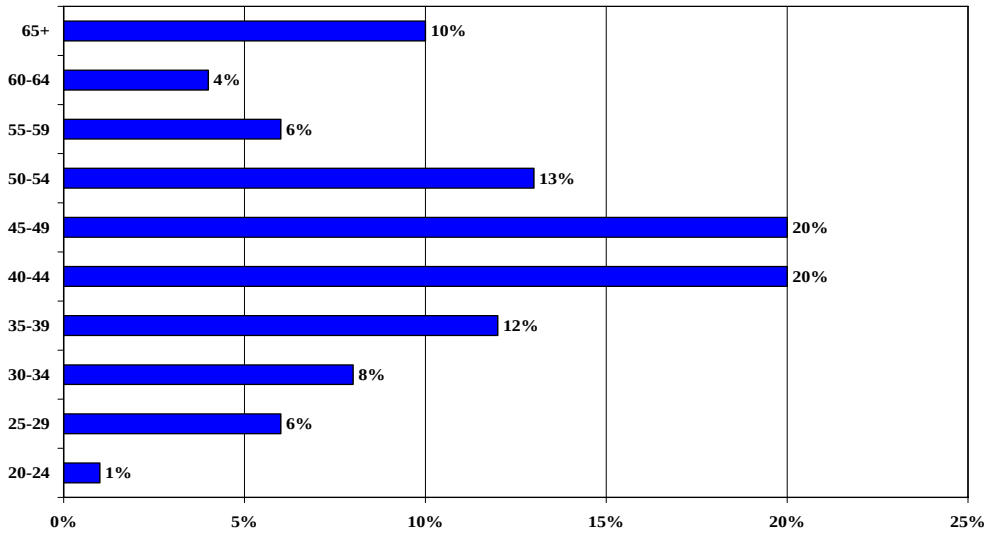
An obvious source of U.S. scientists and engineers is future generations of U.S. citizens. Many programs focus on increasing the interest of students, ranging from pre-college to kindergarten, in science and engineering. This is an extremely worthy goal for long-term solutions. However, it is not a practical solution for the critical immediate need for U.S. scientists and engineers, which we face due to the impending "Great Crew Change"; there simply is not enough time. The Independent Petroleum Association of America estimated that by 2010 40% of their skilled professionals will reach retirement age (Figure 1).[1] The "Great Crew Change" will be over before the younger students could receive the education and/or experience they need to become leaders in science and engineering.

Another solution to meet U.S. needs for scientists and engineers is to import them. This solution does offer a way to increase the diversity of our science and engineering work force. This is being proposed and encouraged by many professional organizations through a variety of programs and activities. However, excessive reliance on this solution can create a different problem. If people from overseas become a majority of U.S. scientists and engineers, then U.S. women and minorities will continue to be underrepresented in science and engineering. Also, this will not guarantee that those scientists and engineers will embody U.S. values, culture, and interests to the same extent as native U.S. citizens; thus predominantly using this solution will not insure that U.S. values, culture, and interests will be imprinted on solutions to the above crises. Similarly, exporting technological jobs and the related technological development will diminish the influence of U.S. values, culture, and interests.

The above alternate solutions address the problem of insufficient scientists and engineers in the U.S. However, they do not fulfill the need for scientists and engineers who will transfer U.S. values, culture, and interests while developing solutions to critical national, international, and global crises. Underutilization of segments of our society combined with our aging scientific work force, will exacerbate this need.[4] Thus, we (1) have increased need for U.S. scientists, (2) face increased incipient retirements, and (3) will need to recruit U.S. replacements with a greater share of underrepresented groups than ever before. If U.S. scientists and engineers are to meet these future scientific demands, then the U.S. will need to find a way to produce those scientists and engineers.

"If the proportion of Blacks and Hispanics among chemists doesn't keep up with the proportion of these groups in the general population, who's going to do chemistry in the future?"
Paul Walter, *Past President,* American Chemical Society; *Past President,* American Association of University Professors [5]

Figure 1. Oil and Gas Workforce Age Distribution [1c]



I. Disparity Between Representations of URMs in Academia versus the U.S. Population

A Person Like Me

Although the representation of Blacks, Hispanics, and Native Americans in the 2006 U.S. population was estimated [6] to be 12.8%, 14.8%, and 1.1%, respectively, their representation at almost each point in academia is lower. If the URM representation among U.S. professors is noticeably less than in the general population, especially at higher levels in academia, this can influence URM students' self-esteem [7] and the evaluation which URMs make of their own likelihood to receive appropriate rewards and reach higher levels in academia.[8]

Our data (See Appendix.) reveal that few science and engineering departments have more than a single URM faculty member. As a result, minority faculty can feel isolated or marginalized, and attempts at change made by URMs can make little or no difference.[9] Some URM faculty have reported being overwhelmed with advising numerous minority student organizations and token assignments on multiple committees.[10] Some minority professors cite a hostile working environment as their biggest job-related concern.[10] It has been reported that negative office politics can have more detrimental impacts than outright acts of discrimination.[10] Students sample this environment while pursuing their degrees; if URM students' mentors and role models are struggling instead of thriving, then URM students perceive that they will struggle similarly if they continue to those same levels in academia.[8]

Glacial URM Faculty and Promotion Increases

As seen in Table 1, the few minority faculty members present in academia are usually concentrated in the lower ranks, chiefly as assistant professors. For example, in sociology all URMs combined represent 19.2% of assistant professors (newest hires), 11.1% of associate professors, and 10.8% of "full" professors in FY2007. In only 3 of the 15 disciplines surveyed in FY2007 are the majority of URM faculty at the rank of associate professor. In no discipline surveyed was the highest percentage of URMs at the rank of "full" professor. The opposite is true for White males.

Consequently, a relatively large proportion of minority faculty members lack tenure. Without job security or a critical mass, most minority faculty members lack the capability or leverage to change the environment greatly within their discipline.[10] Many URM faculty feel they have worked too hard to reach their current position to risk losing their job, no matter how alienating or unfavorable their environment.[11] Tenure is given and denied by other faculty members, giving untenured faculty little incentive to challenge the status quo.[11]

The slow promotion rate of URM faculty has significant consequences. It results in consistently low numbers of tenured minority faculty members, and therefore it impedes progress in improving the environment of minority faculty members.[10] Moreover, only 5 of the 9 engineering and physical sciences disciplines increased their representations of URM professors from FY2002 [12] to FY2007.

Table 1. URM Professors (Black, Hispanic, Native American) by Rank and Year at the Top 50

Discipline	FY2002*				FY2007			
	Assistant	Associate	Full	All Ranks	Assistant	Associate	Full	All Ranks
Chemistry	2.8%	7.5%	2.3%	3.2%	4.7%	5.4%	3.0%	3.7%
Math	6.0%	4.6%	3.0%	3.6%	2.3%	2.7%	2.2%	2.3%
Computer Science	2.1%	1.7%	1.3%	1.6%	3.1%	2.9%	1.9%	2.5%
Astronomy**	5.5%	4.0%	1.6%	2.5%	3.3%	2.1%	2.0%	2.2%
Physics	5.2%	2.8%	2.0%	2.6%	4.4%	2.2%	2.0%	2.5%
Chemical Eng.	3.4%	8.2%	4.2%	4.9%	7.7%	6.8%	4.7%	5.6%
Civil Eng.	9.3%	4.8%	3.9%	5.4%	10.5%	8.0%	4.4%	6.6%
Electrical Eng.	5.4%	8.2%	2.2%	4.3%	4.3%	4.6%	3.0%	3.6%
Mechanical Eng.	7.0%	5.4%	2.4%	3.9%	8.1%	5.3%	2.8%	4.3%
Economics	6.6%	4.4%	3.4%	4.3%	10.9%	5.7%	3.7%	5.7%
Political Science	8.0%	9.8%	4.5%	6.9%	8.3%	8.3%	5.4%	6.9%
Sociology	14.8%	12.4%	6.6%	10.1%	19.2%	11.1%	10.8%	12.9%
Psychology	12.0%	9.4%	3.1%	6.3%	12.5%	8.0%	4.5%	7.1%
Biological Sciences	5.7%	3.0%	2.1%	3.0%	6.5%	4.4%	2.5%	3.8%
Earth Sciences	not available				5.4%	5.4%	2.0%	3.4%

*Chemistry and astronomy data are for FY2003. **Top 40 departments in FY2007

II. Increase in URMs Among Ph.D. Recipients

Between the years 1986-1995 and 1996-2005, the percentage of Ph.D. recipients who are URMs increased by about 2.5%, a growth rate below that of females (5.9%). This increase in representation among Ph.D. recipients is much less than the 7% increase in URM representation in the U.S. population from 1980-2000 (18.8 % to 25.9%).[2] Most of this 7% increase can be attributed to a rise in the Hispanic population (from 6.4% to 12.6%).[2]

The cause of this slow growth in Ph.D. attainment is only partly revealed by comparing the representation of URMs among B.S. recipients in 2000 versus Ph.D. recipients in 2005 (Table 3). On average, URM representation in Ph.D. attainment drops from that in B.S. attainment by a factor of 2 to 3. This trend suggests that more efforts and programs should be directed at strengthening the pipeline at this transition. In none of the disciplines surveyed was the representation of URMs among Ph.D. recipients larger than among B.S. recipients.

Table 2. Percentage of Ph.D.s Earned, by Race and Decade, in Science and Engineering Disciplines

Discipline	Black		Hispanic		Native		Asian		Female		White Male	
	1986-1995	1996-2005	1986-1995	1996-2005	1986-1995	1996-2005	1986-1995	1996-2005	1986-1995	1996-2005	1986-1995	1996-2005
Chemistry	1.7	3.5	3.2	3.4	0.4	0.6	11.4	12.8	26.3	32.4	62.6	55.3
Math	1.5	2.5	2.3	3.3	0.2	0.3	13.9	12.4	22.5	28.7	64.1	58.7
Computer Science	1.1	3.2	1.5	2.9	0.3	0.5	16.7	19.0	19.8	21.2	64.2	59.9
Astronomy	0.7	0.9	2.1	2.8	0.3	0.4	5.9	7.2	15.2	22.7	77.9	68.6
Physics	1.0	2.0	2.5	2.9	0.2	0.3	13.6	13.2	10.8	14.3	75.0	70.8
Chemical Eng.	1.8	3.2	2.5	3.9	0.3	0.6	18.1	17.9	17.1	23.7	64.4	58.5
Civil Eng.	2.3	3.3	3.7	4.4	0.3	0.5	17.9	16.5	12.7	22.0	65.6	58.6
Electrical Eng.	1.9	3.8	2.2	3.7	0.2	0.4	25.2	26.2	8.6	12.3	64.8	59.1
Mechanical Eng.	1.3	1.5	1.8	1.9	0.2	0.3	23.1	24.5	7.3	8.4	68.2	66.0
Economics	4.0	3.9	2.6	4.3	0.2	0.2	10.1	13.6	25.7	30.2	61.4	55.1
Political Science	7.5	8.0	3.3	4.0	0.3	0.7	5.1	5.2	32.8	38.9	55.3	51.0
Sociology	6.8	9.5	4.8	5.9	0.6	1.0	6.1	6.6	53.4	60.8	37.2	29.9
Psychology	3.9	5.8	3.9	6.3	0.5	0.8	2.3	4.3	59.1	67.8	37.0	27.5
Biological Sciences	1.8	3.0	2.7	4.2	0.3	0.6	9.8	14.7	39.6	46.3	51.9	42.2
Earth Sciences	0.2*	1.4	1.9*	3.4	-*	0.7	18.6*	7.4	22.5*	31.8	62.1*	59.5

*Data are for 1995 only.

Table 3. URMs Among Degree Recipients and All Professors

Discipline	B.S.		Ph.D.		Top 50 Faculty	
	2000	2005	2000	2005	FY2002	FY2007
Chemistry	17.0%	16.7%	8.4%	8.5%	3.2%	3.7%
Math	14.4%	13.1%	5.5%	9.1%	3.6%	2.3%
Computer Sci	17.6%	20.6%	7.4%	6.5%	1.6%	2.5%
Electrical Engr	15.8%	16.1%	6.8%	9.5%	4.3%	3.6%
Mechanical Engr	12.5%	11.5%	8.6%	8.9%	3.9%	4.3%
Physics	9.5%	10.3%	5.9%	5.6%	0.0%	2.5%
Civil Engr	14.0%	14.7%	6.3%	8.2%	4.3%	5.6%
Chemical Engr	14.2%	14.3%	7.2%	11.0%	6.9%	6.6%
Astronomy	6.4%	16.1%	3.8%	4.5%	10.1%	6.6%
Economics	12.4%	13.1%	9.2%	10.7%	4.3%	5.7%
Political Science	20.1%	20.8%	12.1%	13.9%	6.9%	6.9%
Sociology	27.0%	28.7%	17.7%	19.2%	10.1%	12.9%
Psychology	20.1%	21.6%	13.3%	13.4%	6.3%	7.1%
Biological Sci	15.5%	16.5%	7.4%	9.6%	3.0%	3.8%
Earth Sciences	5.4%	6.6%	5.2%	6.7%	na	3.4%

"If we engage the talent — with its beauty and the beautiful minds — of all of our young people in science and engineering studies and professions — we will address our national self-interest. And, we will have acknowledged the value inherent in talent and inherent in diversity."
Shirley Ann Jackson, Ph.D., President, Rensselaer Polytechnic Institute [13]

III. URMs Among Ph.D. Recipients (Hiring Pool) versus Assistant Professors (Recent Hires)

Comparing representations of URMs, shows a disparity between their representations among 1996 – 2005 Ph.D. recipients (the hiring pool) versus FY2007 assistant professors (faculty most recently hired) at the top 100 departments of most disciplines (Table 4). Sociology is a noteworthy exception to this, with a representation among assistant professors well above that among Ph.D. recipients for both Blacks (11.7% versus 9.5%) and Hispanics (7.6% versus 5.9%). However, in the engineering disciplines surveyed, the representation of URMs among assistant professors at the top 50 departments was generally comparable to or greater than among Ph.D. recipients. In chemistry, math, and computer science, the opposite was the case, with a representation of URMs at higher-ranked departments below that of lower-ranked ones. In most disciplines the representation of URMs decreases at higher professorial ranks (Table 1).

Other interesting differences among disciplines emerge from Table 4. Astronomy has no Black or Native American assistant professors. Among physical sciences, engineering, and social sciences disciplines, only electrical engineering reported Native American assistant professors in the top 50 departments, and only half of these disciplines have a Native American assistant professor in a lower-ranked department.

The above reveals two reasons for grouping the physical sciences and engineering disciplines as shown: chemistry, math, and computer science in one group, and engineering disciplines in another group, along with (marginally) astronomy and physics. These reasons are (1) the agreement between URM representations among Ph.D. recipients versus assistant professors and (2) the different distributions of URMs among the top 50 departments versus the top 100 departments.

"Black students are hesitant to pursue a field where no leaders of the same race have been before. You need to see faculty achieving in these fields to go into those fields. There needs to be a synergy between (increasing) black faculty and black students...which will generate more and more students."

Dr. Arlie Petters, Professor, Duke University [8]

Table 4. Racial Distribution of Ph.D.s (1996-2005) versus Assistant Professors (FY2007)

Discipline	Black			Hispanic			Native American		
	% Ph.D.s	% Asst. Profs.		% Ph.D.s	% Asst. Profs.		% Ph.D.s	% Asst. Profs.	
		Top 100	Top 50		Top 100	Top 50		Top 100	Top 50
Chemistry	3.5%	3.4%	2.0%	3.4%	2.8%	2.7%	0.6%	0.4%	-
Math	2.5%	2.3%	1.4%	3.3%	2.4%	0.9%	0.3%	0.3%	-
Computer Science	3.2%	1.8%	1.3%	2.9%	1.8%	1.8%	0.5%	-	-
Astronomy	0.9%	-	-	2.8%	3.3%	3.3%	0.4%	-	-
Physics	2.0%	1.2%	1.6%	2.9%	3.3%	2.7%	0.3%	-	-
Chemical Eng.	3.2%	2.3%	3.0%	3.9%	4.6%	4.7%	0.6%	0.8%	-
Civil Eng.	3.3%	3.2%	3.2%	4.4%	5.9%	7.2%	0.5%	-	-
Electrical Eng.	3.8%	1.9%	2.3%	3.7%	1.6%	1.8%	0.4%	0.1%	0.2%
Mechanical Eng.	1.5%	3.0%	3.4%	1.9%	3.7%	4.7%	0.3%	0.2%	-
Economics	3.9%	1.7%	1.9%	4.3%	8.9%	8.9%	0.2%	-	-
Political Science	8.0%	5.6%	3.6%	4.0%	5.2%	4.7%	0.7%	0.5%	-
Sociology	9.5%	11.7%	12.0%	5.9%	7.6%	7.1%	1.0%	-	-
Psychology	5.8%	4.8%	5.8%	6.3%	5.1%	5.6%	0.8%	1.3%	1.1%
Biological	3.0%	1.8%	2.0%	4.2%	4.3%	4.3%	0.6%	0.1%	0.2%
Earth Sciences	1.4%	0.8%	1.0%	3.4%	3.8%	3.9%	0.7%	1.1%	0.5%

IV. URMs Among B.S. recipients (Mentees) versus Faculty (Mentors and Role Models)

Perpetuating a Cycle

Demographics of a faculty impact the ethnic composition of the student population.[14] Dearth of minority faculty at a university or in a discipline discourages minority students from selecting that university or discipline, since most students are comfortable in environments that include people with backgrounds and characteristics similar to theirs.[14] In addition, a university's lack of minority faculty has an adverse effect on the success of its minority students. Without professors of similar backgrounds to mentor them, many URM students feel alienated and unsupported.[15]

Our data reveal that the disparity between faculty versus student body racial / ethnic compositions is increasing. There is concern that commitment to URM students has eroded [16] and that URM undergraduate enrollments are dropping in science and engineering.[17] Nevertheless, overall URM representation at the undergraduate level is still outpacing that of the faculty (Table 3). As a result, faculty who mentor and advise URM undergraduates are predominantly White male professors. For example, in psychology, White males received 16.3% of B.S. degrees in 2005 and 27.5% of the 1996–2005 Ph.D.s, but constituted 56.8% of the faculty in FY2007 (Table 14.) In the same field, URMs received 21.6% of the 2005 B.S. degrees and 12.9% of the 1996–2005 Ph.D.s, but only constituted 6.9% of the top 100 FY2007 faculty (Table 5). Thus, the imbalance is present at both undergraduate and graduate levels. Also, URMs in computer science received 20.6% of the 2005 B.S. degrees, 6.6% of the Ph.D.s between the years of 1996-2005, but only comprise 2.8% of the top 100 faculty in FY2007 (Table 7).

The quantity and quality of interactions between same-race and same-gender faculty and graduate students are reported to be higher and more closely related to the future success of those students.[18] Non-minority students are also impacted by the absence of minority faculty.[14] They are deprived of an education diverse in thoughts and ideas that results from a faculty diverse in background and culture.[14] A university's lack of minority faculty sends a message to its students that minorities have no place in academia, thereby perpetuating a cycle of marginalization and discrimination.[14]

Thus, the presence of science and engineering minority faculty is a crucial factor in encouraging and ensuring the continued interest of young minorities in science and engineering. Their presence is equally important to ensure that (1) current minority students, who are majoring in the fields of science and engineering, graduate and (2) some of those students become professors themselves, thus serving as mentors and as successful examples to future generations of minorities.

"The underrepresentation of minorities in academe is not a new problem, but efforts to address this issue over the past 10 or more years have had little or no impact."

Stanley C. Israel, Chair, American Chemical Society Board Task Force on Minorities in Academe [19]

Table 5. Racial Distribution of B.S. Recipients (2005) versus Faculty (FY 2007)

Discipline	Black			Hispanic			Native American		
	% B.S. Degrees	% Faculty Top 100	% Faculty Top 50	% B.S. Degrees	% Faculty Top 100	% Faculty Top 50	% B.S. Degrees	% Faculty Top 100	% Faculty Top 50
Chemistry	8.3%	1.5%	1.3%	7.7%	2.1%	2.2%	0.7%	0.3%	0.2%
Math	6.4%	1.5%	0.9%	6.1%	1.7%	1.3%	0.6%	0.1%	0.0%
Computer Science	12.5%	0.9%	0.7%	7.5%	1.8%	1.8%	0.6%	0.0%	-
Astronomy	1.4%	1.0%	1.0%	6.1%	1.2%	1.2%	1.1%	-	-
Physics	4.5%	0.7%	0.8%	4.9%	1.8%	1.6%	0.9%	0.1%	0.0%
Chemical Eng.	6.3%	2.1%	2.3%	7.7%	3.3%	3.2%	0.7%	0.2%	0.1%
Civil Eng.	3.8%	1.8%	1.8%	9.8%	4.3%	4.7%	0.8%	-	-
Electrical Eng.	7.3%	1.7%	2.1%	8.4%	1.7%	1.5%	0.5%	0.0%	0.0%
Mechanical Eng.	3.9%	1.9%	2.0%	7.1%	2.0%	2.3%	0.5%	0.1%	0.1%
Economics	6.4%	1.8%	1.7%	6.3%	4.0%	4.0%	0.4%	0.1%	0.1%
Political Science	10.3%	4.2%	4.1%	9.7%	2.9%	2.7%	0.7%	0.2%	0.1%
Sociology	17.0%	7.9%	7.9%	10.7%	5.2%	4.7%	1.0%	0.4%	0.2%
Psychology	11.4%	3.4%	3.1%	9.5%	3.1%	3.6%	0.7%	0.4%	0.4%
Biological	8.0%	1.4%	1.2%	7.6%	2.5%	2.4%	0.8%	0.2%	0.2%
Earth Sciences	1.8%	0.9%	1.1%	4.1%	2.3%	2.1%	0.7%	0.4%	0.2%

V. Analysis of Data for Underrepresented Groups

Blacks

In only four disciplines (chemical engineering, 2.1%; political science, 4.2%; sociology, 7.9%; psychology, 3.4%), did Blacks constitute over 2% of FY2007 professors at top 100 departments. Upon omitting the lower-ranked 50 departments, representation of Blacks among all professors generally increased for engineering disciplines and decreased for chemistry, math, and computer science. Sociology had the highest percentage of Blacks among faculty and degree recipients.

The representation of Blacks among all professors versus among recent B.S. recipients, a measure of same-race mentors and role models, is generally more disparate in chemistry, computer science, math, and life sciences. The change in B.S. recipients from 2004 to 2005 ranged from a 0.5% drop (chemistry) to a 0.4% increase (sociology and

Table 6. Blacks in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	8.8%	8.3%	1.7%	3.5%	3.4%	1.6%	1.0%	1.5%
Math	6.3%	6.4%	1.5%	2.5%	2.3%	2.1%	1.1%	1.5%
Computer Sci	12.4%	12.5%	1.1%	3.2%	1.8%	1.2%	0.3%	0.9%
Astronomy**	1.1%	1.4%	0.7%	0.9%	-	2.1%	1.0%	1.0%
Physics	4.5%	4.5%	1.0%	2.0%	1.2%	0.6%	0.5%	0.7%
Chemical Engr	6.5%	6.3%	1.8%	3.2%	2.3%	3.1%	1.6%	2.1%
Civil Engr	3.7%	3.8%	2.3%	3.3%	3.2%	2.6%	0.8%	1.8%
Electrical Engr	7.7%	7.3%	1.9%	3.8%	1.9%	2.2%	1.3%	1.7%
Mechanical Engr	3.8%	3.9%	1.3%	1.5%	3.0%	2.5%	1.3%	1.9%
Economics	6.6%	6.4%	4.0%	3.9%	1.7%	2.9%	1.4%	1.8%
Political Science	10.2%	10.3%	7.5%	8.0%	5.6%	4.6%	3.2%	4.2%
Sociology	16.6%	17.0%	6.8%	9.5%	11.7%	8.2%	5.9%	7.9%
Psychology	11.0%	11.4%	3.9%	5.8%	4.8%	4.5%	2.4%	3.4%
Biological Sci	8.4%	8.0%	1.8%	3.0%	1.8%	2.0%	0.9%	1.4%
Earth Sciences	1.8%	1.8%	0.2%***	1.4%	0.8%	1.5%	0.7%	0.9%

*Blacks were 12.8% of the 2006 US population. **Top 40 departments. ***1995 data only.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
2.0%	1.4%	1.1%	1.3%	5.2%	1.7%	0.8%	1.9%	Chemistry
1.4%	0.8%	0.9%	0.9%	3.5%	3.8%	1.5%	2.4%	Math
1.3%	1.1%	0.3%	0.7%	2.5%	1.4%	0.2%	1.2%	Computer Sci
-	2.1%	1.0%	1.0%	not available				Astronomy**
1.6%	0.4%	0.6%	0.8%	0.5%	0.8%	0.4%	0.5%	Physics
3.0%	3.4%	1.8%	2.3%	1.1%	2.8%	1.2%	1.6%	Chemical Engr
3.2%	2.7%	0.8%	1.8%	3.0%	2.2%	0.7%	1.8%	Civil Engr
2.3%	3.0%	1.6%	2.1%	1.2%	1.0%	0.6%	0.9%	Electrical Engr
3.4%	2.5%	1.3%	2.0%	2.4%	2.5%	1.3%	1.9%	Mechanical Engr
1.9%	2.5%	1.3%	1.7%	1.5%	3.3%	1.6%	1.9%	Economics
3.6%	4.8%	4.1%	4.1%	8.5%	4.3%	1.6%	4.3%	Political Science
12.0%	7.1%	6.5%	7.9%	11.2%	9.6%	5.1%	7.9%	Sociology
5.8%	2.7%	2.2%	3.1%	3.6%	6.7%	2.7%	3.9%	Psychology
2.0%	1.3%	0.8%	1.2%	1.6%	2.9%	1.1%	1.6%	Biological Sci
1.0%	2.2%	0.7%	1.1%	0.6%	0.5%	0.8%	0.7%	Earth Sciences

psychology). Blacks in astronomy received a much lower percentage of B.S. degrees (1.4%) than Hispanics (6.1%), almost at the level of Native Americans (1.1%). Following a general trend for URMs (Table 7), there is a dramatic decrease between the representations of Blacks among B.S. recipients versus Ph.D. recipients in all disciplines.

Comparing Blacks among assistant professors versus recent Ph.D. recipients of top 50 engineering disciplines gives a better match than by using the second tier of departments; the reverse is true in chemistry, math, and computer science. Contrasting the past two decades of Ph.D. recipients, the representation of Blacks has increased in all disciplines except economics, where there was a marginal decrease.

Table 7. All URM Groups Combined in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	17.0%	16.7%	5.3%	7.5%	6.6%	5.3%	2.7%	3.9%
Math	12.2%	13.1%	4.0%	6.1%	5.0%	4.0%	2.6%	3.3%
Computer Sci	20.7%	20.6%	2.9%	6.6%	3.6%	3.3%	2.0%	2.8%
Astronomy**	10.2%	8.6%	3.1%	4.1%	3.3%	2.1%	2.0%	2.2%
Physics	10.0%	10.3%	3.7%	5.2%	4.5%	3.0%	1.9%	2.5%
Chemical Engr	13.9%	14.7%	4.6%	7.7%	7.7%	6.3%	4.6%	5.6%
Civil Engr	14.0%	14.3%	6.3%	8.2%	9.1%	7.1%	4.3%	6.1%
Electrical Engr	16.8%	16.1%	4.3%	7.9%	3.7%	4.4%	2.8%	3.3%
Mechanical Engr	11.5%	11.5%	3.3%	3.7%	6.9%	5.0%	2.7%	4.1%
Economics	13.1%	13.1%	6.8%	8.4%	10.6%	5.9%	3.8%	5.8%
Political Science	20.0%	20.8%	11.1%	12.7%	11.3%	8.1%	4.5%	7.3%
Sociology	28.0%	28.7%	12.2%	16.4%	19.3%	13.2%	10.8%	13.5%
Psychology	21.2%	21.6%	8.3%	12.9%	11.2%	9.3%	4.0%	6.9%
Biological Sci	16.7%	16.5%	4.8%	7.8%	6.3%	5.1%	2.7%	4.1%
Earth Sciences	6.2%	6.6%	2.1%***	5.5%	5.7%	5.4%	2.4%	3.7%

*URMs were 28.0% of 2006 US population. **Top 40 departments. ***1995 data.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
4.7%	5.4%	3.0%	3.7%	9.0%	5.2%	2.2%	4.3%	Chemistry
2.3%	2.7%	2.2%	2.3%	8.4%	5.8%	3.2%	4.8%	Math
3.1%	2.9%	1.9%	2.5%	4.3%	3.8%	2.1%	3.2%	Computer Sci
3.3%	2.1%	2.0%	2.2%	not available				Astronomy**
4.4%	2.2%	2.0%	2.5%	4.6%	4.0%	1.6%	2.6%	Physics
7.7%	6.8%	4.7%	5.6%	7.7%	5.5%	4.5%	5.4%	Chemical Engr
10.5%	8.0%	4.4%	6.6%	6.7%	5.5%	4.0%	5.2%	Civil Engr
4.3%	4.6%	3.0%	3.6%	2.5%	4.1%	2.2%	2.8%	Electrical Engr
8.1%	5.3%	2.8%	4.3%	4.8%	4.6%	2.4%	3.5%	Mechanical Engr
10.9%	5.7%	3.7%	5.7%	10.3%	6.2%	3.9%	6.0%	Economics
8.3%	8.3%	5.4%	6.9%	15.4%	7.8%	2.9%	7.9%	Political Science
19.2%	11.1%	10.8%	12.9%	19.5%	16.1%	10.8%	14.5%	Sociology
12.5%	8.0%	4.5%	7.1%	9.7%	11.0%	3.3%	6.8%	Psychology
6.5%	4.4%	2.5%	3.8%	6.0%	6.1%	3.1%	4.5%	Biological Sci
5.4%	5.4%	2.0%	3.4%	6.0%	5.3%	2.9%	4.1%	Earth Sciences

Hispanics

Hispanics generally are the largest segment of URM professors (Tables 8 versus 7) in physical sciences and engineering. In astronomy, physics, and engineering disciplines, the representation of Hispanics among top 100 assistant professors is generally higher than among recent Ph.D. recipients. The highest representation is not consistently at one professorial rank, but in the top 50 departments of chemistry and math, it is at associate professor, indicating a decline in hiring. In astronomy, all URM assistant professors but no associate professors are Hispanic.

Hispanics follow the general trend for URMs, showing a higher representation among B.S. recipients than Ph.D. recipients in all disciplines. Nevertheless, in the past two decades Hispanic representation among Ph.D. recipients has increased in all disciplines studied. Although this trend is encouraging, their representation at all points lags far behind their 14.8% of the total 2006 estimated U.S. population.

Table 8. Hispanics in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	7.6%	7.7%	3.2%	3.4%	2.8%	2.9%	1.6%	2.1%
Math	5.5%	6.1%	2.3%	3.3%	2.4%	1.8%	1.5%	1.7%
Computer Sci	7.4%	7.5%	1.5%	2.9%	1.8%	1.9%	1.8%	1.8%
Astronomy**	8.7%	6.1%	2.1%	2.8%	3.3%	-	1.0%	1.2%
Physics	5.0%	4.9%	2.5%	2.9%	3.3%	2.3%	1.3%	1.8%
Chemical Engr	6.7%	7.7%	2.5%	3.9%	4.6%	3.1%	2.9%	3.3%
Civil Engr	9.6%	9.8%	3.7%	4.4%	5.9%	4.6%	3.5%	4.3%
Electrical Engr	8.6%	8.4%	2.2%	3.7%	1.6%	2.2%	1.4%	1.7%
Mechanical Engr	7.1%	7.1%	1.8%	1.9%	3.7%	2.4%	1.3%	2.0%
Economics	6.0%	6.3%	2.6%	4.3%	8.9%	2.9%	2.3%	4.0%
Political Science	8.9%	9.7%	3.3%	4.0%	5.2%	3.4%	1.3%	2.9%
Sociology	10.5%	10.7%	4.8%	5.9%	7.6%	4.3%	4.4%	5.2%
Psychology	9.4%	9.5%	3.9%	6.3%	5.1%	4.4%	1.6%	3.1%
Biological Sci	7.6%	7.6%	2.7%	4.2%	4.3%	2.6%	1.8%	2.5%
Earth Sciences	3.6%	4.1%	1.9%***	3.4%	3.8%	3.4%	1.5%	2.3%

*Hispanics were 14.8% of the 2006 US population. **Top 40 departments. ***1995 data only.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
2.7%	3.6%	1.7%	2.2%	3.0%	2.1%	1.4%	1.9%	Chemistry
0.9%	1.7%	1.4%	1.3%	4.3%	2.0%	1.7%	2.3%	Math
1.8%	1.8%	1.7%	1.8%	1.8%	2.1%	1.9%	1.9%	Computer Sci
3.3%	-	1.0%	1.2%	not available				Astronomy**
2.7%	1.4%	1.4%	1.6%	4.1%	3.2%	1.1%	2.0%	Physics
4.7%	3.4%	2.7%	3.2%	4.4%	2.8%	3.3%	3.4%	Chemical Engr
7.2%	5.2%	3.6%	4.7%	3.7%	3.3%	3.3%	3.4%	Civil Engr
1.8%	1.6%	1.4%	1.5%	1.2%	3.1%	1.6%	1.9%	Electrical Engr
4.7%	2.5%	1.5%	2.3%	1.8%	2.1%	0.9%	1.4%	Mechanical Engr
8.9%	3.3%	2.2%	4.0%	8.8%	2.4%	2.3%	4.0%	Economics
4.7%	3.2%	1.4%	2.7%	5.8%	3.6%	1.3%	3.2%	Political Science
7.1%	4.1%	3.9%	4.7%	8.3%	4.6%	5.1%	5.8%	Sociology
5.6%	4.6%	2.4%	3.6%	4.5%	4.1%	0.6%	2.4%	Psychology
4.3%	2.6%	1.6%	2.4%	4.4%	2.5%	1.9%	2.7%	Biological Sci
3.9%	2.9%	1.2%	2.1%	3.6%	4.3%	1.9%	2.8%	Earth Sciences

Native Americans

In this report, the category Native Americans includes Alaskan Natives, Native Hawaiians, and Pacific Islanders. Native Americans have the lowest representation at all but one point – assistant professors in the second tier of earth sciences departments (1.8%), where they surpass Blacks (0.6%). Among students, only astronomy 2005 B.S. recipients match the U.S. population (1.1%). In the top 50 departments, psychology assistant professors have the highest Native American representation at 1.1%; in the next 50 departments, four disciplines surpass 1.1%. The only Native American assistant professor in top 50 physical sciences and engineering disciplines is in electrical engineering, indicating a 7-year hiring lapse in the others. In astronomy and in civil engineering, there is no Native American professor at any rank.

Except in psychology, Native Americans follow the URM trend, in which representation among B.S. recipients is greater than or equal to Ph.D. recipients. Comparing the past two decades of Ph.D. attainment reveals that their representation increased in each discipline.

Table 9. Native Americans, Alaskans, Hawaiians, Pacific Islanders in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	0.6%	0.7%	0.4%	0.6%	0.4%	0.8%	0.1%	0.3%
Math	0.5%	0.6%	0.2%	0.3%	0.3%	0.1%	-	0.1%
Computer Sci	0.9%	0.6%	0.3%	0.5%	-	0.1%	-	0.0%
Astronomy**	0.4%	1.1%	0.3%	0.4%	-	-	-	-
Physics	0.5%	0.9%	0.2%	0.3%	-	0.2%	0.0%	0.1%
Chemical Engr	0.6%	0.7%	0.3%	0.6%	0.8%	-	0.1%	0.2%
Civil Engr	0.7%	0.8%	0.3%	0.5%	-	-	-	-
Electrical Engr	0.5%	0.5%	0.2%	0.4%	0.1%	-	-	0.0%
Mechanical Engr	0.6%	0.5%	0.2%	0.3%	0.2%	0.2%	0.1%	0.1%
Economics	0.5%	0.4%	0.2%	0.2%	-	0.2%	0.1%	0.1%
Political Science	0.8%	0.7%	0.3%	0.7%	0.5%	0.2%	-	0.2%
Sociology	0.9%	1.0%	0.6%	1.0%	-	0.8%	0.4%	0.4%
Psychology	0.8%	0.7%	0.5%	0.8%	1.3%	0.5%	-	0.4%
Biological Sci	0.7%	0.8%	0.3%	0.6%	0.1%	0.6%	0.1%	0.2%
Earth Sciences	0.8%	0.7%	- ***	0.7%	1.1%	0.4%	0.2%	0.4%

*These groups = 1.1% of 2006 US population. **Top 40 departments. ***1995 data.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
-	0.4%	0.2%	0.2%	0.9%	1.3%	-	0.5%	Chemistry
-	0.2%	-	0.0%	0.6%	-	-	0.1%	Math
-	-	-	-	-	0.3%	-	0.1%	Computer Sci
-	-	-	-	not available				Astronomy**
-	0.4%	-	0.0%	-	-	0.1%	0.1%	Physics
-	-	0.2%	0.1%	2.2%	-	-	0.4%	Chemical Engr
-	-	-	-	-	-	-	-	Civil Engr
0.2%	-	-	0.0%	-	-	-	-	Electrical Engr
-	0.3%	-	0.1%	0.6%	-	0.2%	0.2%	Mechanical Engr
-	-	0.1%	0.1%	-	0.5%	-	0.1%	Economics
-	0.3%	-	0.1%	1.2%	-	-	0.3%	Political Science
-	-	0.4%	0.2%	-	1.8%	0.5%	0.8%	Sociology
1.1%	0.7%	-	0.4%	1.6%	0.3%	-	0.5%	Psychology
0.2%	0.5%	0.1%	0.2%	-	0.7%	0.1%	0.2%	Biological Sci
0.5%	0.4%	0.1%	0.2%	1.8%	0.5%	0.2%	0.6%	Earth Sciences

Asians

Asians constitute only 4.4% of the estimated 2006 U.S. population,[6] compared to that of Blacks or Hispanics, which are 12.8% and 14.8% respectively. Asians have a higher representation at almost every point in academia than in the U.S. population, so although they are a minority group, they are not considered URMs.

Asians have reached critical mass (generally regarded as 15% to 30%) at every faculty rank in some physical sciences and engineering disciplines, with others very near that mark (Table 10). In most disciplines examined, the representation of Asians decreases with rank, with the representation being much higher among assistant professors. The highest Asian representation among faculty of all ranks is found in engineering, computer science, and math. Asian faculty outnumber female faculty at almost every point in the physical sciences and engineering, with the exceptions of astronomy and "full" professors in chemistry. Asians outweigh White males among assistant professors in the second tier of computer science (45.2% versus 40.5% respectively) and electrical engineering (45.9% versus 43.0% respectively) departments.

Although Asians have attained critical mass among faculty in several disciplines, they have done so among B.S. recipients in only two disciplines studied herein – electrical engineering and economics. Comparing their representation among recent B.S. recipients versus among all faculty might lead to the initial impression that Asian American students have a good supply of same-race mentors and role models.

The percentage of Asians among Ph.D. recipients during 1996 – 2005 is quite high; electrical engineering has the highest percentage at 26.2%. Psychology has the lowest percentage at 4.3%, about the representation of Asians in the U.S. population. Comparing average percentages for each of the past two decades, Asians among Ph.D. recipients have increased or remained about constant in nearly all disciplines surveyed. Similar to white males, the percentage of Asians among recent Ph.D. recipients about equaled or exceeded that among recent B.S. recipients in almost all disciplines studied. In two disciplines, physics and civil engineering, the percentage of Asians among Ph.D. recipients was more than double that among B.S. recipients and in mechanical engineering, it was more than triple.

Table 10. Asians in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	11.2%	11.2%	11.4%	12.8%	22.2%	12.9%	6.3%	10.5%
Math	10.0%	10.6%	13.9%	12.4%	29.2%	17.6%	12.7%	16.6%
Computer Sci	15.6%	14.3%	16.7%	19.0%	38.0%	24.3%	22.6%	27.1%
Astronomy**	6.8%	7.5%	5.9%	7.2%	8.8%	16.5%	4.4%	7.1%
Physics	6.0%	6.3%	13.6%	13.2%	14.2%	15.5%	12.1%	13.0%
Chemical Engr	11.3%	11.2%	18.1%	17.9%	26.2%	17.6%	15.1%	17.8%
Civil Engr	5.7%	6.4%	17.9%	16.5%	23.8%	15.8%	15.2%	17.3%
Electrical Engr	22.6%	23.8%	25.2%	26.2%	41.5%	23.0%	25.4%	28.4%
Mechanical Engr	7.0%	7.9%	23.1%	24.5%	33.4%	25.4%	23.8%	26.0%
Economics	18.7%	18.6%	10.1%	13.6%	24.9%	13.4%	8.8%	13.6%
Political Science	6.7%	7.0%	5.1%	5.2%	9.2%	6.1%	3.1%	5.6%
Sociology	6.3%	6.9%	6.1%	6.6%	11.3%	6.4%	3.3%	6.1%
Psychology	5.6%	6.0%	2.3%	4.3%	9.2%	5.9%	2.5%	4.8%
Biological Sci	12.9%	14.0%	9.8%	14.7%	20.6%	13.3%	8.2%	12.3%
Earth Sciences	2.3%	2.3%	18.6%***	7.4%	12.5%	8.6%	4.0%	6.6%

*Asians were 4.4% of the 2006 US population. **Top 40 departments. ***1995 data only.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
23.7%	12.6%	5.7%	10.1%	20.2%	13.3%	7.2%	11.2%	Chemistry
32.6%	19.2%	11.9%	16.6%	24.9%	15.3%	14.1%	16.7%	Math
32.7%	20.3%	20.8%	23.7%	45.2%	29.6%	25.8%	32.3%	Computer Sci
8.8%	16.5%	4.4%	7.1%	not available				Astronomy**
12.3%	15.5%	11.1%	11.9%	17.4%	15.5%	13.9%	14.8%	Physics
27.8%	14.4%	11.7%	15.3%	23.1%	22.0%	22.9%	22.7%	Chemical Engr
23.5%	15.7%	12.4%	15.5%	24.4%	15.9%	22.8%	21.2%	Civil Engr
39.1%	23.6%	25.0%	27.8%	45.9%	22.1%	26.3%	29.7%	Electrical Engr
35.1%	24.4%	22.3%	25.1%	30.3%	26.9%	27.1%	27.6%	Mechanical Engr
20.4%	13.1%	7.3%	11.5%	30.3%	13.8%	10.8%	16.3%	Economics
9.9%	6.4%	3.2%	5.8%	8.1%	5.7%	2.9%	5.2%	Political Science
9.0%	5.1%	2.9%	4.9%	14.1%	8.3%	4.1%	7.8%	Sociology
10.6%	7.8%	2.6%	5.5%	7.5%	3.5%	2.4%	3.8%	Psychology
21.3%	14.8%	8.2%	12.6%	19.7%	11.2%	8.2%	11.7%	Biological Sci
9.9%	10.1%	4.7%	6.8%	15.7%	6.4%	2.9%	6.3%	Earth Sciences

However, the above analyses of data for Asians can be misleading, due to confusion surrounding U.S. native born citizen versus immigrant status. Although foreign-born Asians are a valuable source of diversity in America's institutions of higher education, recent immigrants cannot possess the life experiences of Asian-American native U.S. citizens. Many foreign-born Asians obtain their B.S. degree in the U.S.,[2] which evidences some U.S. life experiences. However, many obtain their Ph.D. degree in the U.S. after having obtained their undergraduate degree in their home country.[20] As a result, among U.S. Ph.D. recipients, presumably the main hiring pool for professors and postdoctoral assistants at U.S. universities, Asians are becoming predominantly foreign-born, instead of native-born. For example, in 2005, foreign nationals made up 90% of the Asian science and engineering postdoctoral assistants in the U.S.[21] Our own surveys of national origin at the top 50 department faculties in chemistry (FY2003) and in chemical engineering (FY2002), which included data disaggregation by national origin, revealed that 63% and 72%, respectively, of Asian faculty received their B.S. degrees overseas. When only Asian-Americans who obtained their B.S. degrees in the U.S. were considered, their representations among all faculty were much closer to that in the general U.S. population. When their representations among assistant professors were compared to those of Asian Americans among Ph.D. recipients in chemistry and in chemical engineering, Asian Americans were underrepresented slightly in both disciplines.

"Now more than ever, the nation's changing demographics demand that we include all of our citizens in science and engineering education and careers. For the U.S. to benefit from the diverse talents of all its citizens, we must grow the pipeline of qualified, underrepresented minority engineers and scientists to fill positions in industry and academia."

Dr. Irving P. McPhail, Executive Vice President and COO, National Action Council for Minorities in Engineering (NACME). [24]

Women

The grouping of disciplines in the tables in this report reflects natural patterns found in the representation of women across disciplines. Generally, the natural grouping of disciplines which results from the patterns in data for women is also found in URM data. Grouping in URM data is harder to discern, because the numbers are much smaller and differences are more subtle. However, examining the patterns in the data for women facilitates recognizing patterns in the data for URMs. Grouping the disciplines on the basis of strengths and weaknesses is helpful, because it will facilitate identifying solutions to problems and enable limited resources to be better focused.

We previously grouped disciplines according to the patterns formed naturally by data [22], but the grouping in this report is slightly different than that used previously [12]. The change results from fine-tuning our assessments based on new data, increasing the number of criteria, and comparing the patterns observed for females versus those observed for URMs. These patterns are observed via four assessments of our data: (1) Does the discipline have a critical mass of women? A group attains critical mass when it reaches a representation of 15% – 30% [12]; here, this is determined by the percentage in the column labeled "all" in Table 11. (2) What is the supply of same-gender mentors and role models for female undergraduates? This is calculated by comparing the representation of women among "all" professors versus recent B.S. recipients. (3) What is the utilization of the discipline's female Ph.D. recipients during the past decade? This is calculated by comparing the representation of women among its recent hires (assistant professors) versus Ph.D. recipients over the last decade. Using the last decade provides for assistant professors who came up for tenure during their seventh year in FY2007 and previously held a 3-year postdoctoral position. (4) What is the discipline's increase in representation of females among faculty over time? These data are found in Table 12.

Data for female professors in FY2007 (Table 11) reveal that women faculty have achieved critical mass in social sciences, life sciences, and astronomy. Other disciplines in physical sciences and engineering are approaching this achievement, but based on (1) the proximity to the 15% goal and (2) the increases shown in the 5 years between FY2002 and FY2007 (Table 12), only computer science inspires confidence that its women faculty will also achieve critical mass in the next 5 years. Nevertheless, math, civil engineering, and chemical engineering are also reasonable prospects.

In FY2007, some disciplines still offered their undergraduates few women faculty role models and mentors, although women took about half of their 2005 B.S. degrees in them (Table 11): chemistry, 51.7% of B.S. recipients versus 13.7% of all professors; math, 44.9% versus 12.9%; astronomy, 42.4% versus 15.8%. This shows a deficiency in the number of same-gender role models and mentors for female undergraduates in these disciplines.

There are large disparities between women's

Table 11. Women in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	51.0%	51.7%	26.3%	32.4%	21.2%	19.6%	9.7%	13.7%
Math	46.1%	44.9%	22.5%	28.7%	26.8%	18.4%	7.1%	12.9%
Computer Sci	24.7%	22.0%	19.8%	21.2%	20.0%	11.6%	10.3%	13.2%
Astronomy**	41.5%	42.4%	15.2%	22.7%	25.3%	21.6%	12.3%	15.8%
Physics	21.6%	21.1%	10.8%	14.3%	16.8%	13.4%	6.1%	9.1%
Chemical Engr	35.6%	36.7%	17.1%	23.7%	24.2%	17.6%	7.3%	12.6%
Civil Engr	24.1%	23.9%	12.7%	22.0%	24.7%	14.5%	7.1%	13.0%
Electrical Engr	14.0%	12.9%	8.6%	12.3%	15.5%	12.5%	5.7%	9.5%
Mechanical Engr	13.7%	13.2%	7.3%	8.4%	18.0%	11.9%	4.4%	8.8%
Economics	32.5%	31.5%	25.7%	30.2%	30.8%	20.3%	8.7%	16.3%
Political Science	51.1%	51.0%	32.8%	38.9%	37.0%	29.3%	17.6%	26.1%
Sociology	71.5%	70.5%	53.4%	60.8%	56.1%	45.7%	28.2%	39.8%
Psychology	77.8%	77.8%	59.1%	67.8%	48.5%	43.9%	29.5%	37.3%
Biological Sci	62.5%	62.2%	39.6%	46.3%	35.0%	30.0%	17.4%	24.4%
Earth Sciences	42.1%	41.9%	22.5%***	31.8%	28.2%	20.9%	11.3%	16.5%

*Females were 50.7% of the 2006 US population. **Top 40 departments. ***1995 data only.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
21.7%	21.3%	9.7%	13.7%	20.6%	17.6%	9.9%	13.8%	Chemistry
28.0%	15.5%	7.2%	12.1%	25.2%	22.5%	6.9%	14.1%	Math
19.5%	11.3%	11.5%	13.5%	20.8%	12.0%	8.0%	12.8%	Computer Sci
25.3%	21.6%	12.3%	15.8%	not available				Astronomy**
17.5%	12.6%	6.8%	9.5%	15.6%	14.3%	4.9%	8.6%	Physics
23.7%	17.8%	8.3%	12.9%	25.3%	17.4%	4.9%	12.1%	Chemical Engr
25.3%	14.3%	7.1%	12.7%	23.8%	14.8%	7.0%	13.8%	Civil Engr
14.5%	14.1%	6.2%	9.7%	17.4%	10.2%	4.5%	9.1%	Electrical Engr
18.2%	12.0%	4.9%	9.0%	17.6%	11.8%	3.3%	8.4%	Mechanical Engr
30.7%	16.0%	8.5%	15.1%	31.0%	25.2%	9.0%	17.8%	Economics
35.9%	30.1%	17.4%	25.6%	38.6%	28.1%	17.9%	26.8%	Political Science
57.9%	45.6%	28.0%	39.7%	53.7%	45.9%	28.6%	39.8%	Sociology
44.8%	41.9%	29.9%	36.0%	52.9%	46.5%	28.9%	39.0%	Psychology
36.0%	30.9%	17.7%	24.8%	33.9%	28.7%	16.9%	23.9%	Biological Sci
28.6%	21.7%	10.6%	16.1%	27.7%	19.7%	12.4%	17.1%	Earth Sciences

shares of recent Ph.D.s versus assistant professors in some disciplines. The most notable is chemistry (32.4% recent Ph.D. recipients versus 21.2% assistant professors, giving 65% utilization), psychology (67.8% versus 48.5%, giving 72% utilization), and biological sciences (46.3% versus 35.0%, giving 76% utilization). In all other disciplines studied, the representation of women among assistant professors is over 88% of women among Ph.D. recipients (1996 – 2005). Although chemistry, psychology, and biological sciences have quite large representations of women in their hiring pools (32.4%, 67.8%, and 46.3% respectively), the underutilization is not merely a consequence of a large hiring pool. Other disciplines with high representations of women in their hiring pools have high utilizations, such as sociology (where women are 60.8% of recent Ph.D. recipients versus 56.1% of assistant professors, giving 92% utilization), political science (38.9% versus 37.0%, giving 95% utilization), and earth sciences (31.8% versus 28.2%, giving 88.7%).

The above utilizations disagree with those inferred from data contained in the figures of a recent report [23], in which chemistry is represented as having ~100% utilization. The explanation for the disagreement is threefold, based on information contained in the notes of the figures [23]: (1) Data labeled "chemistry" were data for chemistry and chemical engineering combined. As shown in our Table 11, these two disciplines have opposite trends in their data for women. Chemistry is high in degree attainment by women, while chemical engineering is low. Nevertheless, they have about equal representations of women among assistant professors. The opposite trends displayed by these disciplines contraindicates grouping them; this would be illogical for data-driven analyses. (2) Assistant professors were included only if they obtained their Ph.D.s in the U.S.[23], but our data include all assistant professors, regardless of national origin. Excluding professors who took Ph.D.s overseas introduces a large error into some disciplines. For example, in our national origin analyses of chemistry (FY2003), we found that 15% of the assistant professors had received their Ph.D.s from overseas, and few of these were female. This approximation causes a rather large positive error in that representation [23] of women among chemistry assistant professors, skewing the utilization results high. (3) Those data [23] were samples gathered from U.S. Ph.D. recipients, so they are expected to be different from our data, which represent populations.

The representation of women among Ph.D. recipients is higher on average during the more recent decade (1996 – 2005) than the previous one (1986 – 1995), in all disciplines examined. The general increase in the representation of women among assistant professors from FY2002 to FY2007 reflects this increase in females among Ph.D. recipients (Table 12), although the magnitude of the former is less than expected.

Some disciplines show a remarkable increase in the representation of women between FY2002 and FY2007 (Table 12), especially at the assistant professor level. Most notable are computer science and economics, with astonishing increases around 10%. Other disciplines show only marginal improvement (political science) or even a small

Table 12. Female Professors by Rank and Year at Top 50 Departments

Discipline	FY2002*				FY2007			
	Assistant	Associate	Full	All Ranks	Assistant	Associate	Full	All Ranks
Chemistry	21.5%	20.5%	7.6%	12.1%	21.7%	21.3%	9.7%	13.7%
Math	19.6%	13.2%	4.6%	8.3%	28.0%	15.5%	7.2%	12.1%
Computer Sci	10.8%	14.4%	8.3%	10.6%	19.5%	11.3%	11.5%	13.5%
Electrical Engr	10.9%	9.8%	3.8%	6.5%	14.5%	14.1%	6.2%	9.7%
Mechanical Engr	15.7%	8.9%	3.2%	6.7%	18.2%	12.0%	4.9%	9.0%
Physics	11.2%	9.4%	5.2%	6.6%	17.5%	12.6%	6.8%	9.5%
Civil Engr	22.3%	11.5%	3.5%	9.8%	25.3%	14.3%	7.1%	12.7%
Chemical Engr	21.4%	19.2%	4.4%	10.5%	23.7%	17.8%	8.3%	12.9%
Astronomy**	20.2%	15.7%	9.8%	12.4%	25.3%	21.6%	12.3%	15.8%
Economics	19.0%	16.3%	7.2%	11.5%	30.7%	16.0%	8.5%	15.1%
Political Science	36.5%	28.6%	13.9%	23.5%	35.9%	30.1%	17.4%	25.6%
Sociology	52.3%	42.7%	24.3%	35.8%	57.9%	45.6%	28.0%	39.7%
Psychology	45.4%	40.1%	26.7%	33.5%	44.8%	41.9%	29.9%	36.0%
Biological Sci	30.4%	24.7%	14.7%	20.1%	36.0%	30.9%	17.7%	24.8%
Earth Sciences	not available				28.6%	21.7%	10.6%	16.1%

*Chemistry and astronomy data are for FY2003. **Top 40 departments

drop (chemistry). Four disciplines increased the share of women at the "full" professor rank by ~ 3 %: chemical engineering, civil engineering, political science, sociology, and psychology.

The value of survey populations is most obvious when analyzing the data in Table 13. These numbers are headcount, rather than percentages; they are single-digit in most disciplines, especially the physical sciences and engineering. These numbers are so small that it would be impossible to obtain meaningful results, disaggregated by race/ethnicity, gender, and rank, without having data for all departments surveyed (the whole populations); numbers this small would not survive the statistical treatment, which would be necessary if they were samples. "Full" professors are so few that we collected an approximation of national origin information for them. A number sign (#) designates a "full" professor who received her B.S. degree outside the U.S.; an asterisk (*) designates a "full" professor who received her B.S. degree inside the U.S.

Table 13. Female URM Professors in Top 50 Departments

Discipline	Black		Hispanic		Nat Am	
	all	full	all	full	all	full
Chemistry	4		9	**#	0	
Math	4	*##	9	######	0	
Computer Sci	3	*	3		0	
Astronomy	2	#	1	#	0	
Physics	1		5	#	0	
Chemical Engr	4	**	6	#	0	
Civil Engr	5		8	*#	0	
Electrical Engr	8	*	3	*#	0	
Mechanical Engr	5		7	#	1	
TOTAL	36	5*, 3#	51	4*, 13#	1	
Economics	5	**	8	*	0	
Political Science	20	******#	8	#	0	
Sociology	42	13*	18	**#	0	
Psychology	30	******	30	******#	3	
Biological Sci	16	***	27	*##	2	
Earth Sciences	2	#	3	*	0	
GRAND TOTAL	151	35*, 5#	145	15*, 18#	6	

*Received B.S. in U.S.; #Received B.S. outside U.S.

The data in Table 13 reveal that the number of Black female professors in physical sciences and engineering is near zero. The vast majority of Hispanic female "full" professors in physical sciences and engineering are from overseas. Although one might assume that being a native of the country in which one works would give one an advantage, apparently this is not always the case. There are sufficiently more URM females in the social sciences and the life sciences, so that their total for all the top 50 departments of a discipline combined, occasionally is two-digit instead of single digit. No tenured female Native American "full" professor in a top 50 department of any discipline was reported.

White Males

There is generally an increase in representation of White males, as one proceeds across Table 14 from left to right, so that they have the lowest representation among B.S. recipients and the highest representation among "full" professors. In some cases, the representation of White males among "full" professors is double or triple that among B.S. recipients. Thus, White male undergraduates enjoy the advantage of being in a sea of same-gender and same-race role models and mentors, while pursuing their degrees. This trend holds, regardless of whether 50 or 100 departments are considered.

There are a few disciplines in which a hysteresis in the smooth general trend is observed. For example, in math there is a drop in White male representation from 58.7% Ph.D. attainment to 48.6% assistant professors and in computer science, from 59.9% to 47.1%. This could lead to the conclusion that in these disciplines, White male Ph.D.s in the hiring pool are not being fully utilized. However, except for sociology assistant professors, the representation of White males among professors of all ranks in all disciplines is higher than their representation in the U.S. population.

In disciplines which display the above significant decrease in White males from Ph.D. attainment to assistant professor, there is a corresponding increase in the representation of Asians among assistant professors (Table 10), which accounts for the majority of the shortfall. The one exception is mechanical engineering, in which the ~17% drop (66.0% – 48.8%) is offset by a corresponding ~9% increase in Asians (24.5% to 33.4%) and ~10% in women (8.4% to 18%).

"The bottom line of the story: There is a pathway through sciences, through the education system. At each stage of the pathway, we're losing critical talent. This is not good given the changing demographics. The faculty is looking less like the student body as the student body becomes more diverse."

Dr. Shirley Malcom, Director of Education and Human Resources, American Association for the Advancement of Science.[25]

Table 14. White Males in the Academic Pipeline*

Discipline	Students				Departments 1 - 100 FY2007			
	BS2004	BS2005	PhD86-95	PhD96-05	asst	assoc	prof	all
Chemistry	37.7%	37.4%	62.6%	55.3%	56.6%	66.5%	81.9%	74.3%
Math	42.3%	41.9%	64.1%	58.7%	48.6%	63.5%	79.2%	70.6%
Computer Sci	51.6%	54.2%	64.2%	59.9%	47.1%	64.4%	66.6%	60.9%
Astronomy**	49.4%	52.0%	77.9%	68.6%	65.9%	66.0%	83.0%	77.6%
Physics	66.9%	66.6%	75.0%	70.8%	67.8%	71.3%	81.2%	77.3%
Chemical Engr	50.5%	49.5%	64.4%	58.5%	52.3%	63.1%	73.8%	67.5%
Civil Engr	62.6%	62.4%	65.6%	58.6%	49.9%	65.4%	73.9%	66.2%
Electrical Engr	54.8%	54.9%	64.8%	59.1%	46.5%	63.8%	67.9%	62.2%
Mechanical Engr	71.7%	71.3%	68.2%	66.0%	48.8%	60.8%	70.0%	63.7%
Economics	49.5%	49.7%	61.4%	55.1%	46.2%	65.2%	80.1%	69.0%
Political Science	38.5%	38.2%	55.3%	51.0%	51.2%	61.4%	76.2%	65.3%
Sociology	18.9%	19.5%	37.2%	29.9%	30.1%	43.0%	61.3%	48.7%
Psychology	16.4%	16.3%	37.0%	27.5%	42.5%	49.7%	66.1%	56.8%
Biological Sci	27.5%	27.5%	51.9%	42.2%	45.4%	56.2%	73.4%	62.9%
Earth Sciences	54.0%	54.1%	62.1%***	59.5%	57.2%	67.7%	83.1%	74.9%

*White males were ~39.7% of 2006 US population. **Top 40 departments. ***1995 data only.

Departments 1 - 50 FY2007				Departments 51 - 100 FY2007				Discipline
asst	assoc	prof	all	asst	assoc	prof	all	
55.9%	66.1%	82.1%	74.8%	57.5%	67.0%	81.7%	73.4%	Chemistry
47.8%	65.7%	80.5%	72.5%	49.6%	60.4%	76.8%	67.6%	Math
51.9%	68.7%	67.3%	63.8%	40.5%	58.8%	65.5%	56.5%	Computer Sci
65.9%	66.0%	83.0%	77.6%	not available				Astronomy**
68.2%	72.3%	81.6%	78.0%	67.0%	70.1%	80.5%	76.1%	Physics
51.5%	65.8%	76.2%	69.6%	53.8%	59.6%	68.6%	63.4%	Chemical Engr
48.7%	64.8%	76.6%	67.9%	51.8%	66.5%	66.5%	62.6%	Civil Engr
48.4%	61.9%	67.5%	62.2%	43.0%	66.7%	68.8%	62.2%	Electrical Engr
47.0%	61.1%	71.0%	64.3%	52.1%	60.5%	67.8%	62.8%	Mechanical Engr
49.5%	68.0%	81.5%	71.4%	42.1%	61.9%	78.3%	65.9%	Economics
53.6%	60.0%	75.6%	65.7%	47.9%	63.3%	77.1%	64.8%	Political Science
31.2%	45.3%	61.8%	50.2%	28.8%	39.9%	60.5%	46.7%	Sociology
44.0%	51.3%	65.4%	57.4%	40.6%	47.7%	67.3%	56.0%	Psychology
43.8%	55.2%	73.5%	62.7%	47.3%	57.7%	73.4%	63.2%	Biological Sci
59.1%	66.1%	83.5%	75.5%	54.8%	70.2%	82.5%	74.2%	Earth Sciences

Conclusion

Impending global crises and U.S. demographic changes require the U.S. to develop its intellectual capital fully, especially in the areas of science and engineering, in order to maintain its global leadership and economic strength. As U.S. population demographic changes continue and make their way through our educational system, they will directly affect thinking and practices regarding science and engineering education in the United States, the future of science and engineering professions, and the need for diversity in the science and engineering work force. The data herein provide one measure of our preparedness to meet these challenges and to groom a balanced representation of our U.S. citizens not only to participate in, but also to lead, the imminent "Great Crew Change" in science and engineering.

Our data reveal that URMs among our science and engineering faculty are shockingly underrepresented despite increased general growth in their representation among B.S. and Ph.D. recipients. As expected, compared to their share of the U.S. population, URMs are underrepresented at almost every point in the academic pipeline. In most disciplines, there is a drop in representation at each point measured, with a gradual decrease up to the rank of "full" professor, where the lowest representation is found; this reflects an increase in recent hiring in those disciplines. However, in some disciplines, the representation of Blacks, Hispanics, or Native Americans, among assistant professors (the most recently hired rank) is lowest and occasionally zero.

"The educational system is less and less responsive to our underrepresented minority populations as the degree stakes go up. And universities' interpretation and implementation of so-called diversity do virtually nothing to help. The rate at which the minority population is growing is outpacing the rate at which we are improving our effectiveness in educating these students. We know a lot about what works. We just don t use what we know. If we don't bring our domestic minority populations into the science pipeline, the U.S. will lose its technological leadership -- and soon."

Dr. Richard A. Tapia, University Professor of Mathematics, Maxfield and Oshman Professor in Engineering, Rice University. [26]

Methodology

In order to investigate the race/ethnicity, rank, and gender of faculty, we surveyed top research departments of fifteen science and engineering disciplines. For each discipline, we selected all pertinent departments in each university that ranked in the top 100 according to the most recent National Science Foundation annual report on academic research expenditures available at the time of data collection. The top 100 departments were different for each discipline. Over 90% of the departments in our sample are located in universities classified in either the Doctoral/Research Universities-Extensive category or the Doctoral/Research Universities-Intensive category of the Carnegie Classification of Institutions of Higher Education. For each of the top 100 departments in research expenditures, department chairs were asked to report the race/ethnicity (Asian, Black, White, Hispanic, and Native American), rank (assistant, associate, and professor) and the gender of tenured and tenure-track faculty for fiscal year 2007. In a limited number of instances, data were unavailable from department chairs and were collected instead from other sources, such as department websites and published directories.

If a university had both a math department and a department of statistics or applied mathematics, then we included both departments in the math survey; these are designated in the Appendix math tables by #. These additional departments were sufficiently few that we were able to gather data for the full population in math. In biological sciences and in earth sciences, we surveyed all pertinent departments of each university (sometimes over 15 departments per university); in these two disciplines, the number of departments was so high that we did not attempt to gather information from all departments for each university.

In each discipline, some departments did not respond or declined to participate; in these cases, we gathered the information from the departmental website, so that we had the full population, rather than a sample. Universities for which departmental data were gathered from a source other than the chair(s) or the(ir) designee(s) are marked in the Appendix tables by **.

In cases in which the NSF listed fewer than 100 departments for a discipline, we surveyed all that were provided. For example, NSF ranked only 40 astronomy departments. Engineering disciplines and social sciences disciplines each had been grouped by NSF, and the research expenditures of the group were used to rank the top 100 universities. This caused an occasional sub-disciplinary department to be included among the top 100, even though it had no research expenditures reported (or might not even exist). We omitted those departments. Therefore, although it was still possible to sort and rank research funding expenditures by sub-discipline, some sub-disciplines have fewer than 100 departments, as seen in the Appendix tables.

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Biographical Sketch

Dr. Donna Nelson, associate professor of chemistry at Oklahoma University, obtained her Ph.D. in chemistry at UT-Austin with MJS Dewar, did her postdoctorate at Purdue with HC Brown, and joined OU in 1983. She has over 90 publications and several honors, including NSF ADVANCE Leadership Award, SACNAS Distinguished Scientist, Women's eNews "21 Leaders for the 21st Century", AAAS Fellow, Guggenheim Award, NOW "Woman of Courage", Ford Fellow, Sigma Xi Faculty Research Award, NSF Creativity Extension, and many keynote talks.

She researches three global challenges – energy, environment, and scientific work force development, and frequently speaks on their interrelationship. Her chemical research involves functionalizing single walled carbon nanotubes (SWNTs), with applications in energy research and technology development, and yielded the first COSY NMR spectrum of covalently functionalized SWNTs in solution.

For more information about Dr. Donna Nelson, please visit her web site at http://chem.ou.edu/~djn/djn.html.

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Appendix

This includes tables of data on tenured/tenure-track faculty at the top 100 departments of fifteen science and engineering disciplines by race/ethnicity, by gender, and by rank. There are two tables for each discipline except astronomy. The first table gives data for departments 1 – 50, and the second table gives data for departments 51 - ~100.

There are separate columns for race/ethnicity, and within each race/ethnicity category, there are separate columns for rank. This gives the disaggregation by race/ethnicity and rank.

Data for females are given at each point in the table. In each data entry, the number after the decimal point shows the number of people that are female. For example the total number of tenured and tenure track faculty in the top 50 chemistry departments in FY2007 is 1691.232; this means there are 1691 people, 232 of whom are female.

Data are provided for departments in the following disciplines:

Table 1 Chemistry
Table 2 Mathematics
Table 3 Computer Science
Table 4 Astronomy
Table 5 Physics
Table 6 Chemical Engineering
Table 7 Civil Engineering
Table 8 Electrical Engineering
Table 9 Mechanical Engineering
Table 10 Economics
Table 11 Political Science
Table 12 Sociology
Table 13 Psychology
Table 14 Biological Sciences
Table 15 Earth Sciences

Permission and Suggested Citation

Permission to use the data in this report, in the original Nelson Diversity Surveys report,[12] and in the Appendix tables herein is granted, provided (1) this report is cited as the source and (2) no charge or fee is associated with anything based on the data in this report, without permission from Donna Nelson. An appropriate formal citation to this report would contain the following information, in any format: Dr. Donna J. Nelson, Christopher N. Brammer, and Heather Rhoads. "A National Analysis of Minorities in Science and Engineering Faculties at Research Universities." Diversity in Science Association and University of Oklahoma, Norman, OK. October 31, 2007; http://chem.ou.edu/~djn/diversity/Faculty_Tables_FY07/FinalReport07.html . However, similarly to the report of our FY2002 data, this report may be more casually referred to simply as The 2007 Nelson Diversity Surveys.

Addendum

An expanded version of Table 3 for URMs and a comparable table for women (Table 15) were used at the National Press Club briefing and the Capitol Hill briefing on October 31, 2007. They were added to this report as a result of requests made at those briefings. These tables enable a direct comparison of increases made by URMs and women, at different points in the academic pipeline, during 5 year periods.

This report is available at:
http://chem.ou.edu/~djn/diversity/Faculty_Tables_FY07/FinalReport07.html

Addenda.

Table 3. URMs Among Degree Recipients and All Professors (expanded)

Discipline	B.S.		Ph.D.		Top 50 Faculty	
	2000	2005	2000	2005	FY2002	FY2007
Chemistry	17.0%	16.7%	8.4%	8.5%	3.2%	3.7%
Math	14.4%	13.1%	5.5%	9.1%	3.6%	2.3%
Computer Sci	17.6%	20.6%	7.4%	6.5%	1.6%	2.5%
Astronomy	6.4%	8.6%	3.8%	4.5%	2.4%	2.2%
Physics	9.5%	10.3%	5.9%	5.6%	2.6%	2.5%
Chemical Engr	14.2%	14.7%	7.2%	11.0%	4.9%	5.6%
Civil Engr	14.0%	14.3%	6.3%	8.2%	5.4%	6.6%
Electrical Engr	15.8%	16.1%	6.8%	9.5%	4.3%	3.6%
Mechanical Engr	12.5%	11.5%	8.6%	8.9%	3.9%	4.3%
Economics	12.4%	13.1%	9.2%	10.7%	4.3%	5.7%
Political Science	20.1%	20.8%	12.1%	13.9%	6.9%	6.9%
Sociology	27.0%	28.7%	17.7%	19.2%	10.1%	12.9%
Psychology	20.1%	21.6%	13.3%	13.4%	6.3%	7.1%
Biological Sci	15.5%	16.5%	7.4%	9.6%	3.0%	3.8%
Earth Sciences	5.4%	6.6%	5.2%	6.7%	na	3.4%
average -->	15.5%	16.2%	8.5%	9.9%	4.5%	5.0%
5-yr increase -->	0.7%		1.4%		0.5%	
US population -->	25.7%	27.6%	=1.9% increase			

Table 15. Women Among Degree Recipients and All Professors

Discipline	B.S.		Ph.D.		Top 50 Faculty	
	2000	2005	2000	2005	FY2002	FY2007
Chemistry	47.3%	51.7%	34.0%	36.8%	12.1%	13.7%
Math	48.2%	44.9%	28.6%	27.9%	8.3%	12.1%
Computer Sci	27.7%	22.0%	18.8%	22.2%	10.6%	13.5%
Astronomy	32.7%	42.4%	25.2%	28.3%	12.4%	15.8%
Physics	21.4%	21.1%	12.0%	14.5%	6.6%	9.5%
Chemical Engr	35.7%	36.7%	26.4%	25.4%	10.5%	12.9%
Civil Engr	24.5%	23.9%	18.4%	31.3%	9.8%	12.7%
Electrical Engr	13.1%	12.9%	14.3%	14.2%	6.5%	9.7%
Mechanical Engr	13.9%	13.2%	14.1%	13.3%	6.7%	9.0%
Economics	32.3%	31.5%	28.7%	36.1%	11.5%	15.1%
Political Science	50.1%	51.0%	37.4%	44.8%	23.5%	25.6%
Sociology	70.2%	70.5%	60.2%	64.2%	35.8%	39.7%
Psychology	76.5%	77.8%	67.5%	68.8%	33.5%	36.0%
Biological Sci	58.4%	62.2%	46.6%	49.3%	20.1%	24.8%
Earth Sciences	30.6%	41.9%	30.6%	37.1%	na	16.1%
average -->	39.4%	40.1%	30.9%	34.1%	14.9%	17.9%
5-yr increase -->	0.7%		3.2%		3.0%	

Table 1. Tenured/Tenure Track Faculty at the Top 50 Chemistry Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
UC San Francisco	11	1.001	5.001	*17.002*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	**19.002**
UC Berkeley	38.006	7.001	3	*48.007*	1	-	1	*2*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**52.007**
UT Austin	27.001	6.001	6	*39.002*	-	-	-	*0*	-	-	-	*0*	1	-	3.002	*4.002*	-	-	-	*0*	**43.004**
California Inst Tech	20.002	1	1	*22.002*	-	-	1	*1*	1	-	-	*1*	1	1.001	1.001	*3.002*	-	-	-	*0*	**27.004**
Pennsylvania St	15.002	6.001	5.003	*26.006*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**28.006**
Harvard	13.001	1	2	*16.001*	-	-	-	*0*	1	-	1	*2*	4.001	-	-	*4.001*	-	-	-	*0*	**22.002**
IL Urbana-Champaign	26.004	4.001	6.001	*36.006*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	**38.006**
MIT	19.003	4.001	4.001	*27.005*	-	-	-	*0*	-	-	-	*0*	1	1	1.001	*3.001*	-	-	-	*0*	**30.006**
Cornell	22.002	4	3	*29.002*	1	-	-	*1*	1	-	-	*1*	1	-	4	*5*	-	-	-	*0*	**36.002**
UCLA	34.006	5.001	3.002	*42.009*	-	1	-	*1*	1	-	-	*1*	1	1	2.001	*4.001*	-	-	-	*0*	**48.010**
UC San Diego	33.006	-	12	*45.006*	-	-	-	*0*	2.001	-	-	*2.001*	3	2	4.001	*9.001*	-	-	-	*0*	**56.008**
Texas A&M	33.004	3	4	*40.004*	1	-	-	*1*	2	-	-	*2*	-	-	3.001	*3.001*	-	-	-	*0*	**46.005**
Washington	27.002	2.001	5	*34.003*	2	-	-	*2*	-	-	-	*0*	3	1	2.001	*6.001*	-	-	-	*0*	**42.004**
Stanford	14.001	3	2.001	*19.002*	-	-	-	*0*	-	-	-	*0*	2	1	-	*3*	-	-	-	*0*	**22.002**
Massachusetts	10.001	6.001	2.001	*18.003*	-	-	-	*0*	-	2.001	-	*2.001*	-	2	-	*2*	-	-	-	*0*	**22.004**
Northwestern	23.001	2.001	1	*26.002*	-	-	-	*0*	-	-	-	*0*	-	1	1.001	*2.001*	-	-	-	*0*	**28.003**
Wisconsin Madison	26.002	2	6.002	*34.004*	-	-	-	*0*	-	-	-	*0*	1	-	5	*6*	-	-	-	*0*	**40.004**
Rutgers	27.006	4.002	4	*35.008*	1	-	-	*1*	-	1.001	-	*1.001*	3.001	-	-	*3.001*	-	-	-	*0*	**40.010**
North Carolina	23.002	8.002	1	*32.004*	-	1.001	-	*1.001*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**35.005**
Indiana	14	4.002	4	*22.002*	-	-	-	*0*	-	-	1	*1*	2	1	4	*7*	-	-	-	*0*	**30.002**
Colorado	23.003	1.001	8.001	*32.005*	-	-	-	*0*	2	-	-	*2*	1	1	1	*3*	-	-	-	*0*	**37.005**
Michigan	17.001	7.002	11.004	*35.007*	1	-	-	*1*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**38.007**
Georgia Tech	21.001	9.001	5.002	*35.004*	-	-	1	*1*	1	1	1	*3*	1	-	-	*1*	-	-	-	*0*	**40.004**
Ohio St	20.003	5	4	*29.003*	-	-	-	*0*	1.001	-	-	*1.001*	6	-	2	*8*	-	-	-	*0*	**38.004**
Florida St	14.002	9.001	6.001	*29.004*	-	-	-	*0*	-	-	1	*1*	1	2.002	2	*5.002*	-	-	-	*0*	**35.006**
Utah	21.002	3	4.001	*28.003*	-	-	-	*0*	-	-	1.001	*1.001*	1	1.001	-	*2.001*	-	-	-	*0*	**31.005**
Louisiana St	19.001	6.001	4.001	*29.003*	1	-	-	*1*	-	-	-	*0*	-	1.001	1	*2.001*	-	-	-	*0*	**32.004**
Michigan St	20.002	10.001	2	*32.003*	1	-	1	*2*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	**36.003**
Pittsburgh	11	8.002	7.001	*26.003*	-	-	-	*0*	-	-	-	*0*	-	-	4.001	*4.001*	-	-	-	*0*	**30.004**
Florida	24.001	13.002	5.002	*42.005*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	3	*3*	-	-	-	*0*	**46.006**
Purdue	29.004	8.003	4.001	*41.008*	1	-	-	*1*	1	1.001	-	*2.001*	3	3.001	2.001	*8.002*	-	-	-	*0*	**52.011**
Princeton	19	2.002	3	*24.002*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**25.002**
Pennsylvania	22.002	4.001	3	*29.003*	-	-	-	*0*	-	-	-	*0*	1	1	1.001	*3.001*	1	-	-	*1*	**33.004**
Minnesota	22.002	8.001	4.002	*34.005*	-	-	-	*0*	-	1	-	*1*	3	-	-	*3*	-	-	-	*0*	**38.005**
SUNY Buffalo	22.001	3	4.001	*29.002*	-	-	-	*0*	1	-	-	*1*	1	1.001	2	*4.001*	-	-	-	*0*	**34.003**
Johns Hopkins	13	2	4.002	*19.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**19.002**
Arizona St	25.001	7.001	8.004	*40.006*	-	-	-	*0*	1.001	1	1.001	*3.002*	-	-	3	*3*	-	-	-	*0*	**46.008**
Virginia Polytech	16.003	7	3	*26.003*	-	-	-	*0*	-	-	1	*1*	-	1	1	*2*	-	-	-	*0*	**29.003**
Notre Dame	18	5.002	5.002	*28.004*	1	-	-	*1*	-	-	-	*0*	2	-	2	*4*	-	-	-	*0*	**33.004**
UC Irvine	30.001	3.001	6.003	*39.005*	1	-	-	*1*	-	-	-	*0*	4	-	2.002	*6.002*	-	-	-	*0*	**46.007**
Arizona	17.005	3	3	*23.005*	-	-	-	*0*	1	1	1.001	*3.001*	-	1	2	*3*	-	1	-	*1*	**30.006**
SUNY Stony Brook	15.003	4.002	2.001	*21.006*	1	-	-	*1*	-	-	-	*0*	3	1	2	*6*	-	-	-	*0*	**28.006**
South Carolina	15.001	1	9.002	*25.003*	-	-	-	*0*	-	-	-	*0*	-	2.001	1	*3.001*	-	-	-	*0*	**28.004**
Akron	10.002	3	1	*14.002*	-	-	-	*0*	-	-	-	*0*	1	2	1	*4*	-	-	-	*0*	**18.002**
Rice	13.001	-	6.001	*19.002*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**20.002**
Chicago	13.001	3	2	*18.001*	-	-	-	*0*	-	-	-	*0*	3	1.001	2	*6.001*	-	-	-	*0*	**24.002**
Delaware	15.001	7.002	3	*25.003*	-	1.001	-	*1.001*	-	-	-	*0*	1	1	1	*3*	-	-	-	*0*	**29.004**
MD College Park	23.005	7.001	6.001	*36.007*	-	-	2.001	*2.001*	-	1	-	*1*	-	1	1	*2*	-	-	-	*0*	**41.008**
Southern California	15.001	4.001	1.001	*20.003*	-	-	-	*0*	-	1	-	*1*	3	2	1	*6*	-	-	-	*0*	**27.003**
Virginia	21.001	2	2.001	*25.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**25.002**
Chemistry Total	1018.103	227.044	214.047	*1459.194*	13	4.003	6.001	*23.004*	19.003	10.003	8.003	*37.009*	64.002	35.009	71.014	*170.025*	2	1	0	3	**1692.232**
Percent within race	70%	16%	15%	*100%*	57%	17%	26%	*100%*	51%	27%	22%	*100%*	38%	21%	42%	*100%*	67%	33%	0%	*100%*	
Percent of grand total	60.2%	13.4%	12.6%	*86.2%*	0.8%	0.2%	0.4%	*1.4%*	1.1%	0.6%	0.5%	*2.2%*	3.8%	2.1%	4.2%	*10.0%*	0.1%	0.1%	0%	*0.2%*	**100%**
Females in column	10.1%	19.4%	22.0%	13.3%	0%	75.0%	16.7%	17.4%	15.8%	30.0%	37.5%	24.3%	3.1%	25.7%	19.7%	14.7%	0%	0%	0%	0%	13.7%

*By chemical research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 1-B. Tenured/Tenure Track Faculty at Chemistry Departments No. 51 - 100 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
UT MDA Cancer Ctr.	5.001	5.002	2	*12.003*	-	-	-	*0*	-	-	-	*0*	-	2	2.001	*4.001*	-	-	-	*0*	**16.004**
UC Davis	21.008	7	4	*32.008*	-	-	-	*0*	-	-	-	*0*	3.001	2	1.001	*6.002*	-	-	-	*0*	**38.010**
Yale	16.001	1	2.001	*19.002*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	**20.002**
Georgia	16	5	2	*23*	1	-	1	*2*	1	-	-	*1*	-	-	1.001	*1.001*	-	-	-	*0*	**27.001**
North Carolina St	13	5	5.001	*23.001*	-	-	1	*1*	-	1.001	-	*1.001*	2	-	1.001	*3.001*	-	-	-	*0*	**28.003**
Southern Mississippi	6.001	3	4.001	*13.002*	-	1	1	*2*	-	-	-	*0*	-	1	1	*2*	-	-	1	*1*	**18.002**
Oklahoma	14	4.001	3.001	*21.002*	1	-	-	*1*	-	-	-	*0*	1.001	1	1	*3.001*	-	1.001	-	*1.001*	**26.004**
Emory	15	-	6.001	*21.001*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**23.001**
UC Santa Cruz	11.001	3.001	2	*16.002*	1	-	-	*1*	1	-	-	*1*	3	1	-	*4*	-	-	-	*0*	**22.002**
Washington St. Louis	16.001	2	7.002	*25.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**25.003**
Colorado St	18.004	5	3.001	*26.005*	-	-	-	*0*	-	-	1.001	*1.001*	1	1	-	*2*	-	-	-	*0*	**29.006**
Columbia New York	-	2.001	3.001	*5.002*	-	-	-	*0*	1	-	1	*2*	1	-	-	*1*	-	-	-	*0*	**8.002**
UC Santa Barbara	24.002	4.001	5	*33.003*	-	-	-	*0*	-	-	-	*0*	-	-	2.002	*2.002*	-	-	-	*0*	**35.005**
Washington St	13.003	3	2.001	*18.004*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**20.004**
Illinois Chicago	6	3	4	*13*	-	-	-	*0*	-	-	-	*0*	4.001	-	1	*5.001*	-	-	-	*0*	**18.001**
Wayne State	14.002	3.001	6.001	*23.004*	-	-	-	*0*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**26.004**
Boston College	13.002	1	4	*18.002*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**20.002**
Mississippi St	5	3	3.001	*11.001*	-	-	1.001	*1.001*	-	-	-	*0*	-	1	1.001	*2.001*	-	-	-	*0*	**14.003**
Iowa St	17.002	2.001	4.001	*23.004*	-	-	1.001	*1.001*	-	-	-	*0*	4.001	1	-	*5.001*	-	-	-	*0*	**29.006**
CUNY Hunter C	11.003	-	-	*11.003*	-	-	2.001	*2.001*	-	-	1.001	*1.001*	-	1	3.001	*4.001*	-	-	-	*0*	**18.006**
New Mexico St	7	3.001	2.002	*12.003*	-	-	-	*0*	-	1	1	*2*	1	1	-	*2*	-	-	-	*0*	**16.003**
Clemson	10.001	5.001	6.001	*21.003*	-	-	-	*0*	1	-	-	*1*	2	-	-	*2*	-	-	-	*0*	**24.003**
Arkansas	11.001	4	1	*16.001*	-	-	1	*1*	-	-	-	*0*	1	1	2	*4*	-	-	-	*0*	**21.001**
Boston U**	14	5.001	4.001	*23.002*	-	-	-	*0*	-	-	-	*0*	-	-	3	*3*	-	-	-	*0*	**26.002**
Kentucky	13.001	3.001	2	*18.002*	1	2	-	*3*	1.001	-	-	*1.001*	1	1	1	*3*	-	1	-	*1*	**26.003**
Brown	15	2.001	2	*19.001*	-	-	2.001	*2.001*	-	-	-	*0*	-	3	-	*3*	-	-	-	*0*	**24.002**
Duke	13.001	4	5.001	*22.002*	-	-	-	*0*	-	-	-	*0*	1	1	2	*4*	-	-	-	*0*	**26.002**
Houston	11	2	3	*16*	-	-	-	*0*	1	1	-	*2*	2.001	4	1	*7.001*	-	-	-	*0*	**25.001**
Nebraska	12.001	4	1	*17.001*	-	-	-	*0*	-	-	-	*0*	1	-	4	*5*	-	-	-	*0*	**22.001**
New York	8.001	2	2	*12.001*	-	1	-	*1*	-	-	-	*0*	1	1	2	*4*	-	1	1	*2*	**19.001**
North Dakota St	4	5	2	*11*	-	-	-	*0*	-	-	-	*0*	2	-	2.001	*4.001*	-	-	-	*0*	**15.001**
Montana St	8.001	8.003	2	*18.004*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**19.004**
Maryland Baltimore Co	8	5.002	4.002	*17.004*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**18.004**
Alabama Huntsville	8	3.001	3	*14.001*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.001**
Iowa	7.001	12.003	6.001	*25.005*	-	-	-	*0*	-	-	1	*1*	-	1	-	*1*	-	-	-	*0*	**27.005**
Carnegie Mellon	8	6.001	3.002	*17.003*	-	-	-	*0*	1	-	-	*1*	1	-	3	*4*	-	-	-	*0*	**22.003**
Oklahoma St	8	4	4	*16*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16**
Tennessee	18.001	3.001	3	*24.002*	1	-	-	*1*	-	-	-	*0*	1	1.001	2.001	*4.002*	-	-	-	*0*	**29.004**
UC Riverside	13.001	3	2	*18.001*	-	-	-	*0*	1	-	-	*1*	1	2.001	3.001	*6.002*	-	-	-	*0*	**25.003**
UT Dallas	6	6.001	4	*16.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.001**
Case Western Reserve	12.001	3.001	2	*17.002*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**18.003**
Virginia Commonwealth	9.004	2.001	2	*13.005*	-	-	-	*0*	-	-	1	*1*	-	-	1	*1*	-	-	-	*0*	**15.005**
Rockefeller**	9.001	3	1	*13.001*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**14.001**
Oregon	14.003	4.002	4.001	*22.006*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**23.006**
Vanderbilt	15	5.001	5.001	*25.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**26.002**
Cincinnati	18.001	4.001	4.002	*26.004*	-	-	1	*1*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**28.005**
Kansas	14.002	4.001	8.003	*26.006*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**27.006**
Texas Tech	11.001	5	5.001	*21.002*	-	-	-	*0*	-	-	1	*1*	1	2.001	1	*4.001*	-	-	-	*0*	**26.003**
Maine	6.001	6.001	1	*13.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**13.002**
Tufts	6.001	4.001	1	*11.002*	-	-	-	*0*	-	1	-	*1*	1	-	1	*2*	-	-	-	*0*	**14.002**
Chemistry Total	570.056	190.034	165.031	*925.121*	5	4	12.004	*21.004*	9.001	5.001	7.002	*21.004*	45.005	31.005	47.011	*123.021*	0	3.001	2	*5.001*	**1095.151**
Percent within race	62%	21%	18%	*100%*	24%	19%	57%	*100%*	43%	24%	33%	*100%*	37%	25%	38%	*100%*	0%	60%	40%	*100%*	
Percent of grand total	52.1%	17.4%	15.1%	*84.5%*	0.5%	0.4%	1.1%	*1.9%*	0.8%	0.5%	0.6%	*1.9%*	4.1%	2.8%	4.3%	*11.2%*	0%	0.3%	0.2%	*0.5%*	**100%**
Females in column	9.8%	17.9%	18.8%	13.1%	0%	0%	33.3%	19.0%	11.1%	20.0%	28.6%	19.0%	11.1%	16.1%	23.4%	17.1%	0%	33.3%	0%	20.0%	13.8%

*By chemical research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 2. Tenured/Tenure Track Faculty at the Top 50 Math & Statistics Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Johns Hopkins**#	21	1.001	5.001	*27.002*	-	-	-	*0*	-	-	-	*0*	3.001	1	2	*6.001*	-	-	-	*0*	**33.003**
George Washington**#	10.001	5.001	3.001	*18.003*	-	-	-	*0*	-	-	-	*0*	5	1	4	*10*	-	-	-	*0*	**28.003**
UT MDA Cancer Ctr.	10.002	5	1	*16.002*	-	-	-	*0*	-	-	-	*0*	4.002	1.001	6.001	*11.004*	-	-	-	*0*	**27.006**
North Carolina St#	36.003	10.002	13.004	*59.009*	6.002	-	-	*6.002*	-	2.001	-	*2.001*	13	4	8.004	*25.004*	-	-	-	*0*	**92.016**
UT Austin	28.002	3.001	6.001	*37.004*	-	-	-	*0*	5.001	1	-	*6.001*	-	-	2	*2*	-	-	-	*0*	**45.005**
Boston College	7.002	11.001	1	*19.003*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**21.003**
Rutgers**#	60.001	10.001	8.004	*78.006*	-	-	-	*0*	-	-	1	*1*	9.001	2	3	*14.001*	-	-	-	*0*	**93.007**
Texas A&M**#	61.004	22.002	15.003	*98.009*	-	-	-	*0*	1	-	-	*1*	8.002	4	8.006	*20.008*	-	-	-	*0*	**119.017**
Iowa St#	33.003	13.002	10.004	*56.009*	-	-	-	*0*	1.001	-	-	*1.001*	6	8	8.005	*22.005*	-	-	-	*0*	**79.015**
Pennsylvania St#	36.001	10.002	10.004	*56.007*	2	-	1.001	*3.001*	-	-	-	*0*	9.001	3.002	5.002	*17.005*	-	-	-	*0*	**76.013**
New York**	35	8.001	5.001	*48.002*	-	-	-	*0*	-	-	-	*0*	2	2	4	*8*	-	-	-	*0*	**56.002**
Ohio St#	50.003	10.001	8.004	*68.008*	-	-	-	*0*	1	-	-	*1*	13.001	2	7.005	*22.006*	-	-	-	*0*	**91.014**
UC Berkeley#	67.009	3	7.001	*77.01*	-	-	-	*0*	-	-	-	*0*	4.001	1	2.001	*7.002*	-	-	-	*0*	**84.012**
Brown#	15.001	4	-	*19.001*	-	-	-	*0*	-	-	-	*0*	1.001	-	1.001	*2.002*	-	-	-	*0*	**21.003**
Georgia Tech**	21	6	7.002	*34.002*	1	-	-	*1*	-	1	-	*1*	4	5	2	*11*	-	-	-	*0*	**47.002**
Georgia#	24.004	11.003	5	*40.007*	-	-	-	*0*	-	-	-	*0*	5	3	4.001	*12.001*	-	-	-	*0*	**52.008**
UCLA#	43	9.001	-	*52.001*	-	-	-	*0*	-	-	-	*0*	7.001	2	3.001	*12.002*	-	-	-	*0*	**64.003**
Stanford#	26.002	3	4	*33.002*	-	-	-	*0*	-	-	-	*0*	3	1	1	*5*	-	-	-	*0*	**38.002**
Minnesota#	51.001	10.001	7.002	*68.004*	-	-	-	*0*	2	-	-	*2*	6	4	2	*12*	-	-	-	*0*	**82.004**
SUNY Stony Brook	18.002	6	6.002	*30.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**30.004**
MD College Park**#	52.001	9	4	*65.001*	1	-	1	*2*	-	-	-	*0*	2.001	1	-	*3.001*	-	-	-	*0*	**70.002**
Arizona	26.002	14.001	8.001	*48.004*	-	-	-	*0*	2.001	1	-	*3.001*	4.001	5	2.001	*11.002*	-	1	-	*1*	**63.007**
MIT	47.002	8	5.001	*60.003*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	**62.003**
Wisconsin Madison#	42.002	8	8.003	*58.005*	-	-	1	*1*	-	1.001	-	*1.001*	8	5.002	3	*16.002*	-	-	-	*0*	**76.008**
Chicago**#	33.002	2	11.002	*46.004*	-	-	-	*0*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**48.004**
Illinois Chicago**	35.001	7.002	5.002	*47.005*	-	2	-	*2*	-	-	-	*0*	4.001	-	3.002	*7.003*	-	-	-	*0*	**56.008**
Kentucky	20	5.002	4	*29.002*	-	-	-	*0*	-	-	-	*0*	4	1	1.001	*6.001*	-	-	-	*0*	**35.003**
Purdue**#	45.003	7.002	9.005	*61.010*	1	-	1	*2*	1	1	-	*2*	14.001	5.002	11.004	*30.007*	-	-	-	*0*	**95.017**
Washington#	43.003	11.002	7.004	*61.009*	-	-	-	*0*	2.001	-	-	*2.001*	3	2.001	1	*6.001*	-	-	-	*0*	**69.011**
Southern California**	25.001	2	9	*36.001*	-	-	-	*0*	-	-	-	*0*	2	1	3	*6*	-	-	-	*0*	**42.001**
Princeton	27.001	-	4.002	*31.003*	-	-	-	*0*	-	-	-	*0*	5.001	-	4.001	*9.002*	-	-	-	*0*	**40.005**
Michigan#	53.005	9.002	13.004	*75.011*	-	-	2	*2*	1	-	-	*1*	7.001	1	3	*11.001*	-	-	-	*0*	**89.012**
George Mason#	19.002	10.003	2	*31.005*	-	-	-	*0*	-	-	-	*0*	-	2	1	*3*	-	-	-	*0*	**34.005**
Illinois Urb Champaign**#	37.001	19.002	15	*71.003*	-	-	-	*0*	-	-	-	*0*	4.001	2	9.002	*15.003*	-	-	-	*0*	**86.006**
Florida#	30.002	21.002	8.002	*59.006*	1	-	-	*1*	1	-	-	*1*	5.001	1	2.001	*8.002*	-	-	-	*0*	**69.008**
Indiana#	31	11.003	3.001	*45.004*	-	-	-	*0*	1	-	-	*1*	5	1	-	*6*	-	-	-	*0*	**52.004**
Naval Postgrad School	6	5	1.001	*12.001*	-	-	-	*0*	1	-	-	*1*	1	1.001	1.001	*3.002*	-	-	-	*0*	**16.003**
Cornell	29.002	3.001	4.001	*36.004*	-	-	-	*0*	-	-	-	*0*	2	1	1	*4*	-	-	-	*0*	**40.004**
Rice**#	19.002	2	2.001	*23.003*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**24.003**
Michigan St#	34.006	9.003	8.003	*51.012*	-	-	-	*0*	-	-	-	*0*	16	4.002	9.001	*29.003*	-	-	-	*0*	**80.015**
UC San Diego	35.003	2	5.001	*42.004*	1.001	-	-	*1.001*	-	-	-	*0*	3.001	6.001	1	*10.002*	-	-	-	*0*	**53.007**
Carnegie Mellon**#	33.002	6.001	4	*43.003*	-	-	-	*0*	-	-	-	*0*	1	1	1.001	*3.001*	-	-	-	*0*	**46.004**
Colorado St#	21.001	11.003	7.002	*39.006*	-	-	-	*0*	-	-	-	*0*	-	1	2	*3*	-	-	-	*0*	**42.006**
Rockefeller**	9	-	-	*9*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9**
Pennsylvania**	22.001	3.001	-	*25.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**26.002**
Memphis	10.001	1	6.001	*17.002*	1	-	-	*1*	1.001	-	1.001	*2.002*	4	1.001	1	*6.001*	-	-	-	*0*	**26.005**
Texas A&M Corpus Christi	1	4.002	1.001	*6.003*	-	-	-	*0*	2.001	1	1	*4.001*	-	1	-	*1*	-	-	-	*0*	**11.004**
Colorado#	21.003	7.002	7.001	*35.006*	1	2	-	*3*	-	-	1	*1*	-	2	1	*3*	-	-	-	*0*	**42.006**
Nebraska**	20.003	9.002	4.002	*33.007*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**35.007**
UC Davis**#	31.003	8.003	1.001	*40.007*	-	-	-	*0*	1	-	-	*1*	9.002	-	8.003	*17.005*	-	-	-	*0*	**58.012**
Math/Statistics Total	1508.096	373.059	286.076	*2167.231*	15.003	4	6.001	*25.004*	24.006	8.002	4.001	*36.009*	208.022	92.013	143.045	*443.080*	0	1	0	*1*	**2672.324**
Percent within race	70%	17%	13%	*100%*	60%	16%	24%	*100%*	67%	22%	11%	*100%*	47%	21%	32%	*100%*	0%	100%	0%	*100%*	
Percent of grand total	56.4%	14.0%	10.7%	*81.1%*	0.6%	0.1%	0.2%	*0.9%*	0.9%	0.3%	0.1%	*1.3%*	7.8%	3.4%	5.4%	*16.6%*	0%	0.0%	0%	*0.0%*	**100%**
Females in column	6.4%	15.8%	26.6%	10.7%	20.0%	0%	16.7%	16.0%	25.0%	25.0%	25.0%	25.0%	10.6%	14.1%	31.5%	18.1%	0%	0%	0%	0%	12.1%

*By math research expenditures FY2002, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair.
#Includes data from more than one type of math department. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 2-B. Tenured/Tenure Track Faculty at Math & Statistics Departments No. 51-100 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Iowa#	27	7.003	3.003	*37.006*	-	1	-	*1*	2	-	-	*2*	11	1.001	5	*17.001*	-	-	-	*0*	**57.007**
New Jersey Inst Tech	10.001	11.001	6	*27.002*	-	1	-	*1*	1	1.001	-	*2.001*	4	4	4	*12*	-	-	-	*0*	**42.003**
Western Michigan#	16.004	9.005	3.001	*28.010*	1	-	-	*1*	-	-	-	*0*	3.001	1	2	*6.001*	-	-	-	*0*	**35.011**
Florida St#	25.002	9.001	9.001	*43.004*	-	-	1	*1*	-	-	-	*0*	5	3.001	4.001	*12.002*	-	-	-	*0*	**56.006**
Massachusetts Amherst	14	6	9.001	*29.001*	-	1	-	*1*	1	1.001	-	*2.001*	1	1	4.002	*6.002*	-	-	-	*0*	**38.004**
Virginia Tech**#	35.001	9.001	7.002	*51.004*	2	-	-	*2*	-	-	-	*0*	5.001	1	1	*7.001*	-	-	-	*0*	**60.005**
South Carolina#	23.002	8	7.003	*38.005*	-	-	1.001	*1.001*	-	-	-	*0*	3	1	4.001	*8.001*	-	-	-	*0*	**47.007**
UC Irvine**#	18.002	6.002	3	*27.004*	-	-	-	*0*	-	-	-	*0*	10.001	1	2	*13.001*	-	-	-	*0*	**40.005**
Harvard#	17	-	14.005	*31.005*	-	-	-	*0*	-	-	1	*1*	6.001	1	4.001	*11.002*	-	-	-	*0*	**43.007**
Morgan St	-	-	-	*0*	1	3	-	*4*	-	-	-	*0*	-	2.001	1	*3.001*	-	-	-	*0*	**7.001**
Tulane	11.001	4	1.001	*16.002*	-	-	-	*0*	1	1	-	*2*	1	1	1	*3*	-	-	-	*0*	**21.002**
SUNY Buffalo	15.002	7	7	*29.002*	1	-	-	*1*	-	-	-	*0*	4	2	3.002	*9.002*	-	-	-	*0*	**39.004**
Boston U	16.002	8.002	6	*30.004*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**32.004**
Rensselaer Polytechnic	13.003	3	-	*16.003*	2	-	-	*2*	-	-	-	*0*	3	-	1.001	*4.001*	-	-	-	*0*	**22.004**
Duke#	22	5.001	4	*31.001*	1	-	-	*1*	-	-	-	*0*	1	-	4.002	*5.002*	-	-	-	*0*	**37.003**
Arizona St	24.004	16.004	5.003	*45.011*	-	-	-	*0*	2	-	-	*2*	1	-	4.004	*5.004*	-	-	-	*0*	**52.015**
Pittsburgh#	18	7.001	8.001	*33.002*	-	-	-	*0*	1	-	-	*1*	3	1	2.001	*6.001*	-	-	-	*0*	**40.003**
Utah	29.001	4.001	3.001	*36.003*	-	-	-	*0*	1	-	-	*1*	2	3	1	*6*	-	-	-	*0*	**43.003**
North Carolina Chapel Hill	21.002	2	5.001	*28.003*	1	-	-	*1*	-	-	-	*0*	1	1	1	*3*	-	-	-	*0*	**32.003**
New Haven	4	1	-	*5*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**7**
Clemson	15.002	8.001	8.004	*31.007*	-	1	-	*1*	-	-	1	*1*	2	2.001	6	*10.001*	-	-	-	*0*	**43.008**
Louisiana St	33	3.001	10.001	*46.002*	1	1	-	*2*	-	-	-	*0*	-	-	2	*2*	-	-	1	*1*	**51.002**
Vermont	12.001	1	5	*18.001*	-	1	-	*1*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**22.001**
New Mexico**	19.001	5.002	2.001	*26.004*	-	-	-	*0*	-	1	-	*1*	-	2.001	-	*2.001*	-	-	-	*0*	**29.005**
Northwestern	19.001	4.001	4	*27.002*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**29.002**
Mississippi St	5	7.003	4.002	*16.005*	-	1.001	-	*1.001*	-	-	-	*0*	4	1	3.003	*8.003*	-	-	-	*0*	**25.009**
California St Dominiguez	2	-	-	*2*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**2**
Oregon St#	19.001	9.007	4.002	*32.010*	-	-	-	*0*	1	-	-	*1*	1	1.001	2.002	*4.003*	-	-	-	*0*	**37.013**
Notre Dame	18.002	10.001	1.001	*29.004*	-	-	-	*0*	2	-	-	*2*	6.001	-	2	*8.001*	-	-	-	*0*	**39.005**
Jackson State	1	-	1	*2*	2	-	7.001	*9.001*	-	-	-	*0*	1	3.001	1	*5.001*	-	-	-	*0*	**16.002**
Missouri Columbia**	27.002	7.003	-	*34.005*	-	-	-	*0*	-	-	-	*0*	4.001	3	1	*8.001*	-	-	-	*0*	**42.006**
UC Santa Barbara#	22.001	7.003	4	*33.004*	1	-	-	*1*	1	1	2.001	*4.001*	4.001	1	-	*5.001*	-	-	-	*0*	**43.006**
San Diego St	6	5.002	7.004	*18.006*	-	-	-	*0*	2	1	2	*5*	2	2.001	-	*4.001*	-	-	-	*0*	**27.007**
Columbia New York**#	23.001	3	14.004	*40.005*	-	-	-	*0*	-	-	1	*1*	5	2.001	5	*12.001*	-	-	-	*0*	**53.006**
San Jose St	21.006	2.002	4.001	*27.009*	-	-	-	*0*	-	-	-	*0*	3	2.001	1	*6.001*	-	-	-	*0*	**33.010**
Ithaca	4	7.001	1	*12.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	**13.001**
Wake Forest	9.001	3	3.001	*15.002*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**16.003**
Montana St Bozeman	13	9.003	3.001	*25.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**25.004**
Houston**	12.001	9	6.001	*27.002*	-	-	-	*0*	-	-	-	*0*	5	-	-	*5*	-	-	-	*0*	**32.002**
Yale**	12	-	12.002	*24.002*	-	-	-	*0*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**26.002**
Tennessee	19.001	4.001	-	*23.002*	-	-	-	*0*	-	-	-	*0*	5	1	-	*6*	-	-	-	*0*	**29.002**
Vanderbilt	15	5.001	12.001	*32.002*	-	-	-	*0*	-	-	-	*0*	3.001	1	4	*8.001*	-	-	-	*0*	**40.003**
Wisconsin Milwaukee	12	11.002	5.001	*28.003*	-	-	-	*0*	-	-	1	*1*	2	3	-	*5*	-	-	-	*0*	**34.003**
Norfolk St	1	1	-	*2*	1	3	2	*6*	-	-	-	*0*	3	-	3	*6*	-	-	-	*0*	**14**
Kansas St#	18	6	4.001	*28.001*	-	-	-	*0*	-	1.001	4.002	*5.003*	2	2	2.001	*6.001*	-	-	-	*0*	**39.005**
Cal Tech	12	1	1.001	*14.001*	-	-	-	*0*	-	-	-	*0*	2.001	-	-	*2.001*	-	-	-	*0*	**16.002**
Louisiana Lafayette	4	1.001	1	*6.001*	-	-	-	*0*	-	-	1	*1*	5.001	-	3.001	*8.002*	-	-	-	*0*	**15.003**
Portland St	10.003	4	4.002	*18.005*	-	-	-	*0*	1	-	1	*2*	2	2	1	*5*	-	-	-	*0*	**25.005**
Montana**	10.001	7.002	3.002	*20.005*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**21.005**
US Naval Academy**	26.003	12.005	7.003	*45.011*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**45.011**
Math/Statistics Total	777.055	273.064	230.059	*1280.178*	14	13.001	12.002	*39.003*	16	7.003	15.004	*38.007*	133.010	53.010	86.022	*272.042*	0	0	2	*2*	**1631.230**
Percent within race	61%	21%	18%	*100%*	36%	33%	31%	*100%*	42%	18%	39%	*100%*	49%	19%	32%	*100%*	0%	0%	100%	*100%*	
Percent of grand total	47.6%	16.7%	14.1%	*78.5%*	0.9%	0.8%	0.7%	*2.4%*	1.0%	0.4%	0.9%	*2.3%*	8.2%	3.2%	5.3%	*16.7%*	0%	0%	0.1%	*0.1%*	**100%**
Females in column	7.1%	23.4%	25.7%	13.9%	0%	7.7%	16.7%	7.7%	0%	42.9%	26.7%	18.4%	7.5%	18.9%	25.6%	15.4%	0%	0%	0%	0%	14.1%

*By math research expenditures FY2002, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair.
Includes data from more than one type of math department. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 3. Tenured/Tenure Track Faculty at the Top 50 Computer Science Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Illinois Urb Champ	14.002	9.001	15.001	*38.004*	-	-	-	*0*	3	-	-	*3*	3.001	2.001	5	*10.002*	-	-	-	*0*	**51.006**
Carnegie Mellon	28.003	8.002	7.001	*43.006*	-	-	-	*0*	-	-	-	*0*	6.001	2	1	*9.001*	-	-	-	*0*	**52.007**
Southern California	11.001	11.001	2.001	*24.003*	-	-	-	*0*	-	-	-	*0*	1	1	1.001	*3.001*	-	-	-	*0*	**27.004**
UC San Diego	19.002	8	6.001	*33.003*	-	-	-	*0*	-	-	-	*0*	10	-	6	*16*	-	-	-	*0*	**49.003**
Johns Hopkins	7	-	5.001	*12.001*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**13.001**
Georgia Tech**	5.002	6.002	8.002	*19.006*	-	-	-	*0*	-	-	1	*1*	7	6.001	5	*18.001*	-	-	-	*0*	**38.007**
MIT	28.006	12	6.003	*46.009*	-	1	1	*2*	-	-	-	*0*	6	1	-	*7*	-	-	-	*0*	**55.009**
Pennsylvania St	8.001	7	4.002	*19.003*	-	-	-	*0*	-	-	-	*0*	4.001	5.001	3	*12.002*	-	-	-	*0*	**31.005**
UT Austin	22.002	5.001	8.001	*35.004*	-	-	-	*0*	-	-	-	*0*	7.001	2	2.001	*11.002*	-	-	-	*0*	**46.006**
MD College Park	22.003	8	7.001	*37.004*	-	-	-	*0*	-	-	-	*0*	6	2	4.001	*12.001*	-	-	-	*0*	**49.005**
Cornell	15.002	6	7	*28.002*	-	-	-	*0*	-	-	-	*0*	-	1.001	1.001	*2.002*	-	-	-	*0*	**30.004**
Ohio St	1	8	4.001	*13.001*	-	-	-	*0*	-	-	-	*0*	9	5	5.001	*19.001*	-	-	-	*0*	**32.002**
Stanford	18.002	8	9	*35.002*	-	-	-	*0*	1	-	-	*1*	2.001	1	2	*5.001*	-	-	-	*0*	**41.003**
Hawaii Manoa	7.002	4.001	6.004	*17.007*	-	-	-	*0*	-	-	1.001	*1.001*	4.001	1	2.002	*7.003*	-	-	-	*0*	**25.011**
Oregon Health&Sci*	4	1	7.001	*12.001*	-	-	-	*0*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**14.002**
Utah	15.001	5.001	5	*25.002*	-	-	-	*0*	-	1	1.001	*2.001*	1	-	3	*4*	-	-	-	*0*	**31.003**
Purdue	17.002	5.001	7.003	*29.006*	-	-	-	*0*	-	-	1	*1*	5	4	5	*14*	-	-	-	*0*	**44.006**
UCLA	18.002	2	6	*26.002*	-	-	-	*0*	1	-	-	*1*	4.001	2	2	*8.001*	-	-	-	*0*	**35.003**
Massachusetts Amherst	16.003	10.001	6	*32.004*	-	-	-	*0*	-	-	-	*0*	1	3	5.001	*9.001*	-	-	-	*0*	**41.005**
Naval Postgrad School	4.001	7	6	*17.001*	-	-	-	*0*	-	-	-	*0*	2.001	2	-	*4.001*	-	-	-	*0*	**21.002**
Virginia Tech	6	12.001	3	*21.001*	-	-	-	*0*	-	1	-	*1*	2	2.001	3.002	*7.003*	-	-	-	*0*	**29.004**
Minnesota	9.001	6.001	6	*21.002*	-	-	-	*0*	-	-	-	*0*	9	1	8.001	*18.001*	-	-	-	*0*	**39.003**
Wisconsin Madison	17.002	4.002	5	*26.004*	-	-	-	*0*	1	-	-	*1*	3	1	6.001	*10.001*	-	-	-	*0*	**37.005**
Tennessee	10	4.001	1	*15.001*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**16.001**
Alaska Fairbanks	2.001	4	1	*7.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**7.001**
Indiana	18	7.001	3.002	*28.003*	-	1	1.001	*2.001*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**32.005**
UC Irvine	26.010	7.003	7.001	*40.014*	-	1	-	*1*	1	1.001	-	*2.001*	4	1.001	7.003	*12.004*	-	-	-	*0*	**55.019**
California Inst Tech**	7	2	2	*11*	-	-	-	*0*	-	-	-	*0*	4.001	-	-	*4.001*	-	-	-	*0*	**15.001**
UC Santa Barbara	9.001	4.001	5.001	*18.003*	-	-	-	*0*	1	-	-	*1*	8	-	2.001	*10.001*	-	-	-	*0*	**29.004**
Mississippi St	5.004	5	3	*13.004*	-	-	-	*0*	-	-	-	*0*	1	-	4	*5*	-	-	-	*0*	**18.004**
Michigan**	23.002	11	8.002	*42.004*	-	-	-	*0*	-	-	-	*0*	5	4.001	3.001	*12.002*	-	-	-	*0*	**54.006**
Columbia New York	19.003	4	5.001	*28.004*	-	-	-	*0*	-	1	-	*1*	1	3	-	*4*	-	-	-	*0*	**33.004**
Rice	8.002	4	4	*16.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.002**
SUNY Buffalo	3	4	2	*9*	-	-	-	*0*	-	1	-	*1*	6.001	5.001	2	*13.002*	-	-	-	*0*	**23.002**
NC Chapel Hill	13	3	-	*16*	-	-	-	*0*	1	-	-	*1*	4.001	2.001	2.001	*8.003*	-	-	-	*0*	**25.003**
Chicago	13	2.001	3.001	*18.002*	-	-	-	*0*	-	-	1	*1*	2	-	-	*2*	-	-	-	*0*	**21.002**
Alabama Huntsville	3.001	4.001	3.001	*10.003*	-	-	-	*0*	-	-	-	*0*	1	1	1	*3*	-	-	-	*0*	**13.003**
Rutgers	19.001	12	3.001	*34.002*	-	-	-	*0*	2	1	1	*4*	-	-	1	*1*	-	-	-	*0*	**39.002**
Princeton	14.002	4.001	6.001	*24.004*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**25.004**
Illinois Chicago	4	18.003	1.001	*23.004*	-	-	-	*0*	-	-	-	*0*	4	-	1	*5*	-	-	-	*0*	**28.004**
Pennsylvania	10.001	3	8.002	*21.003*	-	1	-	*1*	-	-	-	*0*	5	-	3	*8*	-	-	-	*0*	**30.003**
Florida St	7.001	4	-	*11.001*	-	-	-	*0*	-	-	1	*1*	1	2	4	*7*	-	-	-	*0*	**19.001**
New York**	8.001	5	4	*17.001*	-	-	-	*0*	1	-	-	*1*	4	-	2.001	*6.001*	-	-	-	*0*	**24.002**
Colorado	13.002	7.001	5.003	*25.006*	1	-	-	*1*	-	-	-	*0*	-	2	1	*3*	-	-	-	*0*	**29.006**
Virginia**	10.002	6	6.001	*22.003*	-	-	-	*0*	-	-	-	*0*	1	1.001	2	*4.001*	-	-	-	*0*	**26.004**
Texas A&M	13.002	5	6.001	*24.003*	1.001	-	2.001	*3.002*	-	-	-	*0*	3	3	7.001	*13.001*	-	-	-	*0*	**40.006**
Brown	15.001	2	6.002	*23.003*	-	-	1	*1*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**25.003**
Nebraska	6	4.001	2.001	*12.002*	-	-	-	*0*	-	1	-	*1*	3	2	5.001	*10.001*	-	-	-	*0*	**23.003**
SUNY Stony Brook**	5	3.001	8.002	*16.003*	-	-	-	*0*	-	-	-	*0*	8	5.001	4.001	*17.002*	-	-	-	*0*	**33.005**
Syracuse	3	2.001	-	*5.001*	-	-	-	*0*	1	-	-	*1*	2	1	1	*4*	-	-	-	*0*	**10.001**
Computer Science Total	597.077	292.031	247.047	*1136.155*	2.001	4	5.002	*11.003*	13	7.001	7.002	*27.003*	161.011	77.011	126.024	*364.046*	0	0	0	*0*	**1538.207**
Percent within race	53%	26%	22%	*100%*	18%	36%	45%	*100%*	48%	26%	26%	*100%*	44%	21%	35%	*100%*	0%	0%	0%	*0%*	
Percent of grand total	38.8%	19.0%	16.1%	*73.9%*	0.1%	0.3%	0.3%	*0.7%*	0.8%	0.5%	0.5%	*1.8%*	10.5%	5.0%	8.2%	*23.7%*	0%	0%	0%	*0%*	**100%**
Females in column	12.9%	10.6%	19.0%	13.6%	50.0%	0%	40.0%	27.3%	0%	14.3%	28.6%	11.1%	6.8%	14.3%	19.0%	12.6%	0%	0%	0%	0%	13.5%

*By computer science research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 3-B. Tenured/Tenure Track Faculty at Computer Science Departments No. 51 - 100 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Iowa St	5.001	4	-	*9.001*	-	-	-	*0*	1	-	-	*1*	3	7.001	6.002	*16.003*	-	-	-	*0*	**26.004**
Arizona	3	4	2	*9*	-	-	-	*0*	-	-	-	*0*	2	1	2.001	*5.001*	-	-	-	*0*	**14.001**
Washington St. Louis	6.001	5	8.001	*19.002*	-	-	-	*0*	-	-	-	*0*	1	2	3	*6*	-	-	-	*0*	**25.002**
Yale	16.004	1	-	*17.004*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**19.004**
Arizona St	8.001	1	7.001	*16.002*	-	-	-	*0*	-	1.001	-	*1.001*	8	6	11.001	*25.001*	-	-	-	*0*	**42.004**
Wright St	5	1	1	*7*	-	-	-	*0*	-	-	-	*0*	4	3	2	*9*	-	-	-	*0*	**16**
Louisiana Lafayette**	2	3.001	2	*7.001*	-	-	-	*0*	-	-	-	*0*	3	2	1	*6*	-	-	-	*0*	**13.001**
Maryland Baltimore County	8.001	3.001	1	*12.002*	-	-	-	*0*	-	-	-	*0*	4	2	-	*6*	-	-	-	*0*	**18.002**
Duke	6.001	5	4	*15.001*	-	-	-	*0*	-	-	-	*0*	1	2.001	2	*5.001*	-	-	-	*0*	**20.002**
Houston**	6	4.001	4.001	*14.002*	-	-	-	*0*	-	-	1	*1*	5	3	4.001	*12.001*	-	-	-	*0*	**27.003**
George Mason	4	7.002	1	*12.002*	-	-	-	*0*	1	-	-	*1*	1	3.001	3.001	*7.002*	-	-	-	*0*	**20.004**
North Carolina St	12.001	12.001	5.001	*29.003*	-	-	-	*0*	-	1.001	-	*1.001*	2	2.002	6.001	*10.003*	-	-	-	*0*	**40.007**
Michigan St	5.001	5	1	*11.001*	-	-	-	*0*	-	-	-	*0*	4.001	3	5.002	*12.003*	-	-	-	*0*	**23.004**
Rockefeller**	9	1	-	*10*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**11**
Stevens Inst of Tech	3.001	6.001	2.002	*11.004*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**12.005**
Dartmouth**	7.001	3.001	4	*14.002*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**16.002**
Kentucky	9.001	5	3.001	*17.002*	-	-	-	*0*	-	-	-	*0*	2	2	1	*5*	-	-	-	*0*	**22.002**
West Florida	3	3	5.003	*11.003*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**12.004**
New Jersey Tech	6	7	3	*16*	-	1	-	*1*	-	-	-	*0*	3	4	2.001	*9.001*	-	-	-	*0*	**26.001**
SUNY Albany**	3	6.001	1	*10.001*	-	-	-	*0*	-	-	-	*0*	2	1.001	-	*3.001*	-	-	-	*0*	**13.002**
Florida Int**	4.001	3	3	*10.001*	-	-	-	*0*	-	-	-	*0*	4	4	2	*10*	-	-	-	*0*	**20.001**
US Air Force Academy	3	6	4	*13*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**13**
Oregon	9.003	4	1	*14.003*	-	-	-	*0*	-	-	-	*0*	-	1.001	2	*3.001*	-	-	-	*0*	**17.004**
Tulsa	3.001	-	-	*3.001*	-	-	-	*0*	1	-	1	*2*	2	-	-	*2*	-	1	-	*1*	**8.001**
UC Davis	13	4.001	4.001	*21.002*	-	-	-	*0*	-	-	-	*0*	8	2	3.001	*13.001*	-	-	-	*0*	**34.003**
Rochester	6	2	2	*10*	-	-	-	*0*	-	-	-	*0*	3.001	1	1	*5.001*	-	-	-	*0*	**15.001**
Northwestern	9.001	5	2	*16.001*	-	-	-	*0*	-	-	-	*0*	3	-	4.001	*7.001*	-	-	-	*0*	**23.002**
New Mexico	4.001	4	3	*11.001*	-	-	1.001	*1.001*	1	-	-	*1*	1	-	1	*2*	-	-	-	*0*	**15.002**
North Carolina Charlotte	6	5.002	7.002	*18.004*	-	-	2.001	*2.001*	-	-	-	*0*	2.001	1	7.002	*10.003*	-	-	-	*0*	**30.008**
Florida	7	4.001	4	*15.001*	-	-	-	*0*	-	1	-	*1*	4	3.001	-	*7.001*	-	-	-	*0*	**23.002**
Pittsburgh	8.001	2.001	4.001	*14.003*	-	-	-	*0*	1	-	-	*1*	1	-	3	*4*	-	-	-	*0*	**19.003**
Jackson State**	-	-	1	*1*	1.001	2	3	*6.001*	-	-	-	*0*	-	-	6.001	*6.001*	-	-	-	*0*	**13.002**
Louisiana St**	4.001	1.001	4.001	*9.003*	-	-	-	*0*	-	-	-	*0*	2	2	3	*7*	-	-	-	*0*	**16.003**
UT Dallas	4	8.002	4.001	*16.003*	-	-	-	*0*	-	-	1	*1*	10.001	10.001	7.002	*27.004*	-	-	-	*0*	**44.007**
Kansas St	3	4.001	-	*7.001*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**9.001**
UC Riverside**	10	4	4.001	*18.001*	-	-	-	*0*	-	-	-	*0*	3	1	1	*5*	-	-	-	*0*	**23.001**
Georgia**	3	5.001	3.002	*11.003*	-	-	-	*0*	-	-	-	*0*	5	1	4	*10*	-	-	-	*0*	**21.003**
Connecticut	5	3	3	*11*	-	-	-	*0*	-	-	-	*0*	2	-	6.004	*8.004*	-	-	-	*0*	**19.004**
George Washington**	8.002	-	3.002	*11.004*	-	-	-	*0*	-	-	-	*0*	4.001	3	1.001	*8.002*	-	-	-	*0*	**19.006**
Boston	6	6.001	3	*15.001*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**17.001**
Alabama	3	4.001	2	*9.001*	-	-	-	*0*	-	-	-	*0*	-	1	2.001	*3.001*	-	-	-	*0*	**12.002**
New Mexico St	1	2	3.001	*6.001*	-	-	-	*0*	-	-	-	*0*	1	2	3.001	*6.001*	-	-	-	*0*	**12.002**
James Madison	5	6.001	2	*13.001*	-	-	-	*0*	1	1	-	*2*	-	-	1	*1*	-	-	-	*0*	**16.001**
UC Berkeley	29.002	8	4	*41.002*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**42.002**
Oregon St	4	2	4.004	*10.004*	-	-	1	*1*	-	-	-	*0*	1	2	3.001	*6.001*	-	-	-	*0*	**17.005**
Notre Dame	3	1	4	*8*	-	-	-	*0*	-	1	-	*1*	1	1.001	3	*5.001*	-	-	-	*0*	**14.001**
North Dakota State	2	2	2.001	*6.001*	-	-	-	*0*	1	-	-	*1*	2	1	4	*7*	-	-	-	*0*	**14.001**
UC Santa Cruz	9	3	3	*15*	-	-	-	*0*	1	1	-	*2*	2	-	1.001	*3.001*	-	-	-	*0*	**20.001**
Florida Tech**	4.001	5	2.001	*11.002*	-	-	-	*0*	-	-	2	*2*	-	2	1	*3*	-	-	-	*0*	**16.002**
Wayne State	4	5.001	2	*11.001*	-	-	-	*0*	-	-	-	*0*	-	1	5	*6*	-	-	-	*0*	**17.001**
Computer Science Total	305.028	194.023	141.028	*640.079*	1.001	4	7.002	*12.003*	8	6.002	5	*19.002*	109.005	86.010	126.028	*321.043*	0	1	0	*1*	**993.127**
Percent within race	48%	30%	22%	*100%*	8%	33%	58%	*100%*	42%	32%	26%	*100%*	34%	27%	39%	*100%*	0%	100%	0%	*100%*	
Percent of grand total	30.7%	19.5%	14.2%	*64.5%*	0.1%	0.4%	0.7%	*1.2%*	0.8%	0.6%	0.5%	*1.9%*	11.0%	8.7%	12.7%	*32.3%*	0%	0.1%	0%	*0.1%*	**100%**
Females in column	9.2%	11.9%	19.9%	12.3%	100%	0%	28.6%	25.0%	0%	33.3%	0%	10.5%	4.6%	11.6%	22.2%	13.4%	0%	0%	0%	0%	12.8%

*By computer science research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 4. Tenured/Tenure Track Faculty at the Top 40 Astronomy Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Arizona	16.003	8.001	1	*25.004*	-	-	-	*0*	1	-	-	*1*	-	1	1	*2*	-	-	-	*0*	**28.004**
Johns Hopkins	14.001	-	-	*14.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.001**
UC Santa Cruz	17.003	2	1.001	*20.004*	-	-	-	*0*	-	-	1	*1*	3	-	-	*3*	-	-	-	*0*	**24.004**
Chicago	26	6.001	2	*34.001*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**35.002**
Cornell	20.001	2	3.001	*25.002*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**26.002**
Colorado	14.001	4.001	4.001	*22.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**22.003**
Hawaii Manoa	24.004	3	2	*29.004*	-	-	-	*0*	-	-	-	*0*	2.001	1	1	*4.001*	-	-	-	*0*	**33.005**
MIT	13.002	3	5	*21.002*	-	-	-	*0*	-	-	1	*1*	-	1	-	*1*	-	-	-	*0*	**23.002**
UT Austin	14.001	1.001	2	*17.002*	-	-	-	*0*	-	-	-	*0*	1.001	-	2.001	*3.002*	-	-	-	*0*	**20.004**
Penn State	10.001	2	2	*14.001*	1.001	-	-	*1.001*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**16.002**
Maryland College Park	9.001	5	1	*15.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.001**
UC Berkeley	11.001	1	2	*14.001*	1	-	-	*1*	-	-	-	*0*	1.001	1	-	*2.001*	-	-	-	*0*	**17.002**
Massachusetts Amherst	9.002	4.002	2	*15.004*	-	-	-	*0*	-	-	-	*0*	-	3	1	*4*	-	-	-	*0*	**19.004**
CA Institute of Tech.	11.003	-	2.001	*13.004*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**15.004**
Wisconsin	5.002	3.001	3.001	*11.004*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.004**
Columbia New York	9.002	4.002	7.002	*20.006*	-	-	-	*0*	-	-	-	*0*	-	2.001	-	*2.001*	-	-	-	*0*	**22.007**
UC San Diego	9.002	-	3	*12.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**13.002**
Princeton	14.002	-	2.001	*16.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.003**
Illinois Urbana-Champaign	5	4	3	*12*	-	-	-	*0*	-	-	-	*0*	1.001	-	1	*2.001*	-	-	-	*0*	**14.001**
Ohio St	9.001	3.001	3.001	*15.003*	-	-	-	*0*	-	-	-	*0*	1	1.001	-	*2.001*	-	-	-	*0*	**17.004**
Harvard	14.001	1	2	*17.001*	-	-	-	*0*	1	-	-	*1*	1	-	1.001	*2.001*	-	-	-	*0*	**20.002**
Washington	8.002	1.001	2	*11.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**11.003**
Florida	9.001	4.001	1	*14.002*	-	-	-	*0*	-	-	1	*1*	1	-	-	*1*	-	-	-	*0*	**16.002**
SUNY Stony Brook	7	-	1	*8*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9**
Minnesota	8.001	-	-	*8.001*	1	-	-	*1*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**10.002**
Virginia	9	1	2.001	*12.001*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**14.001**
Michigan	5	-	8.004	*13.004*	-	-	-	*0*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	-	*0*	**14.005**
Pittsburgh	4.001	2	-	*6.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**6.001**
Rochester	7.001	1.001	-	*8.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.002**
Iowa	2	2	1.001	*5.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**5.001**
New Mexico St	4	2	2.001	*8.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.001**
Yale	7	1	-	*8*	-	-	-	*0*	-	-	-	*0*	1.001	1.001	-	*2.002*	-	-	-	*0*	**10.002**
Indiana	5.002	1	1.001	*7.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**7.003**
Boston	11	3.001	1.001	*15.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**16.002**
Arizona St	4	1	1	*6*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**7.001**
Rice	1	2	4	*7*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**8**
Southern California	2	1.001	-	*3.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**3.001**
Case Western Reserve	3.001	-	1.001	*4.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**4.002**
Delaware	9	1	2	*12*	-	1.001	-	*1.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**14.001**
MS State	2	-	1.001	*3.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**3.001**
Astronomy Total	380.043	79.015	80.020	*539.078*	4.001	2.001	0	*6.002*	4.001	0	3	*7.001*	18.005	16.005	8.003	*42.013*	0	0	0	*0*	**594.094**
Percent within race	70%	15%	15%	*100%*	67%	33%	0%	*100%*	57%	0%	43%	*100%*	43%	38%	19%	*100%*	0%	0%	0%	*0%*	
Percent of grand total	64.0%	13.3%	13.5%	*90.7%*	0.7%	0.3%	0%	*1.0%*	0.7%	0%	0.5%	*1.2%*	3.0%	2.7%	1.3%	*7.1%*	0%	0%	0%	*0%*	**100%**
Females in column	11.3%	19.0%	25.0%	14.5%	25.0%	50.0%	0%	33.3%	25.0%	0%	0%	14.3%	27.8%	31.2%	37.5%	31.0%	0%	0%	0%	0%	15.8%

*By astronomy research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females.

Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 5. Tenured/Tenure Track Faculty at the Top 50 Physics Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
California Inst Tech	49.003	6.001	6.001	*61.005*	-	-	-	*0*	-	-	-	*0*	5.002	1	-	*6.002*	-	-	-	*0*	**67.007**
UC Berkeley	30.003	9.002	6.001	*45.006*	-	-	-	*0*	1	-	-	*1*	9	1	3	*13*	-	-	-	*0*	**59.006**
MIT	37.003	13	18.002	*68.005*	-	-	-	*0*	1	-	-	*1*	4	1	2	*7*	-	-	-	*0*	**76.005**
Johns Hopkins	11.001	-	7.001	*18.002*	-	-	-	*0*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**21.002**
Cornell	28.001	4	7.001	*39.002*	-	-	-	*0*	1	-	-	*1*	4	1.001	-	*5.001*	-	-	-	*0*	**45.003**
Michigan St	39.001	6.001	9.002	*54.004*	-	-	-	*0*	-	-	1.001	*1.001*	4	-	1	*5*	-	-	-	*0*	**60.005**
UT Austin	40.001	3.001	4.001	*47.003*	-	-	-	*0*	1	-	-	*1*	5	1	3.001	*9.001*	-	-	-	*0*	**57.004**
UCLA	44.004	5	8.001	*57.005*	-	-	-	*0*	-	-	-	*0*	4	-	1	*5*	-	-	-	*0*	**62.005**
Florida St	19	5.002	11.001	*35.003*	2	-	-	*2*	1	-	1.001	*2.001*	1	5	-	*6*	-	-	-	*0*	**45.004**
MD College Park	45.003	5.001	7.002	*57.006*	1	-	-	*1*	1	-	1	*2*	13	1.001	2.001	*16.002*	-	-	-	*0*	**76.008**
Indiana	26.001	4	10.002	*40.003*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**41.003**
Pennsylvania St	21.002	3	9.003	*33.005*	-	-	1	*1*	1	1	-	*2*	8.001	-	3.001	*11.002*	-	-	-	*0*	**47.007**
Central Florida**	13	7	10.001	*30.001*	-	-	-	*0*	-	-	1	*1*	5.002	1	2	*8.002*	-	-	-	*0*	**39.003**
Illinois Urb-Cham	39.001	10.004	9.001	*58.006*	1	-	1.001	*2.001*	-	-	-	*0*	4	1	-	*5*	-	-	-	*0*	**65.007**
Wisconsin Madison	33.004	2	10.002	*45.006*	-	-	-	*0*	-	-	-	*0*	3.001	3	2	*8.001*	-	-	-	*0*	**53.007**
Colorado	26.003	5	8.002	*39.005*	-	-	-	*0*	-	-	-	*0*	3	1	-	*4*	-	-	-	*0*	**43.005**
UC San Diego	27.001	1	3	*31.001*	-	-	-	*0*	3	-	-	*3*	3	-	-	*3*	-	-	-	*0*	**37.001**
Florida	28	8	5.002	*41.002*	-	-	-	*0*	-	1	-	*1*	3.001	1	3	*7.001*	-	-	-	*0*	**49.003**
SUNY Stony Brook	38.001	4.001	5	*47.002*	-	-	-	*0*	1	1.001	-	*2.001*	2	-	1	*3*	-	-	-	*0*	**52.003**
Mississippi	5	3	4	*12*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12**
Michigan	25.003	8	6	*39.003*	1	-	1	*2*	1	-	1	*2*	2.001	1	1	*4.001*	-	-	-	*0*	**47.004**
Rutgers	40.004	5	7.001	*52.005*	-	-	-	*0*	1	-	-	*1*	5.001	2	-	*7.001*	-	-	-	*0*	**60.006**
Pennsylvania	20.001	3	4.004	*27.005*	1	-	-	*1*	-	-	1	*1*	2.001	3	2	*7.001*	-	-	-	*0*	**36.006**
Texas A&M	38.003	5	5.001	*48.004*	-	-	-	*0*	-	-	1	*1*	4	2	1	*7*	-	-	-	*0*	**56.004**
Harvard**	43.005	-	5.001	*48.006*	-	-	1	*1*	-	-	-	*0*	2	2.001	-	*4.001*	-	-	-	*0*	**53.007**
Princeton	24.002	2	8.001	*34.003*	-	-	-	*0*	-	-	-	*0*	2	-	2	*4*	-	-	-	*0*	**38.003**
Ohio St	34	6	7.001	*47.001*	-	-	-	*0*	-	-	-	*0*	9.002	1	2	*12.002*	-	-	-	*0*	**59.003**
Washington	34.003	6.001	3	*43.004*	-	-	-	*0*	1	-	-	*1*	-	1	-	*1*	-	-	-	*0*	**45.004**
North Carolina St	22.002	9.002	5.002	*36.006*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	-	*0*	**37.007**
UC Santa Barbara	35.002	5.002	3	*43.004*	-	-	-	*0*	-	-	1	*1*	-	-	1	*1*	-	-	-	*0*	**45.004**
Duke	11	4.001	6.001	*21.002*	1	-	-	*1*	-	-	-	*0*	3	3.001	2.001	*8.002*	-	-	-	*0*	**30.004**
Minnesota	26.002	8	6	*40.002*	-	-	-	*0*	1	-	-	*1*	2	1	-	*3*	-	-	-	*0*	**44.002**
Chicago	24.001	-	5.001	*29.002*	-	-	-	*0*	-	-	1	*1*	3.001	1	2.001	*6.002*	-	-	-	*0*	**36.004**
Stanford	22.003	3.002	3.001	*28.006*	-	-	-	*0*	1	-	-	*1*	3	-	1	*4*	-	-	-	*0*	**33.006**
UC Irvine	19.001	7.001	12.002	*38.004*	-	-	-	*0*	-	-	-	*0*	5.001	1	-	*6.001*	-	-	-	*0*	**44.005**
Yale	22.001	2.001	9.002	*33.004*	1	1	-	*2*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**36.004**
Northeastern	11	4	5.002	*20.002*	-	-	-	*0*	-	-	-	*0*	4	1	-	*5*	-	1	-	*1*	**26.002**
Georgia Tech	15	6	7.002	*28.002*	-	-	-	*0*	-	-	-	*0*	2.001	-	2	*4.001*	-	-	-	*0*	**32.003**
Iowa	18.001	1	4	*23.001*	1	-	-	*1*	-	-	-	*0*	1.001	-	-	*1.001*	-	-	-	*0*	**25.002**
Tennessee	24.001	1	5.001	*30.002*	-	-	-	*0*	3.001	-	-	*3.001*	3	-	-	*3*	-	-	-	*0*	**36.003**
Montana St Bozeman	8	5.001	1	*14.001*	-	-	-	*0*	-	-	-	*0*	1.001	-	1.001	*2.002*	-	-	-	*0*	**16.003**
Wayne State	12.001	6	2	*20.001*	-	-	-	*0*	-	-	-	*0*	5.001	1	2	*8.001*	-	-	-	*0*	**28.002**
Illinois Inst Tech	9	3	2.001	*14.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.001**
UC Santa Cruz	13.001	2	1	*16.001*	-	-	-	*0*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**19.001**
Vanderbilt	19.001	4	4.001	*27.002*	-	-	1	*1*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**29.002**
Kansas St	12	1	6.001	*19.001*	-	-	-	*0*	-	-	-	*0*	7.002	2	-	*9.002*	-	-	-	*0*	**28.003**
Nebraska	12	5.001	4	*21.001*	-	-	-	*0*	-	-	1	*1*	2	1.001	-	*3.001*	-	-	-	*0*	**25.002**
Notre Dame	25.004	5	6.001	*36.005*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**37.005**
Washington St	7	4.002	2	*13.002*	-	-	-	*0*	-	-	-	*0*	2	1	-	*3*	-	-	-	*0*	**16.002**
Brown	11	6.001	5.002	*22.003*	-	-	-	*0*	-	-	-	*0*	2	1	1	*4*	-	-	-	*0*	**26.003**
Physics Total	1233.075	229.028	304.055	*1766.158*	9	1	5.001	*15.001*	20.001	4.002	11.002	*35.005*	157.020	43.005	45.006	*245.031*	0	1	0	*1*	**2062.195**
Percent within race	70%	13%	17%	*100%*	60%	7%	33%	*100%*	57%	11%	31%	*100%*	64%	18%	18%	*100%*	0%	100%	0%	*100%*	
Percent of grand total	59.8%	11.1%	14.7%	*85.6%*	0.4%	0.0%	0.2%	*0.7%*	1.0%	0.2%	0.5%	*1.7%*	7.6%	2.1%	2.2%	*11.9%*	0%	0.0%	0%	*0.0%*	**100%**
Females in column	6.1%	12.2%	18.1%	8.9%	0%	0%	20.0%	6.7%	5.0%	50.0%	18.2%	14.3%	12.7%	11.6%	13.3%	12.7%	0%	0%	0%	0%	9.5%

*By physics research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 5-B. Tenured/Tenure Track Faculty at Physics Departments No. 51 - 100 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
New Jersey Inst Tech	6	2	4.001	*12.001*	1	-	-	*1*	-	-	-	*0*	3	-	2	*5*	-	-	-	*0*	**18.001**
Northwestern	15.001	3.001	2	*20.002*	-	-	-	*0*	-	1.001	-	*1.001*	5	1.001	-	*6.001*	-	-	-	*0*	**27.004**
Rice	17.002	4	4	*25.002*	-	-	-	*0*	-	-	-	*0*	3	-	2.001	*5.001*	-	-	-	*0*	**30.003**
Louisiana St	20	6	5.001	*31.001*	-	-	-	*0*	2	2.001	1	*5.001*	2	-	1	*3*	1	-	-	*1*	**40.002**
Illinois Chicago	9	7.001	4.001	*20.002*	-	-	-	*0*	1	-	-	*1*	2	1.001	-	*3.001*	-	-	-	*0*	**24.003**
Purdue	29.002	4.001	11.001	*44.004*	-	-	-	*0*	-	1	-	*1*	3	2	1	*6*	-	-	-	*0*	**51.004**
Nevada Reno	5	4.001	1	*10.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**11.001**
Rochester	44.003	4.002	3	*51.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**51.005**
Boston	21	4	4	*29*	-	-	-	*0*	1	1	-	*2*	3.002	3.002	-	*6.004*	-	-	-	*0*	**37.004**
Washington St Louis	18	1	3	*22*	-	-	-	*0*	-	-	-	*0*	2	-	2.001	*4.001*	-	-	-	*0*	**26.001**
Carnegie Mellon	23.001	5.001	-	*28.002*	-	-	1.001	*1.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**30.003**
Virginia	16	6.001	5	*27.001*	-	-	-	*0*	-	-	-	*0*	2	2	2.001	*6.001*	-	-	-	*0*	**33.002**
Pittsburgh	10	10.001	1	*21.001*	-	-	-	*0*	-	-	-	*0*	1	1.001	1	*3.001*	-	-	-	*0*	**24.002**
CUNY City College	14.002	2	2	*18.002*	-	-	-	*0*	-	1	1	*2*	4	2	1	*7*	-	-	-	*0*	**27.002**
Columbia	19.002	6.001	3	*28.003*	-	-	-	*0*	-	-	-	*0*	1	2	-	*3*	-	-	-	*0*	**31.003**
MA Lowell	10	2	1	*13*	-	-	-	*0*	-	-	-	*0*	4	1	1	*6*	-	-	-	*0*	**19**
Utah	16	5	6	*27*	-	-	-	*0*	-	-	1	*1*	2	-	-	*2*	-	-	-	*0*	**30**
NC Chapel Hill	16.002	2	4.001	*22.003*	-	-	-	*0*	-	-	1	*1*	5	1	-	*6*	-	-	-	*0*	**29.003**
Oklahoma	14.001	9.002	2	*25.003*	-	-	-	*0*	1	-	-	*1*	1	2.001	-	*3.001*	-	-	-	*0*	**29.004**
Colorado School Mines	7	3	2	*12*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**13**
Hawaii Manoa	10	2	2	*14*	-	-	-	*0*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**17**
Northern Illinois	8.003	6	3	*17.003*	-	1	-	*1*	-	-	-	*0*	-	2	1	*3*	-	-	-	*0*	**21.003**
MA Amherst	14.001	4	5	*23.001*	-	-	-	*0*	-	-	-	*0*	3	1	-	*4*	-	-	-	*0*	**27.001**
UC Davis	25	6.002	3.001	*34.003*	-	-	-	*0*	-	-	1	*1*	7.002	1	1	*9.002*	-	-	-	*0*	**44.005**
Fisk	2	-	-	*2*	1	1	-	*2*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**5**
Catholic America	5	2	1	*8*	-	-	-	*0*	-	-	-	*0*	-	2	-	*2*	-	-	-	*0*	**10**
Alabama Huntsville	7	1	3	*11*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**13**
Clemson	12	4.001	7.002	*23.003*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**25.003**
SUNY Buffalo	7	1.001	8.002	*16.003*	-	-	-	*0*	1	-	-	*1*	7	-	5	*12*	-	-	-	*0*	**29.003**
Col of William&Mary	18.001	3.001	7.001	*28.003*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**29.003**
Arizona	13.001	5	7.001	*25.002*	-	-	-	*0*	-	-	-	*0*	3	2	2.001	*7.001*	-	-	-	*0*	**32.003**
Arizona St	21	7.002	4.002	*32.004*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**34.004**
New Mexico	18.001	3.001	7.001	*28.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**28.003**
Ohio	9.001	5	7.001	*21.002*	-	-	-	*0*	1	-	2.001	*3.001*	1	1	-	*2*	-	-	-	*0*	**26.003**
Idaho St	5	4.001	3.001	*12.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.002**
Florida International	7	8.002	1	*16.002*	-	-	-	*0*	-	-	-	*0*	1	-	3	*4*	-	-	-	*0*	**20.002**
Georgia	8	5	3.002	*16.002*	-	-	-	*0*	-	-	-	*0*	2	2	3	*7*	-	-	-	*0*	**23.002**
Mississippi St	2	-	1.001	*3.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**3.001**
Lehigh	11	4	2	*17*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**19**
Arkansas	7	2.001	2	*11.001*	-	-	-	*0*	-	-	-	*0*	5.001	-	2.001	*7.002*	-	-	-	*0*	**18.003**
Case Western	16.001	1	-	*17.001*	-	-	-	*0*	-	-	-	*0*	1	1	1.001	*3.001*	-	-	-	*0*	**20.002**
Kentucky	16	2.001	2.001	*20.002*	-	-	-	*0*	-	-	-	*0*	5	1	-	*6*	-	-	-	*0*	**26.002**
Iowa St	20.001	6.001	7	*33.002*	-	-	-	*0*	1	-	1	*2*	2	-	1	*3*	-	-	-	*0*	**38.002**
South Carolina	12	5	3.001	*20.001*	-	-	-	*0*	-	-	-	*0*	5	1.001	-	*6.001*	-	-	-	*0*	**26.002**
Oregon	16	6	4.001	*26.001*	-	-	-	*0*	-	-	-	*0*	4	-	1	*5*	-	-	-	*0*	**31.001**
Toledo	13.002	2	2	*17.002*	-	-	-	*0*	-	1.001	-	*1.001*	1	2	1	*4*	-	-	-	*0*	**22.003**
Oklahoma St	12.001	2	3	*17.001*	-	-	-	*0*	-	-	1	*1*	5.001	-	2.002	*7.003*	-	-	-	*0*	**25.004**
Connecticut	19.001	7	2.001	*28.002*	1	-	-	*1*	-	-	-	*0*	3	1	1	*5*	-	-	-	*0*	**34.002**
Kansas	11.001	4	4	*19.001*	-	-	-	*0*	-	-	-	*0*	2.001	-	-	*2.001*	-	-	-	*0*	**21.002**
Naval Postgrad School	6.001	6	-	*12.001*	-	-	-	*0*	-	1	-	*1*	1	1	-	*2*	-	-	-	*0*	**15.001**
Physics Total	679.032	202.026	170.024	*1051.082*	3	2	1.001	*6.001*	9	8.003	9.001	*26.004*	112.007	39.007	38.008	*189.022*	1	0	0	*1*	**1273.109**
Percent within race	65%	19%	16%	*100%*	50%	33%	17%	*100%*	35%	31%	35%	*100%*	59%	21%	20%	*100%*	100%	0%	0%	*100%*	
Percent of grand total	53.3%	15.9%	13.4%	*82.6%*	0.2%	0.2%	0.1%	*0.5%*	0.7%	0.6%	0.7%	*2.0%*	8.8%	3.1%	3.0%	*14.8%*	0.1%	0%	0%	*0.1%*	**100%**
Females in column	4.7%	12.9%	14.1%	7.8%	0%	0%	100%	16.7%	0%	37.5%	11.1%	15.4%	6.3%	17.9%	21.1%	11.6%	0%	0%	0%	0%	8.6%

*By physics research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 6. Tenured/Tenure Track Faculty at the Top 50 Chemical Engineering Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Purdue	11	3	2.001	*16.001*	1	-	-	*1*	1	-	-	*1*	6.001	1	1	*8.001*	-	-	-	*0*	**26.002**
Texas A&M	9	1	5.001	*15.001*	-	-	-	*0*	2.001	-	1	*3.001*	1	-	6.002	*7.002*	-	-	-	*0*	**25.004**
MIT	19.001	3	-	*22.001*	1.001	-	1.001	*2.002*	-	-	-	*0*	2	1	1	*4*	-	-	-	*0*	**28.003**
Pennsylvania St	8.001	3.001	3	*14.002*	-	-	-	*0*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**16.003**
North Carolina St	14.001	4.004	1	*19.005*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**20.006**
GA Tech**	17	6	3.001	*26.001*	-	-	-	*0*	-	-	-	*0*	5	2.001	2.001	*9.002*	-	-	-	*0*	**35.003**
Clemson	3	6	1	*10*	1	-	-	*1*	-	-	1	*1*	1	-	-	*1*	-	-	-	*0*	**13**
UT Austin	15	1	2.001	*18.001*	-	-	-	*0*	2	-	-	*2*	1	1	2.001	*4.001*	-	-	-	*0*	**24.002**
Johns Hopkins	4.001	2	4.002	*10.003*	-	-	-	*0*	1	-	1	*2*	-	-	2	*2*	-	-	-	*0*	**14.003**
Princeton	13.001	-	2	*15.001*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**17.001**
Minnesota	24.002	1	7.002	*32.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**32.004**
Stanford	6.001	-	1	*7.001*	-	-	-	*0*	-	-	1	*1*	1	1.001	2.001	*4.002*	-	-	-	*0*	**12.003**
Wisconsin	9.001	5	3	*17.001*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	**19.001**
Michigan	11.002	1	5.001	*17.003*	1	-	1.001	*2.001*	-	-	-	*0*	2	-	2.001	*4.001*	-	-	-	*0*	**23.005**
Delaware	12	2.002	3	*17.002*	1	-	1	*2*	1	-	-	*1*	2	-	1.001	*3.001*	-	-	-	*0*	**23.003**
Michigan St	12	4.002	3	*19.002*	-	2	-	*2*	-	-	-	*0*	-	2.001	1	*3.001*	1	-	-	*1*	**25.003**
Arizona St	3	3	3	*9*	-	1	-	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**11**
UC Davis	23.006	3.001	-	*26.007*	-	-	-	*0*	-	-	-	*0*	1	-	3.002	*4.002*	-	-	-	*0*	**30.009**
South Carolina	9	4	4.001	*17.001*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	**18.001**
Ohio St	10.002	-	1.001	*11.003*	-	1	-	*1*	-	-	-	*0*	4	-	1	*5*	-	-	-	*0*	**17.003**
Illinois Urb-Cham	9.001	1	3	*13.001*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**15.001**
UC Berkeley	12.002	2	1.001	*15.003*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**16.003**
Louisiana St	8.001	6.001	1	*15.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**16.002**
NM Inst. Mining&Tech	1	1	-	*2*	-	-	-	*0*	-	-	1.001	*1.001*	-	1	-	*1*	-	-	-	*0*	**4.001**
Cal Tech	9.003	1	1.001	*11.004*	1	-	-	*1*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**15.004**
UC Santa Barbara	14.001	-	2	*16.001*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**18.001**
Utah	6.001	5.001	2	*13.002*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	**14.002**
Mississippi St	4	3.001	4.003	*11.004*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**12.004**
Arizona	6.001	4	-	*10.001*	-	-	-	*0*	2	1.001	-	*3.001*	-	-	-	*0*	-	-	-	*0*	**13.002**
Houston**	10	4	2	*16*	-	-	-	*0*	1	-	-	*1*	5	2	-	*7*	-	-	-	*0*	**24**
West Virginia	4	2	2	*8*	-	-	-	*0*	-	-	-	*0*	4	-	-	*4*	-	-	-	*0*	**12**
Northwestern	9.002	2	2	*13.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**14.002**
Colorado	12.001	1.001	4.002	*17.004*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**19.004**
Ohio	4	3.001	-	*7.001*	-	-	-	*0*	-	1.001	-	*1.001*	-	2	-	*2*	-	-	-	*0*	**10.002**
Pittsburgh	9.001	3.001	3	*15.002*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**16.002**
Carnegie Mellon	13.001	3	2.001	*18.002*	-	-	-	*0*	1	-	-	*1*	1	-	1	*2*	-	-	-	*0*	**21.002**
Washington	7.001	3	-	*10.001*	1	-	-	*1*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	-	*0*	**13.002**
Kansas St	7.001	1	2.002	*10.003*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**11.003**
Nebraska	6.001	3	-	*9.001*	-	-	-	*0*	1	-	-	*1*	1	1.001	-	*2.001*	-	-	-	*0*	**12.002**
CO School of Mines	9.001	2	1	*12.001*	-	-	-	*0*	-	-	-	*0*	-	1.001	1	*2.001*	-	-	-	*0*	**14.002**
Cornell	7.001	2	4	*13.001*	1	-	-	*1*	-	1	-	*1*	-	1	1	*2*	-	-	-	*0*	**17.001**
VA Polytechnic	4	3.001	2	*9.001*	-	-	-	*0*	-	-	-	*0*	2	-	1.001	*3.001*	-	-	-	*0*	**12.002**
UC Los Angeles	9	-	1	*10*	-	-	-	*0*	-	-	1.001	*1.001*	3.001	-	1	*4.001*	-	-	-	*0*	**15.002**
Massachusetts Amherst	7	3.002	3	*13.002*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**14.002**
Florida	8.001	1	4	*13.001*	-	-	-	*0*	1	-	-	*1*	3	2	4	*9*	-	-	-	*0*	**23.001**
Connecticut	4	1	2	*7*	1	-	-	*1*	-	-	-	*0*	-	-	3	*3*	-	-	-	*0*	**11**
Rensselaer Polytechnic	8	-	1.001	*9.001*	-	-	1	*1*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**12.001**
New Jersey Tech	11	-	1	*12*	-	1	1	*2*	-	-	-	*0*	2	-	2	*4*	-	-	-	*0*	**18**
Pennsylvania	5	2	2	*9*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	**11**
Auburn	9.001	1	4	*14.001*	-	-	-	*0*	-	-	1.001	*1.001*	3	-	1.001	*4.001*	-	-	-	*0*	**19.003**
Chemical Eng Total	463.041	115.019	109.022	*687.082*	10.002	5	5.002	*20.004*	15.001	5.002	8.003	*28.006*	65.002	21.005	47.013	*133.020*	1	0	0	*1*	**869.112**
Percent within race	67%	17%	16%	*100%*	50%	25%	25%	*100%*	54%	18%	29%	*100%*	49%	16%	35%	*100%*	100%	0%	0%	*100%*	
Percent of grand total	53.3%	13.2%	12.5%	*79.1%*	1.2%	0.6%	0.6%	*2.3%*	1.7%	0.6%	0.9%	*3.2%*	7.5%	2.4%	5.4%	*15.3%*	0.1%	0%	0%	*0.1%*	**100%**
Females in column	8.9%	16.5%	20.2%	11.9%	20.0%	0%	40.0%	20.0%	6.7%	40.0%	37.5%	21.4%	3.1%	23.8%	27.7%	15.0%	0%	0%	0%	0%	12.9%

*By chemical engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 6-B. Tenured/Tenure Track Faculty at Chemical Engineering Departments No. 51 - 87 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Iowa	5	1	3.002	*9.002*	-	1.001	-	*1.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**11.003**
Missouri Columbia	1	3	1	*5*	-	-	-	*0*	-	-	-	*0*	3	1	1	*5*	-	-	-	*0*	**10**
Dayton	6	1	-	*7*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**9**
Vanderbilt	4	3.001	2.001	*9.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9.002**
UC Irvine	5.002	-	3	*8.002*	-	-	-	*0*	-	-	1.001	*1.001*	4	1	1.001	*6.001*	-	-	-	*0*	**15.004**
Iowa St	7.001	3	3.001	*13.002*	-	1	-	*1*	-	1	-	*1*	1.001	-	-	*1.001*	-	-	-	*0*	**16.003**
Alabama	5	6.001	1	*12.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.001**
New Mexico	5.001	1	3.002	*9.003*	-	-	-	*0*	1	-	-	*1*	1	1	-	*2*	-	-	-	*0*	**12.003**
Colorado St	7	-	-	*7*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**9**
Virginia	8.001	-	2	*10.001*	1	-	1	*2*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.001**
Columbia New York	5	-	2.001	*7.001*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**9.001**
SUNY Buffalo	7	3	3	*13*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**15**
Michigan Tech	4	6.002	1	*11.002*	-	-	-	*0*	-	-	-	*0*	1	2	-	*3*	-	-	-	*0*	**14.002**
Case Western Reserve	9	-	3.001	*12.001*	1	-	-	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**14.001**
Rutgers	4	4.001	-	*8.001*	-	-	-	*0*	-	1	1.001	*2.001*	3	1	-	*4*	-	-	-	*0*	**14.002**
Cincinnati	3	-	1	*4*	-	-	-	*0*	-	-	-	*0*	5	2.001	1	*8.001*	-	-	-	*0*	**12.001**
Southern California	9	-	3	*12*	-	-	-	*0*	1	-	-	*1*	6	3.001	1	*10.001*	-	-	-	*0*	**23.001**
Kentucky**	3.001	2.001	3	*8.002*	-	-	-	*0*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**11.002**
Lehigh	6.001	-	2	*8.001*	1	-	-	*1*	2	-	-	*2*	2	1	1.001	*4.001*	-	-	-	*0*	**15.002**
Drexel	4	4.001	4	*12.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.001**
Washington St	4.001	-	-	*4.001*	-	-	-	*0*	-	-	-	*0*	1	-	2	*3*	-	-	-	*0*	**7.001**
Brown**	7	-	-	*7*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**9**
Oklahoma St	5	3.001	-	*8.001*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	2.001	*2.001*	**11.002**
Woods Hole Ocean. Inst.	7	8.002	8.004	*23.006*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**24.006**
MD College Park	6.001	3.001	1	*10.002*	-	-	-	*0*	-	-	-	*0*	1	1	1	*3*	-	-	-	*0*	**13.002**
South Florida	4	3	2	*9*	-	-	-	*0*	1	-	1.001	*2.001*	3	1	-	*4*	-	-	-	*0*	**15.001**
Rice	5	1	2.001	*8.001*	-	-	-	*0*	-	-	1	*1*	1	-	2.001	*3.001*	-	-	-	*0*	**12.002**
Tennessee	8	6	-	*14*	-	-	-	*0*	-	-	-	*0*	1	2.002	-	*3.002*	-	-	-	*0*	**17.002**
Illinois Chicago	4	2	1	*7*	-	-	-	*0*	-	1	-	*1*	1	-	-	*1*	-	-	-	*0*	**9**
Rochester	2	1	1	*4*	-	-	-	*0*	-	-	-	*0*	3	1	-	*4*	-	-	-	*0*	**8**
Florida St	2	1	2	*5*	-	1	-	*1*	1.001	-	-	*1.001*	1	2	3	*6*	-	-	-	*0*	**13.001**
New Mexico St	5	2.001	-	*7.001*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**8.001**
Oregon St	4	6.002	1	*11.002*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**13.002**
North Dakota	1	2	3	*6*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**6**
New Hampshire	3	-	-	*3*	-	-	-	*0*	-	-	-	*0*	3	-	1.001	*4.001*	-	-	-	*0*	**7.001**
Alabama Huntsville	1	2	1.001	*4.001*	-	-	-	*0*	1	-	-	*1*	2	-	-	*2*	-	-	-	*0*	**7.001**
Missouri Rolla	3.001	2	1	*6.001*	-	-	-	*0*	1	-	-	*1*	2	1	2.001	*5.001*	-	-	-	*0*	**12.002**
Chemical Eng Total	178.010	79.014	63.014	*320.038*	3	3.001	1	*7.001*	8.001	3	4.003	*15.004*	56.001	24.004	21.005	*101.010*	0	0	2.001	*2.001*	**445.054**
Percent within race	56%	25%	20%	*100%*	43%	43%	14%	*100%*	53%	20%	27%	*100%*	55%	24%	21%	*100%*	0%	0%	100%	*100%*	
Percent of grand total	40.0%	17.8%	14.2%	*71.9%*	0.7%	0.7%	0.2%	*1.6%*	1.8%	0.7%	0.9%	*3.4%*	12.6%	5.4%	4.7%	*22.7%*	0%	0%	0.4%	*0.4%*	**100%**
Females in column	5.6%	17.7%	22.2%	11.9%	0%	33.3%	0%	14.3%	12.5%	0%	75.0%	26.7%	1.8%	16.7%	23.8%	9.9%	0%	0%	50.0%	50.0%	12.1%

*By chemical engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 7. Tenured/Tenure Track Faculty at the Top 50 Civil Engineering Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Texas A&M	28.001	13.003	17.002	*58.006*	1	-	-	*1*	-	1	1	*2*	3	1	2.001	*6.001*	-	-	-	*0*	**67.007**
UC Berkeley	24.001	6.001	3.002	*33.004*	-	-	-	*0*	4.001	1	-	*5.001*	2	1	1	*4*	-	-	-	*0*	**42.005**
Illinois Urb Champ	21.001	11.001	12.001	*44.003*	-	-	-	*0*	3	-	-	*3*	-	1	4.001	*5.001*	-	-	-	*0*	**52.004**
Virginia Tech	22.002	11.002	3.001	*36.005*	1	-	1	*2*	2.001	4	-	*6.001*	1	1	1.001	*3.001*	-	-	-	*0*	**47.007**
Purdue	15.002	11	6.002	*32.004*	-	1	1	*2*	1	1	3.001	*5.001*	5.001	6.001	3.001	*14.003*	-	-	-	*0*	**53.008**
UT Austin	25.001	10.004	10.003	*45.008*	-	1	-	*1*	-	1	2	*3*	1	1	-	*2*	-	-	-	*0*	**51.008**
Pennsylvania St	13.001	6.002	7.001	*26.004*	-	-	-	*0*	-	1	2.002	*3.002*	1	-	-	*1*	-	-	-	*0*	**30.006**
Florida**	7	15.001	9	*31.001*	-	-	1	*1*	-	-	-	*0*	5	-	3	*8*	-	-	-	*0*	**40.001**
SUNY Buffalo	11	3	-	*14*	-	-	-	*0*	-	-	1	*1*	4	3	1.001	*8.001*	-	-	-	*0*	**23.001**
Minnesota	18.003	11.001	3.001	*32.005*	-	-	-	*0*	-	1	-	*1*	-	-	2	*2*	-	-	-	*0*	**35.005**
South Florida	2	5.002	3	*10.002*	-	-	1.001	*1.001*	1	-	1	*2*	3	3	1	*7*	-	-	-	*0*	**20.003**
Iowa	9.002	8.002	2	*19.004*	-	-	-	*0*	-	-	-	*0*	4	-	-	*4*	-	-	-	*0*	**23.004**
UC Davis	16.003	5	1	*22.003*	-	-	-	*0*	1	-	1	*2*	4	-	4.002	*8.002*	-	-	-	*0*	**32.005**
MIT	26.003	3	4	*33.003*	1	-	-	*1*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	**36.003**
Georgia Tech	24.001	14.002	8.003	*46.006*	-	2.001	1	*3.001*	2	-	1	*3*	-	-	-	*0*	-	-	-	*0*	**52.007**
Arizona St	17.001	3.001	2	*22.002*	-	1.001	-	*1.001*	-	-	1.001	*1.001*	-	-	1.001	*1.001*	-	-	-	*0*	**25.005**
Johns Hopkins	1	2.001	1	*4.001*	-	-	-	*0*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**7.001**
Tennessee	6	4	1	*11*	-	-	-	*0*	-	-	-	*0*	2	2	3.001	*7.001*	-	-	-	*0*	**18.001**
Iowa St	11	8.001	7.001	*26.002*	-	-	-	*0*	-	-	-	*0*	1	3.001	-	*4.001*	-	-	-	*0*	**30.003**
Michigan	13.001	4.001	6.002	*23.004*	-	1.001	-	*1.001*	-	1	1	*2*	1	-	-	*1*	-	-	-	*0*	**27.005**
Louisiana St	8.001	6	1	*15.001*	-	-	-	*0*	-	-	-	*0*	1	4	6	*11*	-	-	-	*0*	**26.001**
Stanford	13.001	5.003	5.002	*23.006*	-	-	-	*0*	1	1	-	*2*	2	-	-	*2*	-	-	-	*0*	**27.006**
Arizona	4	2	-	*6*	-	-	-	*0*	2	-	-	*2*	3	-	2.001	*5.001*	-	-	-	*0*	**13.001**
Clemson	7	2	7.001	*16.001*	-	-	1	*1*	-	-	-	*0*	1	1	2	*4*	-	-	-	*0*	**21.001**
Utah	4	4.001	3	*11.001*	-	-	-	*0*	-	-	1	*1*	1	-	2	*3*	-	-	-	*0*	**15.001**
Kentucky	10.001	2	2	*14.001*	-	-	1	*1*	-	-	-	*0*	2	1	2.001	*5.001*	-	-	-	*0*	**20.002**
Colorado St	17.001	5	5.001	*27.002*	-	-	-	*0*	3	-	-	*3*	2	-	1	*3*	-	-	-	*0*	**33.002**
North Carolina St	15.001	5	3	*23.001*	-	1	-	*1*	-	1	-	*1*	3	8	1	*12*	-	-	-	*0*	**37.001**
Washington	18.003	3	7.004	*28.007*	-	-	-	*0*	-	1	-	*1*	-	1	-	*1*	-	-	-	*0*	**30.007**
Rensselaer Polytech	3.001	6.001	1	*10.002*	-	-	-	*0*	2	-	1.001	*3.001*	-	-	2	*2*	-	-	-	*0*	**15.003**
Cornell**	16.002	5	3.002	*24.004*	1	-	1	*2*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**28.004**
New Jersey Tech**	11.002	3	-	*14.002*	-	1.001	-	*1.001*	-	-	-	*0*	6	2.001	-	*8.001*	-	-	-	*0*	**23.004**
Nebraska	10	7.001	2.001	*19.002*	-	-	-	*0*	-	-	-	*0*	-	3	2	*5*	-	-	-	*0*	**24.002**
MD College Park	12.002	7.001	4.002	*23.005*	1	-	-	*1*	-	-	1	*1*	2	1	-	*3*	-	-	-	*0*	**28.005**
Ohio St	10.001	8.002	5.002	*23.005*	1	-	-	*1*	-	1	-	*1*	1	-	-	*1*	-	-	-	*0*	**26.005**
Lehigh	9.001	1	2.001	*12.002*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**14.002**
Colorado	15	6.001	1.001	*22.002*	-	-	-	*0*	1	1	1	*3*	5	-	3	*8*	-	-	-	*0*	**33.002**
Delaware	9.001	3	4.001	*16.002*	-	1	-	*1*	-	-	-	*0*	4	1	-	*5*	-	-	-	*0*	**22.002**
Cincinnati	8	7	2.001	*17.001*	-	-	-	*0*	-	-	-	*0*	1	-	3.002	*4.002*	-	-	-	*0*	**21.003**
UC Irvine	7.001	4.001	2.001	*13.003*	-	-	-	*0*	-	-	-	*0*	3.001	3.001	-	*6.002*	-	-	-	*0*	**19.005**
Wisconsin Madison	14.001	3	3.001	*20.002*	-	-	-	*0*	1	1	1	*3*	2	1	1.001	*4.001*	-	-	-	*0*	**27.003**
Massachusetts	8	2	3.001	*13.001*	-	-	-	*0*	-	2.001	-	*2.001*	1	1	1	*3*	-	-	-	*0*	**18.002**
Connecticut	5	4.001	1	*10.001*	-	1	1	*2*	-	-	-	*0*	-	3.001	3.002	*6.003*	-	-	-	*0*	**18.004**
New Hampshire	5.001	4.001	2.002	*11.004*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**12.004**
Rutgers	10.002	3	2.002	*15.004*	-	-	-	*0*	-	-	-	*0*	2	1	-	*3*	-	-	-	*0*	**18.004**
Cal Tech	3	-	-	*3*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**3**
Michigan Tech	11.001	10.002	2.001	*23.004*	-	-	-	*0*	-	-	-	*0*	-	-	3	*3*	-	-	-	*0*	**26.004**
Southern California	16	1	1.001	*18.001*	-	-	-	*0*	-	-	-	*0*	4	1	-	*5*	-	-	-	*0*	**23.001**
Northwestern**	15.001	4.001	2.001	*21.003*	-	-	-	*0*	-	-	1	*1*	1	-	1	*2*	-	-	-	*0*	**24.003**
Missouri Columbia	4	3.001	3	*10.001*	-	-	-	*0*	-	-	-	*0*	2	2	1	*5*	-	-	-	*0*	**15.001**
Civil Eng Total	606.048	278.042	183.048	*1067.138*	6	10.004	9.001	*25.005*	26.002	19.001	20.005	*65.008*	90.002	57.005	65.016	*212.023*	0	0	0	*0*	**1369.174**
Percent within race	57%	26%	17%	*100%*	24%	40%	36%	*100%*	40%	29%	31%	*100%*	42%	27%	31%	*100%*	0%	0%	0%	*0%*	
Percent of grand total	44.3%	20.3%	13.4%	*77.9%*	0.4%	0.7%	0.7%	*1.8%*	1.9%	1.4%	1.5%	*4.7%*	6.6%	4.2%	4.7%	*15.5%*	0%	0%	0%	*0%*	**100%**
Females in column	7.9%	15.1%	26.2%	12.9%	0%	40.0%	11.1%	20.0%	7.7%	5.3%	25.0%	12.3%	2.2%	8.8%	24.6%	10.8%	0%	0%	0%	0%	12.7%

*By civil engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 7-B. Tenured/Tenure Track Faculty at Civil Engineering Departments No. 51-90 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Oregon St	6	8.002	4	*18.002*	-	-	-	*0*	-	-	-	*0*	2	1	1	*4*	-	-	-	*0*	**22.002**
Central Florida	10.001	3	2	*15.001*	-	1.001	-	*1.001*	-	-	-	*0*	3	1	1	*5*	-	-	-	*0*	**21.002**
West Virginia	3	5	2	*10*	-	-	-	*0*	-	-	-	*0*	5	-	-	*5*	-	-	-	*0*	**15**
New Mexico St	4.001	2	1.001	*7.002*	-	-	-	*0*	1	1	1	*3*	2	-	1	*3*	-	-	-	*0*	**13.002**
Washington St	8	4	6.002	*18.002*	-	-	-	*0*	-	-	1	*1*	2	2	2	*6*	-	-	-	*0*	**25.002**
Princeton	8	1.001	-	*9.001*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	1.001	*1.001*	-	-	-	*0*	**12.003**
Mississippi St	4	4	2	*10*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**12**
Virginia	6	3.001	-	*9.001*	1	-	-	*1*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**12.001**
UCLA	4	1	6.002	*11.002*	-	-	-	*0*	-	-	-	*0*	3	-	1.001	*4.001*	-	-	-	*0*	**15.003**
George Washington	5.004	2.001	1	*8.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.005**
Auburn	6.001	8	5.002	*19.003*	-	-	1	*1*	-	-	-	*0*	1	2	-	*3*	-	-	-	*0*	**23.003**
Michigan St	2	4	7.003	*13.003*	-	-	-	*0*	-	1	-	*1*	4	3	2	*9*	-	-	-	*0*	**23.003**
Missouri Rolla	6	6	2	*14*	-	-	-	*0*	-	2	-	*2*	-	-	4	*4*	-	-	-	*0*	**20**
Carnegie Mellon	5	6.003	1	*12.003*	-	-	-	*0*	1	1	-	*2*	-	1	1	*2*	-	-	-	*0*	**16.003**
Illinois Chicago**	5	2	2	*9*	-	-	-	*0*	-	-	-	*0*	5	1	2.001	*8.001*	-	-	-	*0*	**17.001**
Vanderbilt	5	3	2.001	*10.001*	-	-	-	*0*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**12.001**
Kansas St	3	5	3.001	*11.001*	-	-	-	*0*	-	-	-	*0*	3	1	1.001	*5.001*	-	-	-	*0*	**16.002**
Alabama	8	6.001	1	*15.001*	-	-	-	*0*	-	-	-	*0*	2	-	2	*4*	-	-	-	*0*	**19.001**
New Mexico	8	2.001	3.001	*13.002*	-	-	-	*0*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**16.002**
Duke	6	7	4.001	*17.001*	-	1	-	*1*	2.001	-	-	*2.001*	-	-	1.001	*1.001*	-	-	-	*0*	**21.003**
Ohio	2.002	3	3	*8.002*		-	-	*0*	1	-	-	*1*	2	2	-	*4*	-	-	-	*0*	**13.002**
Florida St**	1	1.001	3.001	*5.002*	1	2	2	*5*	-	-	-	*0*	1	1	2.001	*4.001*	-	-	-	*0*	**14.003**
Dartmouth C**	6	3.001	1	*10.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**10.001**
Oklahoma St	6	5.001	1	*12.001*	-	-	-	*0*	-	-	-	*0*	1	1	2	*4*	-	-	-	*0*	**16.001**
Alabama Huntsville	2	2.001	1.001	*5.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**5.002**
South Carolina	1	5.001	6.001	*12.002*	-	-	-	*0*	-	-	1	*1*	2	2	-	*4*	-	-	-	*0*	**17.002**
Drexel	7.001	3	4.002	*14.003*	-	-	-	*0*	-	-	-	*0*	1	2.001	1.001	*4.002*	-	-	-	*0*	**18.005**
Brown	3	1.001	-	*4.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**4.001**
Woods Hole Ocean Inst	12.003	14.002	8.002	*34.007*	-	-	-	*0*	-	1	-	*1*	2	1.001	-	*3.001*	-	-	-	*0*	**38.008**
Rice	5	1	2.001	*8.001*	-	-	-	*0*	1	-	1	*2*	2	-	1.001	*3.001*	-	-	-	*0*	**13.002**
Pennsylvania**	10.002	-	-	*10.002*	-	-	-	*0*	-	-	-	*0*	1	-	2.001	*3.001*	-	-	-	*0*	**13.003**
Utah St	11	7.001	5.002	*23.003*	-	-	-	*0*	1	-	1	*2*	1	1	1	*3*	-	-	-	*0*	**28.003**
Pittsburgh	2	3	4.001	*9.001*	-	-	-	*0*	1	-	-	*1*	1	2.001	-	*3.001*	-	-	-	*0*	**13.002**
Houston**	1	4.001	3.001	*8.002*	-	-	-	*0*	-	-	-	*0*	4	2	-	*6*	-	-	-	*0*	**14.002**
Old Dominion	3	1.001	1	*5.001*	-	-	-	*0*	-	-	-	*0*	6	1.001	-	*7.001*	-	-	-	*0*	**12.002**
Dayton	2.002	1.001	4	*7.003*	-	-	2	*2*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9.003**
Columbia NY	6.001	1	1	*8.001*	-	-	-	*0*	-	-	-	*0*	1	1	1	*3*	-	-	-	*0*	**11.001**
Case Western	5	1	1.001	*7.001*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**9.001**
US Air Force Acad	2	3	9.001	*14.001*	-	-	-	*0*	-	-	-	*0*	-	-	3.001	*3.001*	-	-	-	*0*	**17.002**
North Dakota	-	2	2	*4*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**6**
Civil Eng Total	199.018	143.022	113.028	*455.068*	2	4.001	5	*11.001*	9.001	6	6.001	*21.002*	62	29.004	40.010	*131.014*	0	0	0	*0*	**618.085**
Percent within race	44%	31%	25%	*100%*	18%	36%	45%	*100%*	43%	29%	29%	*100%*	47%	22%	31%	*100%*	0%	0%	0%	*0%*	
Percent of grand total	32.2%	23.1%	18.3%	*73.6%*	0.3%	0.6%	0.8%	*1.8%*	1.5%	1.0%	1.0%	*3.4%*	10.0%	4.7%	6.5%	*21.2%*	0%	0%	0%	*0%*	**100%**
Females in column	9.0%	15.4%	24.8%	14.9%	0%	25.0%	0%	9.1%	11.1%	0%	16.7%	9.5%	0%	13.8%	25.0%	10.7%	0%	0%	0%	0%	13.8%

*By civil engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 8. Tenured/Tenure Track Faculty at the Top 50 Electrical Engineering Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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	-	1	*12*	-	1	-	*1*	1	-	-	*1*	3	1	1	*5*	-	-	-	*0*	**19**
Georgia Tech	43.002	26.003	8	*77.005*	1	2.001	1	*4.001*	-	1	1	*2*	13.001	3.001	5.002	*21.004*	-	-	-	*0*	**104.010**
UC Berkeley	19.001	6.001	6	*31.002*	-	-	-	*0*	-	-	1	*1*	8.002	-	-	*8.002*	-	-	-	*0*	**40.004**
Pennsylvania St**	22.002	8.001	2	*32.003*	-	-	-	*0*	1	-	-	*1*	10.001	3.002	1	*14.003*	-	-	-	*0*	**47.006**
Michigan	28	8.003	7.001	*43.004*	2	1	-	*3*	1	-	1	*2*	4.001	3.001	3	*10.002*	-	-	-	*0*	**58.006**
Illinois Urb Champ**	8	5.002	4	*17.002*	1	-	1	*2*	-	-	-	*0*	4	-	3	*7*	-	-	-	*0*	**26.002**
UC San Diego**	17.001	3	7.001	*27.002*	-	-	-	*0*	-	-	-	*0*	14	3	2	*19*	-	-	-	*0*	**46.002**
Purdue	37.004	10	7.002	*54.006*	1	-	-	*1*	-	-	-	*0*	12	5.001	13.001	*30.002*	-	-	-	*0*	**85.008**
MIT	38.004	8.001	7.001	*53.006*	2	-	1	*3*	1	-	-	*1*	9	6.001	1.001	*16.002*	-	-	-	*0*	**73.008**
UT Austin	29.002	6	10.001	*45.003*	-	-	-	*0*	-	-	-	*0*	10	2.001	7	*19.001*	-	-	-	*0*	**64.004**
UC Santa Barbara	27.002	1	1	*29.002*	-	-	-	*0*	-	-	-	*0*	9.001	3	-	*12.001*	-	-	-	*0*	**41.003**
Southern California	22.002	5	3	*30.002*	1	-	-	*1*	-	-	-	*0*	8.001	-	2	*10.001*	-	-	-	*0*	**41.003**
Virginia Tech	-	13.002	12.002	*25.004*	1	-	-	*1*	-	1	1	*2*	12.001	7	7.001	*26.002*	-	-	-	*0*	**54.006**
Stanford	29.001	9.001	7.001	*45.003*	-	2	-	*2*	1	-	-	*1*	8.001	3	3	*14.001*	-	-	-	*0*	**62.004**
Washington	16.004	9.001	6.002	*31.007*	-	-	-	*0*	-	-	-	*0*	7	1.001	-	*8.001*	-	-	-	*0*	**39.008**
Princeton	13.001	1.001	3	*17.002*	-	-	-	*0*	1	-	-	*1*	10.001	-	2.001	*12.002*	-	-	-	*0*	**30.004**
UCLA	24.002	1	5.001	*30.003*	-	-	-	*0*	1	-	-	*1*	16	2	3	*21*	-	-	-	*0*	**52.003**
Carnegie Mellon	26.001	5.001	2	*33.002*	2	-	-	*2*	-	-	-	*0*	8	2	5.002	*15.002*	-	-	-	*0*	**50.004**
Mississippi St	11.002	5.001	6	*22.003*	-	-	-	*0*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**24.004**
Drexel**	13.001	4.001	6.001	*23.003*	1	-	-	*1*	1	-	1.001	*2.001*	2	3.001	4	*9.001*	-	-	-	*0*	**35.005**
Vanderbilt**	17	7	5.002	*29.002*	-	-	1	*1*	-	-	-	*0*	3	1	4.001	*8.001*	-	-	-	*0*	**38.003**
Arizona**	15.001	9.002	8.001	*32.004*	-	-	-	*0*	-	-	-	*0*	2	-	6.002	*8.002*	-	-	-	*0*	**40.006**
Ohio St	23.003	11.001	3	*37.004*	-	-	-	*0*	1	-	1	*2*	5	1	2	*8*	-	-	-	*0*	**47.004**
Maryland College Park	36	7.001	7.002	*50.003*	-	1.001	-	*1.001*	1	-	-	*1*	7	5.001	2	*14.001*	-	-	-	*0*	**66.005**
Cornell	16	5.002	7.003	*28.005*	1	-	-	*1*	-	-	-	*0*	4	2	2	*8*	-	-	-	*0*	**37.005**
Arizona St	17.001	13.003	6.001	*36.005*	-	-	-	*0*	1	1	-	*2*	11.002	2	5	*18.002*	-	-	-	*0*	**56.007**
North Carolina St	22.001	5	7	*34.001*	1	1	1.001	*3.001*	1.001	-	-	*1.001*	5.001	-	6.001	*11.002*	-	-	-	*0*	**49.005**
Old Dominion	4	5.001	2	*11.001*	-	1	-	*1*	-	1	-	*1*	5	2	4	*11*	-	-	-	*0*	**24.001**
South Carolina	2	4	1.001	*7.001*	-	-	-	*0*	-	-	-	*0*	2	1	5	*8*	-	-	-	*0*	**15.001**
Wisconsin Madison	24.001	7.001	2.002	*33.004*	-	-	-	*0*	-	-	-	*0*	3	2	6.002	*11.002*	-	-	-	*0*	**44.006**
New Hampshire	6	4	-	*10*	-	-	-	*0*	-	-	-	*0*	1	-	2.001	*3.001*	-	-	-	*0*	**13.001**
Rutgers	10.001	3.001	5.001	*18.003*	1	1.001	-	*2.001*	-	-	-	*0*	6	-	2.001	*8.001*	-	-	-	*0*	**28.005**
Florida	13	5	5	*23*	-	-	1.001	*1.001*	-	1	1	*2*	7.001	4	6.001	*17.002*	-	-	-	*0*	**43.003**
UC Irvine	11	6	11.002	*28.002*	-	-	-	*0*	-	-	-	*0*	8.001	2	-	*10.001*	-	-	-	*0*	**38.003**
Delaware	10	3.001	5	*18.001*	-	1	-	*1*	1	1	-	*2*	3	-	3	*6*	-	-	-	*0*	**27.001**
Clemson	11.001	8	6.001	*25.002*	-	-	1	*1*	-	-	-	*0*	2	-	2	*4*	-	-	-	*0*	**30.002**
Massachusetts Amherst**	10.001	11	4	*25.001*	-	-	-	*0*	-	-	-	*0*	5	1.001	1	*7.001*	-	-	-	*0*	**32.002**
Rice	13.002	1	6.001	*20.003*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**22.003**
Duke	11.002	4.001	6.002	*21.005*		-	1.001	*1.001*	-	-	-	*0*	2	1	2	*5*	-	-	-	*0*	**27.006**
Virginia	10.001	3.001	2	*15.002*	1	-	-	*1*	-	-	-	*0*	3	1.001	2	*6.001*	-	-	-	*0*	**22.003**
South Florida**	13	4	2	*19*	-	-	-	*0*	-	-	-	*0*	1	1	3.001	*5.001*	-	-	-	*0*	**24.001**
Texas A&M	23.002	6	8.001	*37.003*	1.001	-	-	*1.001*	2.001	1	1	*4.001*	6.001	3	11.001	*20.002*	-	-	-	*0*	**62.007**
Minnesota	26	11.001	3	*40.001*	-	1.001	-	*1.001*	-	-	-	*0*	1	2	2	*5*	-	-	-	*0*	**46.002**
West Virginia**	7	8.002	7.002	*22.004*	-	1	-	*1*	-	-	-	*0*	5	3	3	*11*	-	-	-	*0*	**34.004**
UC Davis	13.001	1	4	*18.001*	1	-	-	*1*	-	-	-	*0*	4	2.001	3.001	*9.002*	-	-	1	*1*	**29.003**
Cincinnati**	11	7.002	4	*22.002*	-	-	-	*0*	1	-	-	*1*	6	3	-	*9*	-	-	-	*0*	**32.002**
Florida St	3	4.002	4	*11.002*	1	-	1	*2*	-	-	-	*0*	3	4.001	2.001	*9.002*	-	-	-	*0*	**22.004**
Michigan St**	13	5.001	6.001	*24.002*	-	-	1	*1*	-	-	-	*0*	4.001	4	7	*15.001*	-	-	-	*0*	**40.003**
Cal Tech	8.001	2	-	*10.001*	-	-	-	*0*	-	-	-	*0*	2	-	2.001	*4.001*	-	-	-	*0*	**14.002**
Iowa St	7.001	9.001	4	*20.002*	-	-	-	*0*	-	-	-	*0*	8	7	13.001	*28.001*	-	-	-	*0*	**48.003**
Electrical Eng Total	838.052	311.043	250.036	*1399.131*	19.001	13.004	10.003	*42.008*	16.002	7	8.001	*31.003*	291.017	102.014	173.024	*566.055*	0	0	1	*1*	**2039.197**
Percent within race	60%	22%	18%	*100%*	45%	31%	24%	*100%*	52%	23%	26%	*100%*	51%	18%	31%	*100%*	0%	0%	100%	*100%*	
Percent of grand total	41.1%	15.3%	12.3%	*68.6%*	0.9%	0.6%	0.5%	*2.1%*	0.8%	0.3%	0.4%	*1.5%*	14.3%	5.0%	8.5%	*27.8%*	0%	0%	0.0%	*0.0%*	**100%**
Females in column	6.2%	13.8%	14.4%	9.4%	5.3%	30.8%	30.0%	19.0%	12.5%	0%	12.5%	9.7%	5.8%	13.7%	13.9%	9.7%	0%	0%	0%	0%	9.7%

*By electrical engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 8-B. Tenured/Tenure Track Faculty at Electrical Engineering Departments No. 51-98 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Central Florida	6	2	2	*10*	-	-	-	*0*	-	-	-	*0*	5.001	3	3	*11.001*	-	-	-	*0*	**21.001**
Tennessee**	5	3	5	*13*	-	-	-	*0*	-	-	-	*0*	2	3.001	4.001	*9.002*	-	-	-	*0*	**22.002**
New Jersey Inst Tech	12	6.001	1	*19.001*	-	-	-	*0*	-	-	1	*1*	6	2.001	3	*11.001*	-	-	-	*0*	**31.002**
Northwestern	9.001	5	2	*16.001*	-	-	-	*0*	-	-	-	*0*	3	-	4.001	*7.001*	-	-	-	*0*	**23.002**
Colorado St	5	4	1	*10*	-	-	-	*0*	3.001	-	-	*3.001*	5	-	1	*6*	-	-	-	*0*	**19.001**
New Mexico St	3	4	1.001	*8.001*	-	-	-	*0*	2	1	-	*3*	2	3	2	*7*	-	-	-	*0*	**18.001**
Washington St	4	4	-	*8*	1	-	1	*2*	1	-	-	*1*	5.001	1	3	*9.001*	-	-	-	*0*	**20.001**
Colorado	17.001	10.001	8.001	*35.003*	-	-	-	*0*	-	-	-	*0*	1.001	-	2	*3.001*	-	-	-	*0*	**38.004**
Missouri Rolla	9.002	8	5.001	*22.003*	-	-	-	*0*	-	-	-	*0*	4	2	3.001	*9.001*	-	-	-	*0*	**31.004**
SUNY Stony Brook	5	6.001	4.001	*15.002*	1	-	-	*1*	-	-	-	*0*	5.001	3.001	1.001	*9.003*	-	-	-	*0*	**25.005**
Brown	7	2.001	3.001	*12.002*	-	-	-	*0*	-	1	-	*1*	1	-	-	*1*	-	-	-	*0*	**14.002**
Boston U**	16	14.003	5.001	*35.004*	1	-	-	*1*	1	-	-	*1*	4	1	4.001	*9.001*	-	-	-	*0*	**46.005**
Dartmouth**	3.001	6.001	2	*11.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**11.002**
Alabama Huntsville**	11	4.002	3.001	*18.003*	-	-	-	*0*	-	-	-	*0*	4	1	1	*6*	-	-	-	*0*	**24.003**
Woods Hole Ocean Inst	9	6.001	2.001	*17.002*	-	-	-	*0*	-	-	-	*0*	-	2	2.001	*4.001*	-	-	-	*0*	**21.003**
Rensselaer Polytechnic	14	4	6.003	*24.003*	-	-	-	*0*	-	-	-	*0*	6	4	3.001	*13.001*	-	-	-	*0*	**37.004**
Case Western Reserve**	8.001	6	2	*16.001*	-	-	-	*0*	-	1	-	*1*	2	3	2.001	*7.001*	-	-	-	*0*	**24.002**
Illinois Chicago	4	5	1.001	*10.001*	-	-	-	*0*	-	-	-	*0*	7.001	4	5.001	*16.002*	-	-	-	*0*	**26.003**
Columbia New York	9.001	4	4.001	*17.002*	-	-	-	*0*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**20.002**
Connecticut	7	1	3.001	*11.001*	-	1	-	*1*	-	1	-	*1*	5	1.001	4.001	*10.002*	-	-	-	*0*	**23.003**
Missouri Columbia	8.001	3	4.001	*15.002*	-	-	-	*0*	-	-	-	*0*	3.001	4	5.001	*12.002*	-	-	-	*0*	**27.004**
Auburn	14	4	-	*18*	-	-	-	*0*	-	-	-	*0*	10.001	2.001	2	*14.002*	-	-	-	*0*	**32.002**
New Mexico	12	6.001	5.001	*23.002*	-	-	-	*0*	-	-	1	*1*	-	3.001	1	*4.001*	-	-	-	*0*	**28.003**
UC Santa Cruz	4	4	1	*9*	-	-	-	*0*	-	-	-	*0*	3.001	1	-	*4.001*	-	-	-	*0*	**13.001**
Nebraska	8	8	1	*17*	-	-	-	*0*	-	1	-	*1*	1	-	-	*1*	-	-	-	*0*	**19**
Oklahoma St**	8	6	1	*15*	-	-	-	*0*	-	-	1	*1*	3	1	6.001	*10.001*	-	-	-	*0*	**26.001**
Kentucky	8	5.001	4	*17.001*	-	-	1.001	*1.001*	-	-	-	*0*	1	2	3	*6*	-	-	-	*0*	**24.002**
Oregon St	7.002	2	1	*10.002*	-	-	-	*0*	-	1	-	*1*	2	3	3.001	*8.001*	-	-	-	*0*	**19.003**
Lehigh	10	1	1.001	*12.001*	-	-	-	*0*	-	-	-	*0*	2	2	4.002	*8.002*	-	-	-	*0*	**20.003**
Rochester	8	2.001	5.001	*15.002*	-	-	1	*1*	-	-	-	*0*	1	-	2	*3*	-	-	-	*0*	**19.002**
Houston	13	7.003	4	*24.003*	-	-	-	*0*	-	-	-	*0*	4	1	3.001	*8.001*	-	-	-	*0*	**32.004**
George Washington	12.001	3	3.001	*18.002*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**19.002**
Utah St	5.001	3	2	*10.001*	-	-	-	*0*	-	-	-	*0*	2	-	5.001	*7.001*	-	-	-	*0*	**17.002**
SUNY Buffalo	10	3.001	3	*16.001*	-	-	-	*0*	-	-	-	*0*	5	-	3	*8*	-	-	-	*0*	**24.001**
Pittsburgh	7	4	1	*12*	-	-	-	*0*	-	1	-	*1*	2	-	7.001	*9.001*	-	-	-	*0*	**22.001**
Pennsylvania	12	5.002	2	*19.002*	-	-	-	*0*	-	1	-	*1*	-	1	-	*1*	-	-	-	*0*	**21.002**
Utah	7.001	3	4	*14.001*	-	-	-	*0*	-	-	-	*0*	3	1	3.001	*7.001*	-	-	-	*0*	**21.002**
Louisiana St	5	4	1	*10*	-	1.001	-	*1.001*	1	-	-	*1*	7	1	7	*15*	-	-	-	*0*	**27.001**
Michigan Tech	5.001	5	1	*11.001*	-	-	-	*0*	-	-	-	*0*	-	3.001	5.001	*8.002*	-	-	-	*0*	**19.003**
Alabama	2	4	2	*8*	-	-	-	*0*	-	-	-	*0*	2	3.001	-	*5.001*	-	-	-	*0*	**13.001**
Iowa**	11	4	3	*18*	-	-	-	*0*	-	-	-	*0*	4	1	2	*7*	-	-	-	*0*	**25**
Ohio	7	9	2	*18*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**19**
New Mexico Inst Mining**	2	5	1	*8*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8**
Dayton	3	4	-	*7*	-	-	-	*0*	-	1	-	*1*	3	1	-	*4*	-	-	-	*0*	**12**
Kansas St	5	2.001	-	*7.001*	-	-	-	*0*	-	-	-	*0*	1		1	*2*	-	-	-	*0*	**9.001**
Wichita State	2	3	1	*6*	-	1	-	*1*	-	-	-	*0*	1	1	2	*4*	-	-	-	*0*	**11**
US Air Force Acad**	3	1	9.001	*13.001*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**15.001**
North Dakota	1	3	3.001	*7.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**7.001**
Electrical Eng Total	362.014	217.021	125.021	*704.056*	3	3.001	3.001	*9.002*	8.001	9	3	*20.001*	133.008	65.008	111.020	*309.036*	0	0	0	*0*	**1042.095**
Percent within race	51%	31%	18%	*100%*	33%	33%	33%	*100%*	40%	45%	15%	*100%*	43%	21%	36%	*100%*	0%	0%	0%	*0%*	
Percent of grand total	34.7%	20.8%	12.0%	*67.6%*	0.3%	0.3%	0.3%	*0.9%*	0.8%	0.9%	0.3%	*1.9%*	12.8%	6.2%	10.7%	*29.7%*	0%	0%	0%	*0%*	**100%**
Females in column	3.9%	9.7%	16.8%	8.0%	0%	33.3%	33.3%	22.2%	12.5%	0%	0%	5.0%	6.0%	12.3%	18.0%	11.7%	0%	0%	0%	0%	9.1%

*By electrical engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 9. Tenured/Tenure Track Faculty at the Top 50 Mechanical Engineering Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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	10.002	2.001	1	*13.003*	-	-	-	*0*	-	-	-	*0*	2	1.001	3	*6.001*	-	-	-	*0*	**19.004**
Rochester	12.001	1.001	-	*13.002*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**15.002**
Pennsylvania St	28.002	5.001	5.001	*38.004*	-	1	-	*1*	1	-	-	*1*	10	-	2.001	*12.001*	-	-	-	*0*	**52.005**
Michigan	20.002	7.004	6.002	*33.008*	1	-	-	*1*	-	-	-	*0*	11.001	6	2	*19.001*	-	-	-	*0*	**53.009**
Georgia Tech	30	15.001	6	*51.001*	1	1	2.001	*4.001*	-	1	-	*1*	13.001	3	3.001	*19.002*	-	-	-	*0*	**75.004**
MIT	46.002	11.001	5.002	*62.005*	1	1	-	*2*	1	-	1.001	*2.001*	9	3.001	2.002	*14.003*	-	-	-	*0*	**80.009**
Stanford**	20	5	7.002	*32.002*	-	1	-	*1*	-	1	-	*1*	4	-	2.001	*6.001*	-	-	-	*0*	**40.003**
Virginia Tech	17.002	14.001	5.002	*36.005*	-	-	1.001	*1.001*	1	-	-	*1*	2	1	1	*4*	-	-	-	*0*	**42.006**
Purdue	28.003	13	6.001	*47.004*	-	-	1	*1*	-	1	1.001	*2.001*	4	3	2	*9*	-	-	-	*0*	**59.005**
Florida St	6	2	2	*10*	1	1.001	1	*3.001*	1	-	1	*2*	4	1	1	*6*	-	-	-	*0*	**21.001**
UCLA	17.002	-	4	*21.002*	-	-	-	*0*	-	-	-	*0*	8	-	2	*10*	-	-	-	*0*	**31.002**
Texas A&M	18.001	8	5	*31.001*	-	-	-	*0*	1	-	2.001	*3.001*	8	6.001	6.001	*20.002*	-	-	-	*0*	**54.004**
Utah St**	4.001	4	5	*13.001*	-	-	-	*0*	-	-	-	*0*	-	1	2	*3*	-	-	-	*0*	**16.001**
Illinois Urb Champ	27.001	8	8.001	*43.002*	1	-	-	*1*	-	-	1	*1*	3	2	3.001	*8.001*	-	-	-	*0*	**53.003**
Arizona**	12	2	3.001	*17.001*	-	-	-	*0*	-	-	-	*0*	3	1	3	*7*	-	-	-	*0*	**24.001**
MD College Park**	13	13.003	1	*27.003*	-	-	-	*0*	-	-	1	*1*	11	5	3.001	*19.001*	-	-	-	*0*	**47.004**
UT Austin	26.002	8.001	7.002	*41.005*	1	1.001	-	*2.001*	1	2	-	*3*	3	3	-	*6*	-	-	-	*0*	**52.006**
Mississippi St	10	2.001	3	*15.001*	-	-	-	*0*	-	2	1	*3*	-	1	-	*1*	-	-	-	*0*	**19.001**
Ohio St	21	6	4.001	*31.001*	1	-	-	*1*	-	-	1	*1*	9.001	1	2	*12.001*	-	-	-	*0*	**45.002**
Dayton	6	4	3.001	*13.001*	-	-	-	*0*	-	-	-	*0*	4	-	-	*4*	-	-	-	*0*	**17.001**
West Virginia**	14	1	5	*20*	-	-	-	*0*	1	-	-	*1*	5	-	3	*8*	-	-	-	*0*	**29**
Minnesota	22.002	1.001	2	*25.003*	-	1	-	*1*	-	-	-	*0*	3	3	-	*6*	-	-	-	*0*	**32.003**
Clemson**	10	5	6	*21*	-	-	1	*1*	-	-	-	*0*	1	2	7	*10*	-	-	-	*0*	**32**
UC Davis	20.001	2	4.002	*26.003*	2	-	-	*2*	-	-	-	*0*	3	-	2.001	*5.001*	-	-	-	*0*	**33.004**
Arizona St	7	2.001	4	*13.001*	-	-	-	*0*	1		-	*1*	6.001	2	1	*9.001*	-	-	-	*0*	**23.002**
Michigan Tech	6	12.003	4	*22.003*	-	-	-	*0*	-	-	1	*1*	7	3	4	*14*	-	-	-	*0*	**37.003**
SUNY Buffalo	11.001	2	2	*15.001*	-	-	-	*0*	-	-	-	*0*	5.002	2	3.001	*10.003*	-	-	-	*0*	**25.004**
Rensselaer Polytech	13.001	2.001	5.001	*20.003*	1	-	-	*1*	-	1	-	*1*	5	1	4.002	*10.002*	-	-	-	*0*	**32.005**
UC San Diego	24.004	7.001	1	*32.005*	-	-	-	*0*	1	-	1.001	*2.001*	5	1.001	2	*8.001*	-	-	-	*0*	**42.007**
Iowa	4	-	1	*5*	-	-	-	*0*	-	-	-	*0*	5	2	2	*9*	-	-	-	*0*	**14**
UC Irvine	14	3	1	*18*	-	-	-	*0*	1	1	-	*2*	2	-	1	*3*	-	-	-	*0*	**23**
Wisconsin Madison	18.001	4.001	7.001	*29.003*	-	-	-	*0*	-	-	-	*0*	-	2	1	*3*	-	-	-	*0*	**32.003**
Northwestern	13.001	2	1	*16.001*	-	-	-	*0*	1	-	-	*1*	4.001	4.002	2	*10.003*	-	-	-	*0*	**27.004**
South Florida**	3	2	3	*8*	-	-	1	*1*	-	-	-	*0*	4	-	1.001	*5.001*	-	-	-	*0*	**14.001**
Michigan St	16	9	2	*27*	1	-	-	*1*	1	-	-	*1*	1	3.001	5	*9.001*	-	-	-	*0*	**38.001**
Rutgers**	7	1.001	1	*9.001*	-	-	-	*0*	-	-	1	*1*	7	2	7	*16*	-	-	-	*0*	**26.001**
Pennsylvania	3	1	1	*5*	-	-	1.001	*1.001*	1	-	-	*1*	2	2	1	*5*	-	-	-	*0*	**12.001**
Connecticut	8	3	3	*14*	-	-	-	*0*	-	-	-	*0*	2	1	2	*5*	-	-	-	*0*	**19**
Louisiana St	5	3	4	*12*	-	1	1	*2*	-	-	-	*0*	4	4	4	*12*	-	-	-	*0*	**26**
Carnegie Mellon	10.001	1	7.001	*18.002*	-	-	-	*0*	1.001	-	-	*1.001*	2	-	-	*2*	-	-	-	*0*	**21.003**
Delaware	6	3	3.002	*12.002*	-	-	-	*0*	-	-	-	*0*	5	2	3.002	*10.002*	-	-	-	*0*	**22.004**
Washington	9	5.002	1	*15.002*	1	-	-	*1*	-	-	-	*0*	5	2	2	*9*	-	-	-	*0*	**25.002**
Alabama Huntsville	7	4	3.001	*14.001*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**16.001**
Brown	12	5.002	-	*17.002*	-	-	-	*0*	-	-	-	*0*	3	1	1	*5*	-	1.001	-	*1.001*	**23.003**
North Carolina St	11	10.001	1.001	*22.002*	-	1	1	*2*	-	-	-	*0*	4	3	2.001	*9.001*	-	-	-	*0*	**33.003**
Virginia	11.001	9	2.001	*22.002*	-	-	-	*0*	-	-	1.001	*1.001*	1	2	-	*3*	-	-	-	*0*	**26.003**
Colorado St**	10	4.001	1	*15.001*	-	-	-	*0*	-	-	-	*0*	1.001	2	-	*3.001*	-	-	-	*0*	**18.002**
Illinois Chicago	15.001	3	2.001	*20.002*	-	-	-	*0*	-	-	1.001	*1.001*	1	1	-	*2*	-	-	-	*0*	**23.003**
Dartmouth	14.001	9.002	2.001	*25.004*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**27.004**
Iowa St	6.001	6.001	3.001	*15.003*	-	-	-	*0*	-	-	-	*0*	4	-	4	*8*	-	-	-	*0*	**23.003**
Mechanical Eng Total	700.037	251.033	168.029	*1119.099*	12	9.002	10.003	*31.005*	14.001	9	14.006	*37.007*	208.008	87.007	104.016	*399.031*	0	1.001	0	*1.001*	**1587.143**
Percent within race	63%	22%	15%	*100%*	39%	29%	32%	*100%*	38%	24%	38%	*100%*	52%	22%	26%	*100%*	0%	100%	0%	*100%*	
Percent of grand total	44.1%	15.8%	10.6%	*70.5%*	0.8%	0.6%	0.6%	*2.0%*	0.9%	0.6%	0.9%	*2.3%*	13.1%	5.5%	6.6%	*25.1%*	0%	0.1%	0%	*0.1%*	**100%**
Females in column	5.3%	13.1%	17.3%	8.8%	0%	22.2%	30.0%	16.1%	7.1%	0%	42.9%	18.9%	3.8%	8.0%	15.4%	7.8%	0%	100%	0%	100%	9.0%

*By mechanical engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 9-B. Tenured/Tenure Track Faculty at Mechanical Engineering Departments No. 51-94 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
MA Amherst**	12	3	5.001	*20.001*	-	-	-	*0*	-	1.001	-	*1.001*	3	1	2	*6*	-	-	-	*0*	**27.002**
Colorado	7	5.003	2.001	*14.004*	1	-	-	*1*	-	-	-	*0*	4	-	3.001	*7.001*	-	-	-	*0*	**22.005**
Missouri Rolla	13	5	1	*19*	1	-	-	*1*	-	-	-	*0*	9	-	2	*11*	-	-	-	*0*	**31**
South Carolina**	5	6.001	3	*14.001*	-	-	-	*0*	-	-	-	*0*	3	1	-	*4*	-	-	-	*0*	**18.001**
Woods Hole Ocean Inst	19.001	8.003	5.001	*32.005*	-	-	-	*0*	-	-	-	*0*	1	2.001	1	*4.001*	-	-	-	*0*	**36.006**
Auburn	9	5	3	*17*	-	-	-	*0*	-	-	1	*1*	8	1	3	*12*	-	-	-	*0*	**30**
Cincinnati**	5	5	-	*10*	-	-	-	*0*	-	-	-	*0*	6.001	6	4	*16.001*	-	-	-	*0*	**26.001**
Drexel**	6	-	5.002	*11.002*	-	-	1.001	*1.001*	-	-	-	*0*	6	5	2	*13*	-	-		*0*	**25.003**
Duke	7	4	6.002	*17.002*	-	-	-	*0*	-	-	-	*0*	2	1	-	*3*	-	-	-	*0*	**20.002**
Cal Tech	12.002	-	1.001	*13.003*	-	-	-	*0*	1	-	-	*1*	3	-	-	*3*	-	-	-	*0*	**17.003**
New Jersey Inst Tech**	7	1	-	*8*	-	1	-	*1*	-	-	-	*0*	3	3	-	*6*	-	-	-	*0*	**15**
Oklahoma St	9	3	4	*16*	-	-	-	*0*	-	-	-	*0*	4	1	-	*5*	-	-	1	*1*	**22**
Utah	8	3.001	8.002	*19.003*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**20.003**
Missouri Columbia**	1	4	4	*9*	-	-	-	*0*	-	-	-	*0*	5	5	2	*12*	-	-	-	*0*	**21**
Kentucky	10	4.001	2	*16.001*	-	1.001	-	*1.001*	-	-	-	*0*	5	1	3.001	*9.001*	-	-	-	*0*	**26.003**
Case Western Reserve	7.001	2.001	1.001	*10.003*	-	-	-	*0*	-	-	1	*1*	4	1	-	*5*	-	-	-	*0*	**16.003**
UC Santa Barbara	21.001	7.001	2	*30.002*	-	-	-	*0*	-	-	-	*0*	2	-	2.001	*4.001*	-	-	-	*0*	**34.003**
Nebraska	5.001	5	1	*11.001*	-	-	-	*0*	-	-	-	*0*	2	1	2	*5*	-	-	-	*0*	**16.001**
Lehigh	19	3	1	*23*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	-	-	-	*0*	**25**
Washington St	7.001	2	2	*11.001*	-	-	-	*0*	-	-	-	*0*	2	3.002	2	*7.002*	-	-	-	*0*	**18.003**
SUNY Stony Brook	1	3	2.001	*6.001*	-	1	-	*1*	-	-	-	*0*	2	6.001	1	*9.001*	-	-	-	*0*	**16.002**
Vanderbilt	4.001	1	2	*7.001*	-	-	-	*0*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**10.001**
US Air Force Academy**	3	3	6.002	*12.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.002**
Cornell	15	7.002	4	*26.002*	1	-	-	*1*	-	2	-	*2*	-	-	1	*1*	-	-	-	*0*	**30.002**
Kansas St**	10	5	1	*16*	-	-	-	*0*	-	-	-	*0*	1	5.001	1	*7.001*		-	-	*0*	**23.001**
Houston**	9	2	1	*12*	-	-	-	*0*	-	-	-	*0*	3	2	1	*6*	-	-	-	*0*	**18**
Central Florida**	4	4	2.001	*10.001*	1	1	1	*3*	-	-	-	*0*	7	6	2	*15*	-	-	-	*0*	**28.001**
Rice**	9	-	2.001	*11.001*	-	1	-	*1*	1	-	-	*1*	2.001	-	1	*3.001*	-	-	-	*0*	**16.002**
Pittsburgh	3	5.002	2.001	*10.003*	-	1	-	*1*	-	-	-	*0*	2	1	1	*4*	-	-	-	*0*	**15.003**
Oregon St	3.001	9.002	3	*15.003*	-	-	-	*0*	-	-	-	*0*	1	-	3.001	*4.001*	-	-	-	*0*	**19.004**
Boston**	8	11.001	2	*21.001*	-	-	-	*0*	-	-	-	*0*	-	1	3.002	*4.002*	-	-	-	*0*	**25.003**
New Hampshire	8	3	1	*12*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**13.001**
Old Dominion**	-	3	-	*3*	2	-	-	*2*	-	-	-	*0*	6	-	-	*6*	-	-	-	*0*	**11**
Alabama	4	6.001	4	*14.001*	-	-	1	*1*	-	-	-	*0*	1	2	-	*3*	-	-	-	*0*	**18.001**
Columbia**	3	1	4.001	*8.001*	-	-	-	*0*	-	-	-	*0*	2	1	1	*4*	-	-	-	*0*	**12.001**
Ohio	4	4	1.001	*9.001*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**11.001**
New Mexico	6	4	3	*13*	-	-	-	*0*	1	-	-	*1*	1	-	-	*1*	1	-	-	*1*	**16**
George Washington	6	1	1	*8*	-	-	-	*0*	-	-	-	*0*	3	-	1.001	*4.001*	-	-	-	*0*	**12.001**
New Mexico St	4	6	1	*11*	-	-	-	*0*	-	1		*1*	-	2	2	*4*	-	-	-	*0*	**16**
Southern California	18	1	3.001	*22.001*	-	-	-	*0*	-	-	-	*0*	2	2	-	*4*	-	-	-	*0*	**26.001**
North Dakota	1	2	2	*5*	-	-	1	*1*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**9**
Wichita State**	2	2	2	*6*	-	-	-	*0*	-	-	-	*0*	2	1	2	*5*	-	-	-	*0*	**11**
UC Berkeley	3.003	2	1.001	*6.004*	-	-	-	*0*	1		-	*1*	8.001	1.001	-	*9.002*	-	-	-	*0*	**16.006**
New Mexico Inst Mining**	1	3	1	*5*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**6**
Mechanical Eng Total	318.012	163.019	107.021	*588.052*	6	6.001	4.001	*16.002*	4	5.001	3	*12.001*	122.003	64.007	50.007	*236.017*	1	0	1	*2*	**854.072**
Percent within race	54%	28%	18%	*100%*	37%	38%	25%	*100%*	33%	42%	25%	*100%*	52%	27%	21%	*100%*	50%	0%	50%	*100%*	
Percent of grand total	37.2%	19.1%	12.5%	*68.9%*	0.7%	0.7%	0.5%	*1.9%*	0.5%	0.6%	0.4%	*1.4%*	14.3%	7.5%	5.9%	*27.6%*	0.1%	0%	0.1%	*0.2%*	**100%**
Females in column	3.8%	11.7%	19.6%	8.8%	0%	16.7%	25.0%	12.5%	0%	20.0%	0%	8.3%	2.5%	10.9%	14.0%	7.2%	0%	0%	0%	0%	8.4%

*By mechanical engineering research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 10. Tenured/Tenure Track Faculty at the Top 50 Economics Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
MD College Park	18.002	5.001	5.001	*28.004*	1	-	-	*1*	4.001	-	2	*6.001*	-	1	1.001	*2.001*	-	-	-	*0*	**37.006**
UC Berkeley	34.005	2	9.001	*45.006*	-	-	-	*0*	-	1	-	*1*	1	3	1	*5*	-	-	-	*0*	**51.006**
Michigan**	32.005	3	9.001	*44.006*	1	-	-	*1*	-	-	1	*1*	2.001	2	4.001	*8.002*	-	-	-	*0*	**54.008**
Georgia	9	3	2	*14*	-	-	-	*0*	-	-	1	*1*	-	-	2.001	*2.001*	-	-	-	*0*	**17.001**
Michigan St	24.003	8.002	4	*36.005*	-	-	1.001	*1.001*	-	-	4.002	*4.002*	1	-	1.001	*2.001*	-	-	-	*0*	**43.009**
Illinois Urb Champaign	12.001	3.001	3	*18.002*	-	-	-	*0*	-	-	-	*0*	3	-	4.001	*7.001*	-	-	-	*0*	**25.003**
Missouri Columbia	6	4	4.002	*14.002*	-	-	-	*0*	-	-	-	*0*	2	-	1.001	*3.001*	-	-	-	*0*	**17.003**
Purdue	8	6	3	*17*	-	-	-	*0*	-	-	-	*0*	1	-	3.001	*4.001*	-	-	-	*0*	**21.001**
Wisconsin Madison	14.001	2	8.004	*24.005*	-	-	1	*1*	1	-	2	*3*	1	-	1	*2*	-	-	-	*0*	**30.005**
Tennessee	5	4.001	3.001	*12.002*	-	-	-	*0*	-	-	-	*0*	1	-	3	*4*	-	-	-	*0*	**16.002**
Minnesota	13.001	1	-	*14.001*	-	-	-	*0*	-	-	1.001	*1.001*	1	-	-	*1*	-	-	-	*0*	**16.002**
Georgia Tech	2.001	1	4	*7.001*	1	1	1.001	*3.001*	1	-	-	*1*	-	3.001	2	*5.001*	-	-	-	*0*	**16.003**
Cornell	11.001	4.001	5.001	*20.003*	1	-	-	*1*	-	-	-	*0*	3	1.001	3.001	*7.002*	-	-	-	*0*	**28.005**
Florida	13.001	2	-	*15.001*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**16.001**
Georgia St	8.002	9.003	10.005	*27.010*	-	1	-	*1*	1	1	-	*2*	1	-	-	*1*	-	-	-	*0*	**31.010**
Washington St	18.001	5.001	3.001	*26.003*	-	1	-	*1*	1	-	-	*1*	-	2.001	2.001	*4.002*	-	-	-	*0*	**32.005**
Arizona	9	3	2.001	*14.001*	-	-	-	*0*	1	-	1	*2*	-	1	2.002	*3.002*	-	-	-	*0*	**19.003**
Ohio St	19.003	7	3	*29.003*	-	-	-	*0*	-	-	-	*0*	4	2	4.001	*10.001*	-	-	-	*0*	**39.004**
Duke**	18.002	4	7.002	*29.004*	-	-	-	*0*	-	3	-	*3*	1	2	1.001	*4.001*	-	-	-	*0*	**36.005**
UC Davis	14.002	10.004	3.001	*27.007*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**29.007**
Nebraska	8	6.002	1	*15.002*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**16.002**
Nevada Las Vegas	7	5.001	1	*13.001*	-	1	-	*1*	-	-	-	*0*	-	2.001	-	*2.001*	-	-	-	*0*	**16.002**
Oklahoma St	19.001	2	6.002	*27.003*	-	-	-	*0*	-	-	-	*0*	1.001	1	-	*2.001*	-	-	-	*0*	**29.004**
Louisiana St	7	2	4	*13*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**13**
Memphis	7.002	-	2	*9.002*	1	-	-	*1*	-	-	-	*0*	1	1	1	*3*	-	-	-	*0*	**13.002**
Iowa St	26.003	9.001	2	*37.004*	-	-	-	*0*	1	-	1	*2*	2	3	1	*6*	-	-	-	*0*	**45.004**
Harvard	36.002	3.001	11.004	*50.007*	1.001	-	1	*2.001*	1	-	1	*2*	2	-	1.001	*3.001*	-	-	-	*0*	**57.009**
Montana	4.001	1	3.002	*8.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.003**
Carnegie Mellon	10	3	4.001	*17.001*	-	-	1	*1*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**19.002**
Texas A&M	8	2.001	5.001	*15.002*	-	-	1.001	*1.001*	1	1.001	1.001	*3.002*	6.001	1	-	*7.001*	1	-	-	*1*	**27.006**
North Carolina St	14	3	2.001	*19.001*	-	1	-	*1*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**21.001**
Kentucky	11	3	3.002	*17.002*	1	-	-	*1*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**19.002**
Indiana	10	2.001	4	*16.001*	-	-	-	*0*	-	-	2	*2*	2	-	4.002	*6.002*	-	-	-	*0*	**24.003**
Princeton	29.002	2	7.002	*38.004*	1.001	-	-	*1.001*	-	-	3.001	*3.001*	5	-	1	*6*	-	-	-	*0*	**48.006**
Clemson	11	4	6.002	*21.002*	-	-	-	*0*	-	-	1	*1*	-	-	2.001	*2.001*	-	-	-	*0*	**24.003**
MIT	19.003	5	7.001	*31.004*	-	-	-	*0*	1	-	-	*1*	1	-	1.001	*2.001*	-	-	-	*0*	**34.005**
North Dakota St	6	6.002	3	*15.002*	-	-	-	*0*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	-	*0*	**17.003**
Boston College	13	5	5.003	*23.003*	-	-	-	*0*	-	-	-	*0*	3	-	-	*3*	-	-	-	*0*	**26.003**
Brown	14	1	6.001	*21.001*	1	-	-	*1*	-	-	2	*2*	2	-	2.002	*4.002*	-	-	-	*0*	**28.003**
George Mason	16	8.001	1	*25.001*	1	-	-	*1*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	**27.001**
Arizona St	18	2	-	*20*	-	1	-	*1*	2	1	-	*3*	1	1	2.002	*4.002*	-	-	-	*0*	**28.002**
Texas Tech	2	6.001	3	*11.001*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**12.001**
Pennsylvania	16.001	3	9.001	*28.002*	-	-	-	*0*	1	-	1	*2*	-	-	2.001	*2.001*	-	-	-	*0*	**32.003**
Stanford	20	1	13.005	*34.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**34.005**
Connecticut	10.002	9.001	3.002	*22.005*	-	-	-	*0*	-	-	-	*0*	1	2	1	*4*	-	-	-	*0*	**26.005**
Maine	4.004	9.001	3.003	*16.008*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**17.008**
Pennsylvania St	14.001	3.001	3.001	*20.003*	-	-	-	*0*	1	-	-	*1*	2.001	2.002	1	*5.003*	-	-	-	*0*	**26.006**
Virginia Tech	8.001	3.002	-	*11.003*	-	-	-	*0*	-	-	1	*1*	1	-	2.001	*3.001*	-	-	-	*0*	**15.004**
Wayne State	7.002	1	-	*8.002*	-	-	-	*0*	-	-	-	*0*	1	-	4.002	*5.002*	-	-	-	*0*	**13.004**
UC San Diego	21.002	3.002	11.005	*35.009*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**36.009**
Economics Total	682.058	198.032	215.060	*1095.150*	10.002	6	6.003	*22.005*	17.001	8.001	28.006	*53.008*	56.004	32.006	64.027	*152.037*	1	0	0	*1*	**1323.200**
Percent within race	62%	18%	20%	*100%*	45%	27%	27%	*100%*	32%	15%	53%	*100%*	37%	21%	42%	*100%*	100%	0%	0%	*100%*	
Percent of grand total	51.5%	15.0%	16.3%	*82.8%*	0.8%	0.5%	0.5%	*1.7%*	1.3%	0.6%	2.1%	*4.0%*	4.2%	2.4%	4.8%	*11.5%*	0.1%	0%	0%	*0.1%*	**100%**
Females in column	8.5%	16.2%	27.9%	13.7%	20.0%	0%	50.0%	22.7%	5.9%	12.5%	21.4%	15.1%	7.1%	18.8%	42.2%	24.3%	0%	0%	0%	0%	15.1%

*By economics research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 10-B. Tenured/Tenure Track Faculty at Economics Departments No. 51-97 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Rutgers	18.001	7.004	2	*27.005*	-	-	-	*0*	1	-	1	*2*	2	-	1	*3*	-	-	-	*0*	**32.005**
Yale	28.001	-	-	*28.001*	1	-	-	*1*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**31.001**
South Carolina**	6	1.001	3.002	*10.003*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**11.003**
New York	22	5.001	7	*34.001*	2	-	-	*2*	2.001	1	1	*4.001*	3.001	-	2.001	*5.002*	-	-	-	*0*	**45.004**
Delaware	11	10.002	1	*22.002*	-	-	-	*0*	-	-	1	*1*	-	1	2.001	*3.001*	-	-	-	*0*	**26.003**
Northwestern	22	1	7.001	*30.001*	-	-	-	*0*	2.001	-	3.001	*5.002*	1	-	2.002	*3.002*	-	-	-	*0*	**38.005**
Columbia, New York	16.002	3	8.002	*27.004*	-	-	-	*0*	2.001	-	1	*3.001*	6.001	2.001	-	*8.002*	-	-	-	*0*	**38.007**
Oregon	9.002	3.001	3.001	*15.004*	-	-	-	*0*	-	-	1	*1*	-	1	-	*1*	-	1	-	*1*	**18.004**
UT Austin	17	3	9.002	*29.002*	-	-	-	*0*	-	1	1.001	*2.001*	-	-	2	*2*	-	-	-	*0*	**33.003**
New Hampshire**	6.001	4	2.001	*12.002*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**13.003**
Florida St	13	4	6.002	*23.002*	1	-	-	*1*	-	-	-	*0*	-	-	3	*3*	-	-	-	*0*	**27.002**
UCLA**	23.004	4.001	12.003	*39.008*	-	-	-	*0*	1	-	-	*1*	1	-	1	*2*	-	-	-	*0*	**42.008**
Oklahoma	4	4.003	3	*11.003*	-	1	-	*1*	-	-	1	*1*	-	1	1	*2*	-	-	-	*0*	**15.003**
Southern California	12	3.001	2.001	*17.002*	-	-	-	*0*	-	-	-	*0*	2	2	2	*6*	-	-	-	*0*	**23.002**
Kansas	4	7.001	1	*12.001*	-	1.001	-	*1.001*	-	-	-	*0*	1	1	3.001	*5.001*	-	-	-	*0*	**18.003**
Wisconsin Milwaukee	6	2	5.001	*13.001*	1	-	-	*1*	1	-	-	*1*	3	2	2.001	*7.001*	-	-	-	*0*	**22.002**
San Diego State	8.003	2	3.001	*13.004*	1	-	-	*1*	-	-	-	*0*	1	1.001	1.001	*3.002*	-	-	-	*0*	**17.006**
George Washington	16.001	4	1	*21.001*	-	-	-	*0*	1.001	-	2.001	*3.002*	-	1.001	3.002	*4.003*	-	-	-	*0*	**28.006**
Illinois Chicago	10.002	4	2	*16.002*	-	-	-	*0*	2.001	1.001	-	*3.002*	1.001	-	-	*1.001*	-	-	-	*0*	**20.005**
Mississippi St	2	4.001	4.002	*10.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**10.003**
Colorado	12.001	4	6.003	*22.004*	-	-	-	*0*	-	1	-	*1*	2	1.001	2.001	*5.002*	-	-	-	*0*	**28.006**
SUNY Stony Brook**	8	2	3.001	*13.001*	-	-	-	*0*	-	-	1	*1*	-	-	1	*1*	-	-	-	*0*	**15.001**
New Mexico	6.001	3.003	2.002	*11.006*	-	-	-	*0*	-	1	1	*2*	1	-	-	*1*	-	-	-	*0*	**14.006**
Central Florida**	9.001	4	1	*14.001*	1	1	-	*2*	-	-	-	*0*	-	2.002	3.001	*5.003*	-	-	-	*0*	**21.004**
Portland St	5.001	2.001	-	*7.002*	-	-	-	*0*	-	-	1	*1*	1	-	1	*2*	-	-	-	*0*	**10.002**
UC Irvine	7.002	1	3	*11.002*	-	-	-	*0*	-	-	-	*0*	-	-	4.002	*4.002*	-	-	-	*0*	**15.004**
Vanderbilt	16.003	4	3.001	*23.004*	-	-	-	*0*	-	-	-	*0*	3.001	1	1	*5.001*	-	-	-	*0*	**28.005**
SUNY Buffalo	5	1	1	*7*	-	-	-	*0*	-	-	2	*2*	2	-	7.002	*9.002*	-	-	-	*0*	**18.002**
Pittsburgh	12.001	4.001	6.001	*22.003*	-	-	1	*1*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**24.004**
Tufts	7.001	9.002	3.001	*19.004*	-	2.001	-	*2.001*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**23.005**
SUNY Binghamton	8	2.001	2	*12.001*	-	-	-	*0*	-	-	-	*0*	2	3.002	1	*6.002*	-	-	-	*0*	**18.003**
Washington	13.002	6.001	2.001	*21.004*	-	-	-	*0*	-	-	-	*0*	2	1	2.002	*5.002*	-	-	-	*0*	**26.006**
Notre Dame	3	-	4.002	*7.002*	-	-	-	*0*	-	-	-	*0*	1	2	-	*3*	-	-	-	*0*	**10.002**
UC Riverside	8.001	2.001	2.002	*12.004*	-	-	-	*0*	1.001	-	1	*2.001*	6	-	2.001	*8.001*	-	-	-	*0*	**22.006**
Georgetown	11.001	7.001	6.002	*24.004*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**27.005**
Iowa**	10.001	3	5.004	*18.005*	-	-	-	*0*	-	-	1	*1*	2	-	2.001	*4.001*	-	-	-	*0*	**23.006**
North Carolina Chapel Hill	15.001	3.001	3.002	*21.004*	1	-	1	*2*	-	-	1	*1*	-	-	2.001	*2.001*	-	-	-	*0*	**26.005**
SUNY Albany	5.001	5	4	*14.001*	-	-	-	*0*	-	-	-	*0*	3	-	4.002	*7.002*	-	-	-	*0*	**21.003**
UC Santa Barbara	19	2.001	3	*24.001*	-	-	-	*0*	-	-	1	*1*	3	-	1	*4*	-	-	-	*0*	**29.001**
Hawaii Manoa	4.001	5.002	3	*12.003*	-	-	-	*0*	-	-	-	*0*	2	1	3.001	*6.001*	-	-	-	*0*	**18.004**
Brandeis	5.001	4.001	2	*11.002*	-	-	-	*0*	-	-	1.001	*1.001*	-	1.001	5.005	*6.006*	-	-	-	*0*	**18.009**
Massachusetts Boston	4.002	2.002	3.002	*9.006*	-	1	1	*2*	-	-	-	*0*	-	1.001	2	*3.001*	-	-	-	*0*	**14.007**
Southern Illinois	2	4.001	1	*7.001*	-	-	-	*0*	-	-	-	*0*	2	-	3	*5*	-	-	-	*0*	**12.001**
Syracuse	10	6.002	2	*18.002*	-	1	-	*1*	-	-	-	*0*	3	-	1.001	*4.001*	-	-	-	*0*	**23.003**
Naval Postgrad School	2.001	3	2.002	*7.003*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**8.004**
Washington St. Louis**	21	2	1	*24*	-	-	1	*1*	-	-	-	*0*	3	2	1.001	*6.001*	-	-	-	*0*	**31.001**
Akron	3	3.001	1	*7.001*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**8.002**
Economics Total	483.040	168.038	155.045	*806.123*	*9.001*	*7.002*	*4*	*20.003*	13.006	5.001	23.005	*41.012*	61.004	29.012	79.031	*169.047*	0	1	0	*1*	**1037.185**
Percent within race	60%	21%	19%	*100%*	45%	35%	20%	*100%*	32%	12%	56%	*100%*	36%	17%	47%	*100%*	0%	100%	0%	*100%*	
Percent of grand total	46.6%	16.2%	14.9%	*77.7%*	0.9%	0.7%	0.4%	*1.9%*	1.3%	0.5%	2.2%	*4.0%*	5.9%	2.8%	7.6%	*16.3%*	0%	0.1%	0%	*0.1%*	**100%**
Females in column	8.3%	22.6%	29.0%	15.3%	11.1%	28.6%	0%	15.0%	46.2%	20.0%	21.7%	29.3%	6.6%	41.4%	39.2%	27.8%	0%	0%	0%	0%	17.8%

*By economics research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 11. Tenured/Tenure Track Faculty at the Top 50 Political Science Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Princeton**	21.003	5.002	17.006	*43.011*	-	-	-	*0*	-	-	-	*0*	2	1.001	3	*6.001*	-	-	-	*0*	**49.012**
Pennsylvania**	14.005	5.001	5.003	*24.009*	1	-	-	*1*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**27.009**
Duke	14.002	4.001	4.001	*22.004*	1.001	1	-	*2.001*	-	-	1	*1*	1	1	-	*2*	-	-	-	*0*	**27.005**
Naval Postgrad Schl**	8	8.001	9.004	*25.005*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	-	*0*	**26.006**
Harvard	14.002	5.001	-	*19.003*	-	1.001	-	*1.001*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**21.004**
Michigan**	23.004	7.003	8.005	*38.012*	-	1	-	*1*	-	-	-	*0*	2.001	1.001	1.001	*4.003*	-	-	-	*0*	**43.015**
Indiana	16.004	2.002	8.004	*26.010*	-	2.001	-	*2.001*	-	-	1	*1*	1	-	-	*1*	-	-	-	*0*	**30.011**
MD College Park	19.001	12.004	3.001	*34.006*	3.001	1	-	*4.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**39.008**
Georgetown	18.001	17.002	6.003	*41.006*	-	1	-	*1*	-	1	-	*1*	-	1	-	*1*	-	-	-	*0*	**44.006**
Washington	14.002	11.004	3.002	*28.008*	-	-	-	*0*	-	1	1	*2*	-	1	-	*1*	-	-	-	*0*	**31.008**
Rutgers	17.003	-	6.001	*23.004*	-	-	-	*0*	-	-	-	*0*	-	-	2.002	*2.002*	-	-	-	*0*	**25.006**
UC Berkeley	29.004	5.002	7	*41.006*	-	-	-	*0*	-	-	-	*0*	3	3	-	*6*	-	-	-	*0*	**47.006**
New York**	21.002	8.003	4.001	*33.006*	1	-	-	*1*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**36.006**
Syracuse	15.005	8.002	8.003	*31.010*	2	1	-	*3*	-	1	1	*2*	-	1.001	-	*1.001*	-	-	-	*0*	**37.011**
George Washington	22.006	5.001	12.003	*39.010*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**41.010**
Northwestern**	10.003	10.003	7.001	*27.007*	-	-	-	*0*	-	-	-	*0*	2	-	1.001	*3.001*	-	-	-	*0*	**30.008**
Pennsylvania St	7.001	9.005	1.001	*17.007*	-	1	1.001	*2.001*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**21.008**
George Mason	11.001	9.005	7.001	*27.007*	-	2.002	1	*3.002*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**32.009**
SUNY Albany	7	8.003	3.001	*18.004*	-	-	1.001	*1.001*	-	1	-	*1*	1	-	1.001	*2.001*	-	-	-	*0*	**22.006**
Florida St	7.001	5.001	11.004	*23.006*	-	-	2.001	*2.001*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**27.007**
Vanderbilt	8	3.001	5.003	*16.004*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**17.005**
Tufts**	6.001	2.001	6.003	*14.005*	-	2.001	-	*2.001*	-	1.001	1	*2.001*	-	1	-	*1*	-	-	-	*0*	**19.007**
UC Irvine	14.003	4.002	5.001	*23.006*	1.001	-	-	*1.001*	1.001	2	1.001	*4.002*	-	2.001	1	*3.001*	-	-	-	*0*	**31.010**
Michigan St	15.004	3	6.002	*24.006*	3	-	-	*3*	-	-	1.001	*1.001*	-	-	1	*1*	-	-	-	*0*	**29.007**
Carnegie Mellon**	3	2	1	*6*	-	1.001	-	*1.001*	-	1	-	*1*	-	-	2.001	*2.001*	-	-	-	*0*	**10.002**
Wisconsin Madison	23.005	6.001	6.001	*35.007*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**36.007**
Georgia	3	10.002	5.001	*18.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**18.003**
Southern California	9.004	1	1	*11.004*	1	-	-	*1*	-	-	1	*1*	1	1.001	1	*3.001*	-	-	-	*0*	**16.005**
South Carolina	14.004	7.002	4.001	*25.007*	1	-	2	*3*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	-	*0*	**30.008**
UC San Diego	18.002	4	7.002	*29.004*	1.001	-	-	*1.001*	1	-	3.001	*4.001*	1.001	-	2.002	*3.003*	-	-	-	*0*	**37.009**
Minnesota	8.003	5.001	17.008	*30.012*	1	-	-	*1*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**32.013**
Connecticut	7.002	8.002	8.004	*23.008*	-	1.001	1.001	*2.002*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**26.010**
UC Davis	11	9.003	4.001	*24.004*	-	-	-	*0*	-	1	-	*1*	-	1.001	1.001	*2.002*	-	-	-	*0*	**27.006**
Clemson	8.001	1	4.001	*13.002*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.002**
Ohio St	13.002	8.002	9.004	*30.008*	1	-	1	*2*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**33.008**
Virginia Tech	8.001	5.002	4.002	*17.005*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**18.005**
Iowa	11.001	8.003	3.001	*22.005*	-	-	-	*0*	-	-	1	*1*	1	-	1	*2*	-	-	-	*0*	**25.005**
Oklahoma	6	12.004	5.001	*23.005*	1	-	-	*1*	-	-	-	*0*	-	-	3.002	*3.002*	-	-	-	*0*	**27.007**
MIT	10.002	6.001	4.001	*20.004*	-	1.001	-	*1.001*	-	-	-	*0*	-	1	2.002	*3.002*	-	-	-	*0*	**24.007**
Kansas**	8.001	7.003	5.003	*20.007*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**21.008**
Texas Tech	4	2	5.001	*11.001*	-	-	-	*0*	1	-	-	*1*	1.001	1	1	*3.001*	-	-	-	*0*	**15.002**
Cornell	18.005	3.001	5.002	*26.008*	1	-	1.001	*2.001*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**29.009**
Kentucky	5	3.001	3.001	*11.002*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.002**
Nebraska	8.001	3.001	1	*12.002*	1	-	1	*2*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.002**
Notre Dame	13.001	8.004	11.004	*32.009*	1.001	-	1	*2.001*	1	-	1	*2*	-	-	3.001	*3.001*	-	-	-	*0*	**39.011**
Arizona St**	9.002	12.006	6.002	*27.010*	1	1	-	*2*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**30.011**
Texas A&M	16.002	6.001	9.004	*31.007*	1	-	1	*2*	-	1.001	1	*2.001*	-	1	2.001	*3.001*	-	-	-	*0*	**38.009**
Georgia Tech**	9.006	12.004	6.001	*27.011*	1.001	-	-	*1.001*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**29.012**
Washington St	8	12	6	*26*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	1	-	*1*	**28**
Florida International	4.001	5.001	6.002	*15.004*	1	-	-	*1*	1	1	1.001	*3.001*	-	-	-	*0*	-	-	-	*0*	**19.005**
Political Science Total	604.104	320.095	296.102	*1220.301*	27.007	18.008	13.005	*58.020*	9.001	12.003	17.004	*38.008*	21.003	24.007	36.019	*81.029*	0	1	0	*1*	**1398.358**
Percent within race	50%	26%	24%	*100%*	47%	31%	22%	*100%*	24%	32%	45%	*100%*	26%	30%	44%	*100%*	0%	100%	0%	*100%*	
Percent of grand total	43.2%	22.9%	21.2%	*87.3%*	1.9%	1.3%	0.9%	*4.1%*	0.6%	0.9%	1.2%	*2.7%*	1.5%	1.7%	2.6%	*5.8%*	0%	0.1%	0%	*0.1%*	**100%**
Females in column	17.2%	29.7%	34.5%	24.7%	25.9%	44.4%	38.5%	34.5%	11.1%	25.0%	23.5%	21.1%	14.3%	29.2%	52.8%	35.8%	0%	0%	0%	0%	25.6%

*By political science research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 11-B. Tenured/Tenure Track Faculty at Political Science Departments No. 51-96 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Colorado**	8.002	5	8.005	*21.007*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**23.007**
Brown	7.001	5.001	5.002	*17.004*	1	-	1.001	*2.001*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	-	*0*	**20.006**
Illinois Urb-Champaign	5	9.002	8.003	*22.005*	-	1.001	1	*2.001*	-	2.001	1.001	*3.002*	-	1.001	1.001	*2.002*	-	-	-	*0*	**29.010**
SUNY Binghamton**	4	5.002	4.001	*13.003*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.003**
Portland St	5	4.002	1.001	*10.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**10.003**
San Diego St	4	6.003	3.001	*13.004*	-	-	-	*0*	-	-	-	*0*	1	3.001	2.001	*6.002*	-	-	-	*0*	**19.006**
Memphis	2	4.001	4.003	*10.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**10.004**
UCLA**	29.009	11.002	4.002	*44.013*	2	1	-	*3*	-	-	-	*0*	-	2	-	*2*	-	-	-	*0*	**49.013**
Columbia	20.003	7.004	6.003	*33.010*	1	-	2.001	*3.001*	1	1.001	2.001	*4.002*	-	1	1	*2*	-	-	-	*0*	**42.013**
SUNY Stony Brook	7.001	4.001	6.001	*17.003*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**18.003**
Akron	4.001	4	3.001	*11.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**11.002**
Washington St Louis	9	3	7.002	*19.002*	-	-	1.001	*1.001*	-	-	1	*1*	-	1.001	-	*1.001*	-	-	-	*0*	**22.004**
Iowa St	3.001	4	2.001	*9.002*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	1	*1*	-	-	-	*0*	**12.003**
New Mexico	8.004	1	3	*12.004*	-	-	-	*0*	1.001	-	1	*2.001*	-	-	-	*0*	-	-	-	*0*	**14.005**
Pittsburgh	13.002	3	5.002	*21.004*	-	-	-	*0*	-	-	1	*1*	-	1	-	*1*	-	-	-	*0*	**23.004**
NC St**	2	7.002	2	*11.002*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.002**
Wayne State	11.001	7.003	4.002	*22.006*	-	1	-	*1*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**24.006**
Louisiana St	7.001	6.001	7.002	*20.004*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**21.004**
Mississippi St**	5	3.001	4.002	*12.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.003**
Purdue	6.001	14.006	2.001	*22.008*	-	1	-	*1*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**24.008**
Georgia St	2.001	9.001	5.001	*16.003*	-	1.001	1.001	*2.002*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**19.006**
Arizona	10.004	3.002	4.003	*17.009*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	-	-	-	*0*	**19.009**
Central Florida	3.001	8.002	6.002	*17.005*	-	-	1	*1*	-	-	2.001	*2.001*	-	-	1	*1*	-	-	1	*1*	**22.006**
Oklahoma St	7.001	7.002	3.002	*17.005*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**18.005**
Brandeis**	13.002	1	-	*14.002*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.003**
New Hampshire**	3.002	9.003	3.003	*15.008*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.009**
SUNY Buffalo**	5	2.001	5.002	*12.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.003**
UT Austin	19.002	14.001	8.001	*41.004*	-	1.001	5.002	*6.003*	-	2	-	*2*	-	2	-	*2*	-	-	-	*0*	**51.007**
MD Baltimore County**	5.001	4.001	3.001	*12.003*	-	1.001	1	*2.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.004**
Boston C	11.002	5.001	3.001	*19.004*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**20.004**
Florida	11	11.004	12.004	*34.008*	-	1.001	-	*1.001*	-	-	1.001	*1.001*	-	-	1	*1*	-	-	-	*0*	**37.010**
North Dakota St	1	2	1	*4*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**5.001**
Yale	22.005	4.001	9.002	*35.008*	-	-	3.003	*3.003*	-	-	1.001	*1.001*	-	-	1	*1*	-	-	-	*0*	**40.012**
Illinois Chicago	10.003	4.002	2.001	*16.006*	-	1	-	*1*	-	1.001	1	*2.001*	-	-	1	*1*	-	-	-	*0*	**20.007**
UC Santa Barbara**	10.003	5.003	3.002	*18.008*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**18.008**
Cleveland State**	2	3	3.001	*8.001*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**9.001**
Wisconsin Milwaukee	5.001	6.001	4.002	*15.004*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**16.004**
Oregon	4.001	6.002	5.002	*15.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.005**
Missouri Columbia	3	7.002	4.001	*14.003*	1	-	-	*1*	-	1	-	*1*	1	-	-	*1*	-	-	-	*0*	**17.003**
UC Riverside	3	2.001	6.002	*11.003*	-	-	-	*0*	-	-	-	*0*	-	-	3.001	*3.001*	-	-	-	*0*	**14.004**
Hawaii Manoa	8.001	5.001	-	*13.002*	-	-	1.001	*1.001*	-	-	-	*0*	2.001	1.001	3	*6.002*	-	-	2.002	*2.002*	**22.007**
Maine**	3	4.001	2	*9.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9.001**
Stanford	19.002	3	6.001	*28.003*	-	-	-	*0*	-	1	2.001	*3.001*	3.001	-	-	*3.001*	-	-	-	*0*	**34.005**
MA Boston**	5.002	1.001	3.002	*9.005*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**11.005**
Delaware	10.004	4.001	5.002	*19.007*	-	1	1	*2*	-	1	-	*1*	-	2.001	-	*2.001*	-	-	-	*0*	**24.008**
Tennessee	10.001	2	5.001	*17.002*	-	-	-	*0*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**19.002**
Political Science Total	363.066	243.065	198.074	*804.205*	6	12.005	22.012	*40.017*	5.001	10.004	15.007	*30.012*	11.002	16.005	21.005	*48.012*	0	0	3.002	*3.002*	**925.248**
Percent within race	45%	30%	25%	*100%*	15%	30%	55%	*100%*	17%	33%	50%	*100%*	23%	33%	44%	*100%*	0%	0%	100%	*100%*	
Percent of grand total	39.2%	26.3%	21.4%	*86.9%*	0.6%	1.3%	2.4%	*4.3%*	0.5%	1.1%	1.6%	*3.2%*	1.2%	1.7%	2.3%	*5.2%*	0%	0%	0.3%	*0.3%*	**100%**
Females in column	18.2%	26.7%	37.4%	25.5%	0%	41.7%	54.5%	42.5%	20.0%	40.0%	46.7%	40.0%	18.2%	31.2%	23.8%	25.0%	0%	0%	66.7%	66.7%	26.8%

*By political science research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 12. Tenured/Tenure Track Faculty at the Top 50 Sociology Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Pennsylvania St	18.001	4.002	4.003	*26.006*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**28.006**
Iowa St	12.006	10.004	4.002	*26.012*	1.001	1.001	-	*2.002*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**29.015**
Michigan	15.004	5.004	5.002	*25.010*	-	1	2.001	*3.001*	-	1.001	-	*1.001*	1	1.001	2.001	*4.002*	-	-	-	*0*	**33.014**
Wisconsin Madison	20.005	8.002	6.005	*34.012*	2.001	-	-	*2.001*	1	-	1.001	*2.001*	1.001	-	1.001	*2.002*	1	-	-	*1*	**41.016**
NC Chapel Hill	13.005	3	3.001	*19.006*	-	-	1.001	*1.001*	-	1.001	-	*1.001*	1	-	-	*1*	-	-	-	*0*	**22.008**
Brandeis	6.002	2.001	3.003	*11.006*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**12.007**
Columbia, New York	16.003	3.003	3.001	*22.007*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**23.007**
Arizona	9.002	3.001	5.003	*17.006*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**19.006**
Pennsylvania	12.002	2.002	6.003	*20.007*	2	1.001	-	*3.001*	-	-	-	*0*	-	1.001	1	*2.001*	-	-	-	*0*	**25.009**
Indiana	13.005	3.002	7.003	*23.010*	1.001	-	1	*2.001*	-	-	1	*1*	1	-	1	*2*	-	-	-	*0*	**28.011**
UC Berkeley	16.007	2.001	6.003	*24.011*	-	1	1.001	*2.001*	1	1.001	-	*2.001*	1	-	-	*1*	-	-	-	*0*	**29.013**
Duke	12.006	1	3.002	*16.008*	2.001	-	-	*2.001*	1	1	-	*2*	-	-	-	*0*	-	-	-	*0*	**20.009**
UCLA	27.005	6.003	5.002	*38.010*	2	-	2.001	*4.001*	2	2.001	1	*5.001*	1.001	-	-	*1.001*	1	-	-	*1*	**49.013**
Illinois Urb-Champ	3.001	5.003	4.003	*12.007*	-	1.001	2.001	*3.002*	-	-	-	*0*	1	2	-	*3*	-	-	-	*0*	**18.009**
Minnesota	11.004	11.003	5.004	*27.011*	-	-	1.001	*1.001*	-	-	-	*0*	1	1.001	1.001	*3.002*	-	-	-	*0*	**31.014**
UT Austin	20.004	7.004	4.001	*31.009*	1	-	3.001	*4.001*	1	1	2.001	*4.001*	-	1	2.002	*3.002*	-	-	-	*0*	**42.013**
UC San Diego	11.002	7.003	4.001	*22.006*	1.001	1	-	*2.001*	1	1	1	*3*	-	-	1	*1*	-	-	-	*0*	**28.007**
Kansas	6.003	4.002	5.004	*15.009*	1.001	-	1	*2.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**18.011**
SUNY Albany	10.003	7.002	2.001	*19.006*	1	-	1.001	*2.001*	1	1.001	-	*2.001*	1	-	1.001	*2.001*	-	-	-	*0*	**25.009**
Wayne St	3.002	2.001	3.002	*8.005*	-	1	2.001	*3.001*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**12.007**
Akron	3	5.003	3.002	*11.005*	-	2	-	*2*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**14.005**
Colorado	12.006	2.002	6.004	*20.012*	-	-	1.001	*1.001*	1.001	-	-	*1.001*	-	-	1.001	*1.001*	-	-	-	*0*	**23.015**
Purdue	13.003	10.005	7.003	*30.011*	-	1.001	-	*1.001*	-	-	-	*0*	-	1	1.001	*2.001*	-	-	-	*0*	**33.013**
Delaware	11.006	5.002	3.001	*19.009*	2.002	-	1.001	*3.003*	3	-	-	*3*	-	1	-	*1*	-	-	-	*0*	**26.012**
Florida St	7.003	3.002	9.004	*19.009*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**21.010**
Illinois Chicago	6.002	4.003	-	*10.005*	1	1.001	-	*2.001*	-	1.001	1.001	*2.002*	1	-	-	*1*	-	-	-	*0*	**15.008**
George Washington	3	1.001	3.003	*7.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**7.004**
MD College Park	11.004	10.003	3.002	*24.009*	1.001	1.001	-	*2.002*	-	1	-	*1*	-	1.001	1	*2.001*	-	-	-	*0*	**29.012**
Southern CA	7.002	4.002	1.001	*12.005*	-	1.001	1	*2.001*	1.001	-	1.001	*2.002*	-	1	-	*1*	-	-	-	*0*	**17.008**
Nebraska Lincoln	6.002	3.003	3.002	*12.007*	-	-	-	*0*	1	-	2.001	*3.001*	-	-	-	*0*	-	-	-	*0*	**15.008**
Rutgers	8.004	13.007	4.002	*25.013*	-	2.001	1.001	*3.002*	-	-	-	*0*	-	-	2.002	*2.002*	-	-	-	*0*	**30.017**
Washington St Louis	17.004	1	8.001	*26.005*	1	-	1.001	*2.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**28.006**
Notre Dame	8.002	8.002	5.003	*21.007*	-	-	1	*1*	3	-	-	*3*	-	-	-	*0*	-	-	-	*0*	**25.007**
Michigan St	12.004	5	5.003	*22.007*	4.002	1	2.002	*7.004*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**30.012**
SUNY Binghamton**	10.001	2.001	1.001	*13.003*	1	1	-	*2*	-	1	1.001	*2.001*	-	2.001	1.001	*3.002*	-	-	-	*0*	**20.006**
Washington St	4	7.005	6.005	*17.010*	-	-	-	*0*	-	-	-	*0*	1.001	-	1.001	*2.002*	-	-	-	*0*	**19.012**
New Hampshire**	7.004	4.002	3.002	*14.008*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**15.008**
Cornell	7.001	5.003	1	*13.004*	1	-	-	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**15.004**
Washington	14.005	6.003	3.001	*23.009*	2	-	1.001	*3.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**27.010**
Georgia	7.001	8.003	3.001	*18.005*	1	-	1	*2*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**20.005**
Oklahoma	3	5.004	3.001	*11.005*	-	-	2.002	*2.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**13.007**
Memphis	3	4.002	2.002	*9.004*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**10.004**
Tennessee	3	5.002	2.001	*10.003*	2	-	-	*2*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**13.004**
Maine	4	1.001	2.002	*7.003*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.003**
NC St	10.004	8.001	5.002	*23.007*	-	2.001	-	*2.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**26.009**
Ohio St	11.002	8.004	4.004	*23.010*	1.001	1	1.001	*3.002*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**27.012**
Connecticut	12.004	3.001	6.004	*21.009*	1	1	1.001	*3.001*	-	-	-	*0*	-	1.001	1	*2.001*	-	-	-	*0*	**26.011**
Texas Tech	3	4.002	1.001	*8.003*	-	-	-	*0*	-	-	1	*1*	1	-	-	*1*	-	-	-	*0*	**10.003**
Florida International	2	5.002	-	*7.002*	-	-	-	*0*	3.001	-	1.001	*4.002*	-	-	-	*0*	-	-	-	*0*	**11.004**
Louisiana St	5.001	4	2.001	*11.002*	1	-	-	*1*	-	-	1	*1*	-	2	-	*2*	-	-	-	*0*	**15.002**
Sociology Total	482.137	248.114	191.108	*921.359*	36.013	21.009	32.020	*89.042*	22.003	12.006	19.009	*53.018*	16.003	15.006	24.017	*55.026*	2	0	0	*2*	**1120.445**
Percent within race	52%	27%	21%	*100%*	40%	24%	36%	*100%*	42%	23%	36%	*100%*	29%	27%	44%	*100%*	100%	0%	0%	*100%*	
Percent of grand total	43.0%	22.1%	17.1%	*82.2%*	3.2%	1.9%	2.9%	*7.9%*	2.0%	1.1%	1.7%	*4.7%*	1.4%	1.3%	2.1%	*4.9%*	0.2%	0%	0%	*0.2%*	**100%**
Females in column	28.4%	46.0%	56.5%	39.0%	36.1%	42.9%	62.5%	47.2%	13.6%	50.0%	47.4%	34.0%	18.8%	40.0%	70.8%	47.3%	0%	0%	0%	0%	39.7%

*By sociology research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 12-B. Tenured/Tenure Track Faculty at Sociology Departments No. 51-97 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Georgia St	4	10.006	3.002	*17.008*	-	-	2.002	*2.002*	-	-	-	*0*	-	1	1.001	*2.001*	-	-	-	*0*	**21.011**
UC Irvine	8.002	4.002	7.004	*19.008*	-	1.001	-	*1.001*	1	-	1	*2*	1	1.001	1	*3.001*	-	-	-	*0*	**25.010**
Georgia Tech	-	-	7.003	*7.003*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.003**
Carnegie Mellon**	7.001	3.001	-	*10.002*	-	1.001	-	*1.001*	-	1	-	*1*	-	-	2.001	*2.001*	-	-	-	*0*	**14.004**
Missouri Columbia	4.001	3.001	-	*7.002*	1.001	-	1	*2.001*	-	1	-	*1*	-	1	4.001	*5.001*	-	-	-	*0*	**15.004**
Clemson	3.001	1.001	4.003	*8.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.005**
UC Davis	11.006	7.003	3	*21.009*	-	2	-	*2*	-	-	1.001	*1.001*	-	1.001	1.001	*2.002*	-	-	-	*0*	**26.012**
Brown	6.001	7.003	3.003	*16.007*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**17.007**
New Mexico	-	-	-	*0*	-	-	-	*0*	3	-	1.001	*4.001*	-	-	-	*0*	-	-	-	*0*	**4.001**
MD Baltimore County	7.002	4.002	6.004	*17.008*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**17.008**
Northwestern	12.003	6.003	1.001	*19.007*	2.001	-	1.001	*3.002*	-	-	1	*1*	-	-	2.002	*2.002*	-	-	-	*0*	**25.011**
Princeton	12.003	1	3.002	*16.005*	1	-	-	*1*	3.001	-	-	*3.001*	-	-	1	*1*	-	-	-	*0*	**21.006**
Texas A&M	12.002	1.001	6.002	*19.005*	1	3.001	-	*4.001*	1	1	3.003	*5.003*	-	-	2	*2*	-	-	-	*0*	**30.009**
South Carolina	7.002	4.001	3.003	*14.006*	1	-	-	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**16.006**
Nevada Las Vegas**	6	4.002	4.003	*14.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.005**
North Dakota St	5.001	-	1.001	*6.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**6.002**
Pittsburgh	3.001	-	2.001	*5.002*	-	-	2.002	*2.002*	-	-	-	*0*	2.002	1.001	1.001	*4.004*	-	-	-	*0*	**11.008**
Florida	7.001	6.004	7.003	*20.008*	-	1	-	*1*	1	1.001	-	*2.001*	-	-	-	*0*	-	-	-	*0*	**23.009**
Iowa	6.004	2	6.003	*14.007*	-	-	-	*0*	-	-	1.001	*1.001*	1	-	1	*2*	-	-	-	*0*	**17.008**
Wisconsin Milwaukee	3.003	6.003	3.003	*12.009*	-	2	-	*2*	1	-	-	*1*	-	1	3.001	*4.001*	-	1	-	*1*	**20.010**
MIT	5.003	1	2.001	*8.004*	-	-	1	*1*	1	-	2	*3*	-	-	-	*0*	-	-	-	*0*	**12.004**
New York	20.006	5.002	1	*26.008*	1	-	1.001	*2.001*	3.001	-	1.001	*4.002*	1	1	-	*2*	-	-	-	*0*	**34.011**
Oklahoma St	4	3.002	4.001	*11.003*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	1	*1*	-	1	-	*1*	**14.004**
UC Riverside	17.002	2.002	1.001	*20.005*	1	-	1	*2*	2	-	-	*2*	-	1.001	-	*1.001*	-	-	-	*0*	**25.006**
Kentucky	8.001	6.004	1.001	*15.006*	1.001	1.001	-	*2.002*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**18.009**
Mississippi St	8	4.001	4.002	*16.003*	-	1	-	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**18.003**
Boston C	9.003	5.003	1.001	*15.007*	-	1.001	1	*2.001*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	**18.009**
SUNY Stony Brook	10.002	3	2.001	*15.003*	-	1.001	-	*1.001*	-	1	-	*1*	-	-	1	*1*	-	-	-	*0*	**18.004**
George Mason	4.001	6.004	4.002	*14.007*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.007**
San Diego St	2.002	5.002	2	*9.004*	1	-	-	*1*	-	1.001	-	*1.001*	2.002	1	-	*3.002*	-	-	-	*0*	**14.007**
Central Florida	3.002	8.005	5.003	*16.010*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**17.010**
Virginia Tech	9.001	5.002	1.001	*15.004*	-	1	4.001	*5.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**20.005**
Arizona St	2.001	5.004	1	*8.005*	-	-	-	*0*	1	1.001	-	*2.001*	-	-	1	*1*	-	-	-	*0*	**11.006**
Stanford	10.005	-	4.002	*14.007*	1	-	-	*1*	-	-	-	*0*	1	1	-	*2*	1	-	-	*1*	**18.007**
MA Boston	5.002	3.001	4.002	*12.005*	-	-	2	*2*	-	-	1	*1*	-	1	1.001	*2.001*	-	-	-	*0*	**17.006**
Oregon	7.003	5.002	3.001	*15.006*	-	-	-	*0*	-	-	1	*1*	-	2.001	-	*2.001*	-	-	-	*0*	**18.007**
Harvard	11.004	1	2.001	*14.005*	2	1.001	-	*3.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**18.007**
Portland St	3.001	5.001	2.002	*10.004*	-	1.001	-	*1.001*	-	1	-	*1*	1.001	-	-	*1.001*	-	-	-	*0*	**13.006**
UC Santa Barbara	16.005	3.002	1	*20.007*	-	1	1.001	*2.001*	2.001	-	2.001	*4.002*	2.001	1	-	*3.001*	1.001	-	-	*1.001*	**30.012**
Hawaii Manoa	6.002	3.001	1	*10.003*	-	-	-	*0*	-	-	-	*0*	2	2.001	1.001	*5.002*	-	1.001	-	*1.001*	**16.006**
SUNY Buffalo	3	2	6.004	*11.004*	-	1.001	1	*2.001*	-	1	-	*1*	-	1	-	*1*	-	-	-	*0*	**15.005**
Southern Illinois	3.001	3.002	2.001	*8.004*	1	-	2.001	*3.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**11.005**
Syracuse	4.003	4.002	2.002	*10.007*	-	1	-	*1*	-	1	-	*1*	-	1.001	1.001	*2.002*	-	-	-	*0*	**14.009**
Yale	9.002	2.001	4.002	*15.005*	-	-	2.002	*2.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**17.007**
Cleveland State	4.001	3.001	2.002	*9.004*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**12.006**
Vanderbilt	6.003	3.001	4.002	*13.006*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.006**
Georgetown	4.001	1	1.001	*6.002*	1.001	-	-	*1.001*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**8.003**
Sociology Total	315.091	165.078	136.077	*616.246*	19.005	21.010	23.011	*63.026*	19.003	10.003	17.008	*46.014*	15.006	18.007	29.014	*62.027*	2.001	4.002	0	*6.003*	**793.316**
Percent within race	51%	27%	22%	*100%*	30%	33%	37%	*100%*	41%	22%	37%	*100%*	24%	29%	47%	*100%*	33%	67%	0%	*100%*	
Percent of grand total	39.7%	20.8%	17.2%	*77.7%*	2.4%	2.6%	2.9%	*7.9%*	2.4%	1.3%	2.1%	*5.8%*	1.9%	2.3%	3.7%	*7.8%*	0.3%	0.5%	0%	*0.8%*	**100%**
Females in column	28.9%	47.3%	56.6%	39.9%	26.3%	47.6%	47.8%	41.3%	15.8%	30.0%	47.1%	30.4%	40.0%	38.9%	48.3%	43.5%	50.0%	50.0%	0%	50.0%	39.8%

*By sociology research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 13. Tenured/Tenure Track Faculty at the "Top 50" Psychology Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Wisconsin Madison	25.012	-	-	*25.012*	-	1.001	1	*2.001*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**29.014**
Penn St**	14.006	18.007	7.002	*39.015*	-	-	1	*1*	-	-	1	*1*	1.001	1.001	1.001	*3.003*	-	-	-	*0*	**44.018**
New York	25.008	3	6.002	*34.010*	-	-	-	*0*	2.001	-	-	*2.001*	-	-	-	*0*	-	-	-	*0*	**36.011**
Rochester	9.001	1.001	3.001	*13.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**13.003**
Illinois Urb Champ	31.008	8.002	12.005	*51.015*	-	-	1	*1*	-	-	3.001	*3.001*	2.001	3.002	2.001	*7.004*	-	-	-	*0*	**62.020**
Georgia	18.006	12.005	5.002	*35.013*	1.001	-	-	*1.001*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**37.015**
Connecticut	24.006	15.006	9.006	*48.018*	-	-	-	*0*	-	-	-	*0*	-	1.001	1	*2.001*	-	-	-	*0*	**50.019**
Minnesota	22.004	6.001	10.003	*38.008*	-	-	-	*0*	-	1.001	-	*1.001*	-	2	-	*2*	-	1	-	*1*	**42.009**
Indiana	31.006	6.001	7.001	*44.008*	-	-	1.001	*1.001*	-	1	-	*1*	-	-	2.001	*2.001*	-	-	-	*0*	**48.010**
UCLA	36.012	8.002	8.004	*52.018*	3.001	-	-	*3.001*	2	-	-	*2*	1.001	2.002	5.001	*8.004*	-	-	-	*0*	**65.023**
Georgia St.	9.003	9.006	11.007	*29.016*	1	1	1.001	*3.001*	-	2.001	1	*3.001*	-	-	-	*0*	-	-	-	*0*	**35.018**
UC Berkeley	21.007	6.003	7.004	*34.014*	-	-	1.001	*1.001*	1	-	1	*2*	1	2.001	1.001	*4.002*	-	-	1.001	*1.001*	**42.018**
Rutgers	29.009	12.004	2.002	*43.015*	-	-	-	*0*	-	-	1.001	*1.001*	-	1	1	*2*	-	-	-	*0*	**46.016**
Memphis	12	10.004	8.001	*30.005*	-	-	2.002	*2.002*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**33.007**
Michigan	62.022	13.004	9.004	*84.030*	2	3.003	1	*6.003*	3.001	2.001	1.001	*6.003*	2.001	5.003	2	*9.004*	-	1.001	1	*2.001*	**107.041**
Temple	15.006	7	7.003	*29.009*	1	-	1	*2*	-	-	1.001	*1.001*	-	-	1.001	*1.001*	-	-	-	*0*	**33.011**
Miami	16.005	7.005	3.002	*26.012*	-	-	-	*0*	1.001	1	-	*2.001*	-	-	2.001	*2.001*	-	-	-	*0*	**30.014**
Oregon Health Sci	10.003	9.004	2	*21.007*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**21.007**
Colorado	23.007	13.002	4.002	*40.011*	-	-	-	*0*	1.001	1.001	-	*2.002*	-	4.003	2.001	*6.004*	-	-	-	*0*	**48.017**
Princeton	18.006	1.001	6.001	*25.008*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**27.010**
Nebraska	15.005	3	3.002	*21.007*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	2	*2*	-	1.001	-	*1.001*	**26.009**
Vanderbilt	11.001	6.002	4.001	*21.004*	-	-	1	*1*	-	-	-	*0*	1.001	1.001	1	*3.002*	-	-	-	*0*	**25.006**
San Jose St	6.002	7.004	2.001	*15.007*	-	-	-	*0*	-	1.001	-	*1.001*	1	2.002	1	*4.002*	-	-	-	*0*	**20.010**
San Diego St	14.007	10.006	9.004	*33.017*	-	-	-	*0*	-	2.001	2.002	*4.003*	-	1.001	-	*1.001*	-	-	-	*0*	**38.021**
Florida**	21.003	8.002	7.005	*36.010*	1.001	-	-	*1.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**38.011**
Washington	17.005	11.006	7.003	*35.014*	1	-	-	*1*	2.001	1	-	*3.001*	1.001	3	1.001	*5.002*	-	-	-	*0*	**44.017**
Arizona St**	14.005	12.005	4.002	*30.012*	-	-	-	*0*	3	3.002	1	*7.002*	-	1	1.001	*2.001*	-	-	-	*0*	**39.015**
Stanford**	15.004	1.001	10.005	*26.010*	1	1.001	-	*2.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**29.012**
Florida St	19.005	8.004	7.003	*34.012*	1	-	-	*1*	2.001	-	1	*3.001*	1	-	-	*1*	-	-	-	*0*	**39.013**
Yale	15.005	3.001	5.001	*23.007*	-	-	2.002	*2.002*	-	-	-	*0*	2.001	-	1.001	*3.002*	-	-	-	*0*	**28.011**
Harvard	15.004	2.001	5.002	*22.007*	1	-	-	*1*	-	-	-	*0*	2.001	-	1.001	*3.002*	-	-	-	*0*	**26.009**
Oregon	10.005	10.002	3.001	*23.008*	-	-	-	*0*	-	1.001	-	*1.001*	1	1	1	*3*	-	-	1	*1*	**28.009**
UT MDA Cancer Ctr.	5.002	3.002	8.005	*16.009*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.009**
Carnegie Mellon	16.005	3.002	2.001	*21.008*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**21.008**
UT Austin	32.008	12.005	5.001	*49.014*	-	-	-	*0*	3	-	-	*3*	-	-	1	*1*	-	-	-	*0*	**53.014**
Alabama Birmingham	9.002	5.001	1.001	*15.004*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	1	*1*	-	-	-	*0*	**17.005**
Pittsburgh	18.005	8.002	6.004	*32.011*	1.001	-	-	*1.001*	-	-	-	*0*	1.001	-	1.001	*2.002*	-	-	1	*1*	**36.014**
UC San Diego**	14.002	6.002	5.001	*25.005*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**27.005**
Virginia**	9.002	6.002	9.004	*24.008*	2	2.001	-	*4.001*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**30.009**
Missouri Columbia	13.003	7.003	11.003	*31.009*	-	-	-	*0*	1.001	1	-	*2.001*	-	-	1.001	*1.001*	-	-	-	*0*	**34.011**
Ohio St	25.007	9.004	7.002	*41.013*	1	-	-	*1*	-	1	-	*1*	1	-	1	*2*	-	-	-	*0*	**45.013**
Boston U	15.007	10.006	-	*25.013*	-	-	1	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**27.013**
Illinois Chicago	12.003	9.003	3.002	*24.008*	-	-	1.001	*1.001*	-	1.001	1.001	*2.002*	-	-	-	*0*	-	-	-	*0*	**27.011**
Michigan St	27.009	9.005	6.002	*42.016*	-	1	3.003	*4.003*	1	-	1	*2*	2	-	-	*2*	-	-	-	*0*	**50.019**
Chicago**	12.002	5.001	4.001	*21.004*	1	-	-	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**23.004**
South Carolina	18.007	6.002	11.005	*35.014*	-	1.001	3.003	*4.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**39.018**
CUNY Hunter College	14.006	6.004	1.001	*21.011*	1	1.001	-	*2.001*	1.001	-	2.002	*3.003*	-	2	-	*2*	-	-	-	*0*	**28.015**
Dartmouth	9.001	3.001	3.001	*15.003*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**16.003**
NC Chapel Hill	19.005	12.005	7.005	*38.015*	2.002	-	1.001	*3.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**41.018**
Johns Hopkins	5.001	1.001	6.002	*12.004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.004**
Psychology Total	894.265	365.143	287.123	*1546.531*	21.006	12.009	22.015	*55.030*	24.008	20.011	19.011	*63.030*	25.009	34.017	40.017	*99.043*	0	3.002	4.001	*7.003*	**1770.637**
Percent within race	58%	24%	19%	*100%*	38%	22%	40%	*100%*	38%	32%	30%	*100%*	25%	34%	40%	*100%*	0%	43%	57%	*100%*	
Percent of grand total	50.5%	20.6%	16.2%	*87.3%*	1.2%	0.7%	1.2%	*3.1%*	1.4%	1.1%	1.1%	*3.6%*	1.4%	1.9%	2.3%	*5.6%*	0%	0.2%	0.2%	*0.4%*	**100%**
Females in column	29.6%	39.2%	42.9%	34.3%	28.6%	75.0%	68.2%	54.5%	33.3%	55.0%	57.9%	47.6%	36.0%	50.0%	42.5%	43.4%	0%	67%	25.0%	43%	36.0%

*By psychology research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 13-B. Tenured/Tenure Track Faculty at Psychology Departments No. 51-100 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
New Mexico	6.002	5.001	9.004	*20.007*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	2.001	*2.001*	**23.009**
Houston	12.001	7.004	7.005	*26.010*	-	-	-	*0*	-	1	-	*1*	-	-	1.001	*1.001*	-	-	-	*0*	**28.011**
Purdue	26.003	13.006	4.003	*43.012*	-	1	1.001	*2.001*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	**46.013**
Iowa**	11.003	7.001	4.003	*22.007*	-	-	-	*0*	-	-	-	*0*	-	1	2	*3*	-	-	-	*0*	**25.007**
Cornell	15.005	4	3.001	*22.006*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	-	-	-	*0*	**24.007**
Pennsylvania	15.004	2.002	10.004	*27.010*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**27.010**
Kentucky	11.002	10.005	1	*22.007*	-	2.002	-	*2.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**24.009**
MA Amherst**	31.011	3.003	6.004	*40.018*	-	-	1	*1*	-	-	1	*1*	-	-	1.001	*1.001*	-	-	-	*0*	**43.019**
Virginia Commonwealth	12.002	10.006	3.001	*25.009*	1.001	3	-	*4.001*	1.001	-	1.001	*2.002*	-	-	-	*0*	-	-	-	*0*	**31.012**
MD College Park	19.007	6.001	2.001	*27.009*	1	-	-	*1*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**29.009**
SUNY Buffalo**	9.002	11.003	13.005	*33.010*	-	-	-	*0*	-	-	-	*0*	1	-	1.001	*2.001*	-	-	-	*0*	**35.011**
Southern California	23.007	10.002	-	*33.009*	-	1	-	*1*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**36.009**
Washington St. Louis**	10.001	9.004	8.003	*27.008*	1	-	1.001	*2.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**29.009**
Hawaii Manoa	10.002	3.002	5.003	*18.007*	-	-	-	*0*	-	-	-	*0*	2.001	-	2	*4.001*	-	-	-	*0*	**22.008**
Arizona	22.008	7.004	6.002	*35.014*	-	-	-	*0*	1	1.001	-	*2.001*	-	-	-	*0*	-	-	1.001	*1.001*	**38.016**
Northwestern	13.004	5	5.002	*23.006*	-	1.001	-	*1.001*	-	-	-	*0*	-	2.001	-	*2.001*	-	-	-	*0*	**26.008**
Tufts	9.003	2.002	3.002	*14.007*	-	1	-	*1*	-	-	-	*0*	1.001	-	-	*1.001*	-	-	-	*0*	**16.008**
Teachers C Columbia	15.007	15.007	2.002	*32.016*	3.002	1.001	-	*4.003*	-	1.001	-	*1.001*	2.001	-	1.001	*3.002*	-	-	-	*0*	**40.022**
Notre Dame	14.005	8.003	5.004	*27.012*	1	-	-	*1*	-	1.001	-	*1.001*	-	1	2.002	*3.002*	-	-	-	*0*	**32.015**
Utah St	8.002	3.001	9.004	*20.007*	-	-	-	*0*	-	1.001	-	*1.001*	-	1.001	-	*1.001*	-	-	1.001	*1.001*	**23.010**
SUNY Binghamton	14.003	5.003	6.001	*25.007*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	-	1.001	-	*1.001*	**27.009**
Columbia	15.005	-	-	*15.005*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.005**
Colorado St	13.004	6.004	8.004	*27.012*	-	-	-	*0*	1	1.001	1.001	*3.002*	1	-	-	*1*	-	-	-	*0*	**31.014**
Rhode Island	19.005	2.002	5.003	*26.010*	-	1.001	-	*1.001*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**28.012**
Wayne St	15.004	12.004	8.004	*35.012*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	-	*0*	**36.013**
Northeastern	6.002	7	3	*16.002*	-	2.001	-	*2.001*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**19.004**
UC Irvine	12.007	7.007	3.002	*22.016*	-	1.001	-	*1.001*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**24.017**
SUNY Stony Brook	14.005	8.005	3.001	*25.011*	-	-	2.001	*2.001*	-	1.001	1	*2.001*	1.001	-	1.001	*2.002*	-	-	-	*0*	**31.015**
Delaware	14.003	6.002	5.004	*25.009*	1	-	-	*1*	-	1	-	*1*	-	-	1.001	*1.001*	-	-	-	*0*	**28.010**
Georgia Tech	12.004	3.001	3	*18.005*	-	1.001	-	*1.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**19.006**
Brandeis	9.002	2	5.001	*16.003*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**17.003**
South Florida	23.006	1	10.003	*34.009*	-	1	-	*1*	-	1.001	-	*1.001*	1	-	-	*1*	-	-	-	*0*	**37.010**
Louisville	12.005	6.002	3.002	*21.009*	-	-	1	*1*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**23.009**
Syracuse	11.003	7.001	3.002	*21.006*	-	1.001	2.002	*3.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**24.009**
UC Santa Barbara	17.006	5	8.003	*30.009*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**31.010**
Alabama	11.001	9.005	2.001	*22.007*	-	2.002	-	*2.002*	-	-	1.001	*1.001*	-	-	-	*0*	-	-	-	*0*	**25.010**
Virginia Tech	7	10.004	1.001	*18.005*	1	-	-	*1*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**20.006**
George Mason	14.006	8.002	10.004	*32.012*	-	-	-	*0*	-	1	1.001	*2.001*	1	-	-	*1*	-	-	-	*0*	**35.013**
Howard**	5.001	-	3.003	*8.004*	6.002	2.001	2.002	*10.005*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**19.009**
DePaul	9.004	7.004	5.004	*21.012*	1.001	-	-	*1.001*	-	-	5.003	*5.003*	-	1.001	-	*1.001*	-	-	-	*0*	**28.017**
Utah	15.006	7.005	7.004	*29.015*	-	1	-	*1*	-	-	-	*0*	1	2.001	1	*4.001*	-	-	-	*0*	**34.016**
Texas A&M	13.001	6.003	10.006	*29.010*	1	-	-	*1*	1	-	1.001	*2.001*	1.001	-	2.001	*3.002*	-	-	-	*0*	**35.013**
Brown**	9.004	4.002	1	*14.006*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**14.006**
Florida International	13.006	3.002	7.003	*23.011*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**24.011**
Emory	18.004	5.004	4.002	*27.010*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**28.010**
Rush	2.002	1	13.009	*16.011*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.011**
CUNY Herbert Lehman	3.001	6.003	2	*11.004*	-	-	1.001	*1.001*	-	1	-	*1*	-	1.001	-	*1.001*	-	-	-	*0*	**14.006**
Denver	9.002	3.002	5.005	*17.009*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	**18.009**
Texas Christian	10	1	1.001	*12.001*	-	-	-	*0*	-	-	-	*0*	-	1.001	1.001	*2.002*	-	-	-	*0*	**14.003**
Missouri Kansas City	2	7.006	6.004	*15.010*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.010**
Psychology Total	637.183	294.130	255.130	*1186.443*	18.006	23.012	11.008	*52.026*	4.001	14.009	14.009	*32.019*	16.005	12.008	23.013	*51.026*	0	1.001	5.003	*6.004*	**1327.518**
Percent within race	54%	25%	22%	*100%*	35%	44%	21%	*100%*	12%	44%	44%	*100%*	31%	24%	45%	*100%*	0%	17%	83%	*100%*	
Percent of grand total	48.0%	22.2%	19.2%	*89.4%*	1.4%	1.7%	0.8%	*3.9%*	0.3%	1.1%	1.1%	*2.4%*	1.2%	0.9%	1.7%	*3.8%*	0%	0.1%	0.4%	*0.5%*	**100%**
Females in column	28.7%	44.2%	51.0%	37.4%	33.3%	52.2%	72.7%	50.0%	25.0%	64.3%	64.3%	59.4%	31.2%	66.7%	56.5%	51.0%	0%	100%	60.0%	66.7%	39.0%

*By psychology research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 14. Tenured/Tenure Track Faculty at the Top 50 Biological Sciences Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Baylor C Medicine	35.0008	21.0010	9.0004	*65.0022*	-	-	-	*0*	1	-	-	*1*	5.0001	9	11.0002	*25.0003*	-	-	-	*0*	**91.0025**
Washington St Louis	15.0004	3.0001	3.0002	*21.0007*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**23.0007**
Pennsylvania	42.0006	13.0005	16.0005	*71.0016*	1.0001	-	-	*1.0001*	-	-	-	*0*	5.0001	1	3.0001	*9.0002*	-	-	-	*0*	**81.0019**
Rockefeller	53.0006	8.0002	4.0001	*65.0009*	-	-	-	*0*	-	-	-	*0*	2	2	2	*6*	-	-	-	*0*	**71.0009**
Johns Hopkins	23.0004	5.0002	3	*31.0006*	-	-	1	*1*	3	-	-	*3*	2.0001	-	3.0002	*5.0003*	-	-	-	*0*	**40.0009**
Wisconsin**	12.0002	4.0002	6.0003	*22.0007*	-	-	-	*0*	-	-	-	*0*	-	1.0001	-	*1.0001*	-	-	-	*0*	**23.0008**
North Carolina Chapel Hill	60.0013	13.0003	20.0008	*93.0024*	-	2.0001	-	*2.0001*	-	-	-	*0*	6.0001	3	4.0002	*13.0003*	-	-	-	*0*	**108.0028**
UT MDA Cancer Ctr.**	21.0003	13.0002	8.0002	*42.0007*	-	-	-	*0*	-	-	-	*0*	4.0002	6.0002	15.0002	*25.0006*	-	-	-	*0*	**67.0013**
UT SW Med Ctr Dallas	43.0005	16.0002	25.0009	*84.0016*	-	1.0001	-	*1.0001*	1	-	3.0003	*4.0003*	5.0001	6.0002	14.0005	*25.0008*	-	-	-	*0*	**114.0028**
UC Davis**	39.0010	13.0006	15.0004	*67.0020*	-	-	-	*0*	-	-	-	*0*	5.0001	2.0001	2.0001	*9.0003*	-	-	-	*0*	**76.0023**
Columbia NY	51.0012	12.0002	24.0011	*87.0025*	-	-	-	*0*	-	-	-	*0*	4.0002	4.0001	4	*12.0003*	-	-	-	*0*	**99.0028**
Vanderbilt	51.0010	10.0003	32.0011	*93.0024*	-	1	-	*1*	-	-	2.0001	*2.0001*	-	2	3	*5*	-	-	-	*0*	**101.0025**
Yale	87.0017	39.0016	46.0019	*172.0052*	1	1	2.0001	*4.0001*	1	1.0001	1	*3.0001*	6	10.0004	9.0004	*25.0008*	-	-	-	*0*	**204.0062**
Michigan	32.0004	13.0006	20.0010	*65.0020*	-	-	-	*0*	-	1.0001	-	*1.0001*	3	5.0001	4	*12.0001*	-	-	-	*0*	**78.0022**
MIT	56.0014	7.0002	12.0005	*75.0021*	1	-	-	*1*	-	-	1	*1*	8.0001	1	2	*11.0001*	-	-	1.0001	*1.0001*	**89.0023**
Nebraska	16.0003	12.0003	13.0004	*41.0010*	-	-	1	*1*	-	1	-	*1*	4	4.0002	3.0001	*11.0003*	-	-	-	*0*	**54.0013**
Lousiana State	26.0004	14.0003	13.0003	*53.0010*	-	-	-	*0*	-	-	1	*1*	-	3	3	*6*	-	-	-	*0*	**60.0010**
Alabama Birmingham	23.0004	16.0004	13.0006	*52.0014*	-	-	1	*1*	-	1.0001	1	*2.0001*	1.0001	2	5.0002	*8.0003*	-	-	-	*0*	**63.0018**
Michigan State	77.0015	23.0007	23.0009	*123.0031*	2	-	2.0001	*4.0001*	2	1	-	*3*	4	3.0001	3.0001	*10.0002*	-	1	-	*1*	**141.0034**
SUNY Albany	11.0001	5.0001	3.0002	*19.0004*	-	-	-	*0*	-	1	-	*1.*	1.0001	-	5	*6.0001*	-	-	-	*0*	**26.0005**
U. TX Medical Branch	175.0033	97.0036	50.0020	*322.0089*	6.0001	4.0003	4	*14.0004*	10.0002	6.0001	9.0002	*25.0005*	33.0010	20.0005	25.0007	*78.0022*	-	-	-	*0*	**439.0120**
Tufts	18.0004	8.0002	3.0001	*29.0007*	-	-	1.0001	*1.0001*	1	-	-	*1*	1.0001	-	1	*2.0001*	-	-	-	*0*	**33.0009**
U. CA, Irvine	52.0008	13.0003	14.0007	*79.0018*	1	-	-	*1*	2	1.0001	4.0003	*7.0004*	6.0002	2	8.0003	*16.0005*	-	1.0001	-	*1.0001*	**104.0028**
Washington	43.0008	14.0007	6.0004	*63.0019*	-	-	-	*0*	1	1	2.0001	*4.0001*	2.0001	1.0001	4.0002	*7.0004*	-	-	-	*0*	**74.0024**
Ohio State	30.0006	32.0006	15.0008	*77.0020*	-	-	2.0001	*2.0001*	-	-	1	*1*	4	5.0001	2	*11.0001*	-	-	-	*0*	**91.0022**
Northwestern	11.0001	2.0001	1	*14.0002*	-	-	-	*0*	-	1.0001	-	*1.0001*	-	1	1	*2*	-	-	-	*0*	**17.0003**
Georgia	75.0012	27.0008	23.0005	*125.0025*	1	-	-	*1*	2.0001	-	-	*2.0001*	2	2.0001	4.0002	*8.0003*	-	-	-	*0*	**136.0029**
Mt. Sinai School of Med**	11	2	6.0004	*19.0004*	-	-	-	*0*	-	-	2.0001	*2.0001*	1	1.0001	3	*5*	-	-	-	*0*	**26.0006**
Oregon Health & Sci	14.0003	9.0004	6.0002	*29.0009*	-	-	-	*0*	-	-	-	*0*	-	1	5.0003	*6.0003*	-	-	-	*0*	**35.0012**
U. of Med and Dent NJ	30.0009	11.0004	9.0004	*50.0017*	-	1.0001	-	*1.0001*	-	-	2	*2*	4	5	7.0003	*16.0003*	-	-	1	*1*	**70.0021**
Indiana**	32.0007	16.0001	18.0004	*66.0012*	-	-	1.0001	*1.0001*	1	-	-	*1*	2	2.0001	8.0003	*12.0004*	-	-	-	*0*	**80.0017**
Cornell	158.0023	75.0024	19.0006	*252.0053*	2.0001	2	-	*4.0001*	-	2	-	*2*	4	4	4	*12*	-	1	-	*1*	**271.0054**
Arizona	36.0003	16.0007	13.0007	*65.0017*	-	-	-	*0*	2	2	-	*4*	-	-	-	*0*	1	-	-	*1*	**70.0017**
North Carolina State	44.0006	18.0002	23.0011	*85.0019*	1	-	1.0001	*2.0001*	-	-	-	*0*	1	3.0001	1	*5.0001*	-	-	-	*0*	**92.0021**
Cincinnati	87.0014	34.0011	22.0007	*143.0032*	-	1	-	*1*	2	-	-	*2*	20.0003	10.0001	4	*34.0004*	-	-	-	*0*	**180.0036**
Duke	30.0003	16.0004	8.0004	*54.0011*	-	-	-	*0*	1	-	3	*4*	3.0003	-	3	*6.0003*	-	-	-	*0*	**64.0014**
Chicago	47.0007	26.0008	23.0009	*96.0024*	-	-	-	*0*	2	1.0001	1	*4.0001*	9.0002	7.0002	2	*18.0004*	-	-	-	*0*	**118.0029**
Kansas	27.0005	17.0003	4.0001	*48.0009*	-	-	-	*0*	-	1.0001	-	*1.0001*	1	-	-	*1*	-	1	-	*1*	**51.0010**
Case Western Reserve	3.0001	2.0001	5.0001	*10.0003*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**11.0003**
Minnesota	94.0028	22.0009	2.0002	*118.0039*	-	-	-	*0*	1	1	-	*2*	5.0001	7.0002	1	*13.0003*	1	-	-	*1*	**134.0042**
SUNY Stony Brook	35.0007	7.0005	4.0001	*46.0013*	1	-	-	*1*	1	-	-	*1*	-	-	1	*1*	-	-	-	*0*	**49.0013**
Virginia	18.0001	7.0004	2	*27.0005*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**28.0005**
Kentucky	23.0006	20.0006	5.0001	*48.0013*	-	1	-	*1*	-	-	-	*0*	2	2	1	*5*	-	1	-	*1*	**55.0013**
Harvard	73.0010	20.0005	14.0003	*107.0018*	1	-	-	*1*	-	1.0001	-	*1.0001*	8.0003	3.0001	6.0003	*17.0007*	-	-	-	*0*	**126.0026**
Illinois Urb Champ	60.0007	17.0006	29.0011	*106.0024*	-	-	-	*0*	-	2.0001	4	*6.0001*	2.0001	6.0002	5	*13.0003*	-	-	-	*0*	**125.0028**
SUNY Buffalo	13.0002	6.0001	7.0003	*26.0006*	-	-	-	*0*	-	-	1	*1*	1	-	2	*3*	-	-	-	*0*	**30.0006**
Iowa	25.0004	13.0005	13.0002	*51.0011*	-	-	-	*0*	-	-	-	*0*	9	3.0002	-	*12.0002*	-	-	-	*0*	**63.0013**
Connecticut	35.0005	27.0009	9.0004	*71.0018*	-	-	-	*0*	-	-	2.0001	*2.0001*	1	2.0001	-	*3.0001*	-	-	-	*0*	**76.0020**
Illinois Chicago	14.0005	8.0004	1	*23.0009*	-	-	-	*0*	1	3.0002	-	*4.0002*	-	-	1.0001	*1.0001*	1	-	-	*1*	**29.0012**
U. CA, San Diego	35.0002	12.0003	17.0017	*64.0022*	-	-	3.0001	*3.0001*	4	-	-	*4*	7	5	5.0001	*17.0001*	-	-	-	*0*	**88.0024**
Biological Sci Total	2121.0375	854.0271	679.0267	*3654.0913*	18.0003	14.0006	19.0007	*51.0016*	39.0003	28.0012	40.0012	*107.0027*	196.0040	156.0037	200.0051	552.0128	3	5.0001	2.0001	*10.0002*	**4374.1086**
Percent within race	58%	23%	19%	*100%*	35%	27%	37%	*100%*	36%	26%	37%	*100%*	36%	28%	36%	*100%*	30%	50%	20%	*100%*	
Percent of grand total	48.5%	19.5%	15.5%	*83.5%*	0.4%	0.3%	0.4%	*1.2%*	0.9%	0.6%	0.9%	*2.4%*	4.5%	3.6%	4.6%	*12.6%*	0.1%	0.1%	0.0%	*0.2%*	**100%**
Females in column	17.7%	31.7%	39.3%	25.0%	16.7%	42.9%	36.8%	31.4%	7.7%	42.9%	30.0%	25.2%	20.4%	23.7%	25.5%	23.2%	0%	20.0%	50.0%	20.0%	24.8%

*By biological sciences research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 14-B. Tenured/Tenure Track Faculty at Biological Sciences Departments No. 51-100 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Rutgers	102.0015	39.0012	14.0003	*155.0030*	1	-	-	*1*	1	1.0001	1	*3.0001*	18.0004	4.0002	7.0003	*29.0009*	-	-	-	*0*	**188.0040**
Florida	99.0011	38.0012	44.0012	*181.0035*	2.0001	5.0001	2.0001	*9.0003*	4	3	2	*9*	4	4	6.0001	*14.0001*	-	-	-	*0*	**213.0039**
MA Worcester**	24.0009	16.0003	15.0007	*55.0019*	-	2.0001	-	*2.0001*	-	-	1	*1*	2	-	2	*4*	-	-	-	*0*	**62.0020**
U. CA Berkeley	80.0018	12.0004	23.0009	*115.0031*	1	-	-	*1*	2.0001	-	-	*2.0001*	10.0001	3.0001	5.0001	*18.0003*	-	-	-	*0*	**136.0035**
Emory	15.0002	11.0002	4.0001	*30.0005*	1	-	-	*1*	-	1	-	*1*	1	1	4.0001	*6.0001*	-	-	-	*0*	**38.0006**
Thomas Jefferson	4	2.0001	-	*6.0001*	-	-	-	*0*	-	-	-	*0*	-	2	-	*2*	-	-	-	*0*	**8.0001**
Colorado	42.0009	14.0003	19.0005	*75.0017*	1	-	-	*1*	1	-	1	*2*	2	4.0001	-	*6.0001*	-	-	-	*0*	**84.0018**
Rochester	11.0001	9.0005	20.0003	*40.0009*	-	-	-	*0*	-	-	-	*0*	3	5.0002	4.0002	*12.0004*	-	-	-	*0*	**52.0013**
Washington State	30.0003	15.0005	11.0003	*56.0011*	-	-	-	*0*	-	-	-	*0*	4.0002	1	1	*6.0002*	-	-	-	*0*	**62.0013**
New York	24.0004	16.0003	13.0002	*53.0009*	-	-	-	*0*	1	-	-	*1*	2.0001	3.0002	1.0001	*6.0004*	-	-	-	*0*	**60.0013**
Tennessee	15.0004	5	11.0002	*31.0006*	-	-	1.0001	*1.0001*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**33.0007**
TX HS, San Antonio**	27.0007	8.0006	14.0006	*49.0019*	-	-	1	*1*	-	-	-	*0*	2	2.0001	9.0003	*13.0004*	-	-	-	*0*	**63.0023**
Medical U. South Carolina	33.0004	16.0006	32.0028	*81.0038*	-	1	-	*1*	-	-	-	*0*	8.0002	2.0001	4.0001	*14.0004*	-	-	-	*0*	**96.0042**
Maryland Baltimore	15.0002	17.0004	10.0002	*42.0008*	2	-	-	*2*	1	-	-	*1*	1	2.0001	6	*9.0001*	-	-	-	*0*	**54.0009**
Iowa State	84.0005	45.0012	28.0010	*157.0027*	-	1	-	*1*	3.0001	1	2.0001	*6.0002*	4.0001	5.0001	2	*11.0002*	-	1	-	*1*	**176.0031**
Yeshiva	11.0001	5.0005	10.0005	*26.0011*	-	-	-	*0*	1	-	-	*1*	2	-	2	*4*	-	-	-	*0*	**31.0011**
Missouri Columbia	16.0002	10.0002	6.0002	*32.0006*	-	-	1	*1*	1.0001	-	2.0001	*3.0002*	1	1	2.0001	*4.0001*	-	-	-	*0*	**40.0009**
Cal Tech	28.0008	1	4.0001	*33.0009*	1	-	-	*1*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**37.0009**
UC San Francisco	54.0017	12.0002	13.0002	*79.0021*	-	-	-	*0*	2	-	-	*2*	4	3	5.0001	*12.0001*	-	-	-	*0*	**93.0022**
TX HS, Houston	11.0002	4.0001	3.0001	*18.0004*	-	-	-	*0*	-	-	-	*0*	1	1	2.0001	*4.0001*	-	-	-	*0*	**22.0005**
Medical C. Wisconsin**	22.0005	16.0006	12.0005	*50.0016*	-	-	-	*0*	-	-	1.0001	*1.0001*	5.0001	2	4.0001	*11.0002*	-	-	-	*0*	**62.0019**
Pennsylvania State	30.0006	13.0001	15.0006	*58.0013*	1	1	1	*3*	-	-	-	*0*	5	3	6.0001	*14.0001*	-	-	-	*0*	**75.0014**
Purdue	28.0004	6.0002	7.0002	*41.0008*	-	-	-	*0*	-	-	2	*2*	1	1	8.0002	*10.0002*	-	-	-	*0*	**53.0010**
Utah	8.0002	4.0002	5.0001	*17.0005*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	-	-	-	*0*	**19.0005**
Oregon State	21.0003	11.0006	8.0005	*40.0014*	-	-	-	*0*	2	-	1	*3*	1	1	4.0001	*6.0001*	-	-	-	*0*	**49.0015**
Virginia Commonwealth	8	14.0004	9.0004	*31.0008*	-	-	1.0001	*1.0001*	-	1	2.0002	*3.0002*	-	2	2.0001	*4.0001*	-	-	-	*0*	**39.0012**
Princeton	12.0002	3.0001	1.0001	*16.0004*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.0004**
Medical C. Georgia	9.0002	4.0002	6.0002	*19.0006*	-	-	-	*0*	-	3	-	*3*	1	-	5.0003	*6.0003*	-	-	-	*0*	**28.0009**
Oklahoma	21.0005	12.0003	15.0005	*48.0013*	-	-	-	*0*	1	1	-	*2*	3	-	2	*5*	1.0001	2	-	*3.0001*	**58.0014**
Texas A&M	17.0002	12.0002	12.0003	*41.0007*	-	-	-	*0*	-	1	1	*2*	-		2.0001	*2.0001*	-	-	-	*0*	**45.0008**
Vermont	16.0004	19.0007	9.0002	*44.0013*	-	-	-	*0*	1	-	3.0001	*4.0001*	-	-	3	*3*	-	-	-	*0*	**51.0014**
New Mexico	21.0003	5	7.0001	*33.0004*	-	-	-	*0*	1.0001	1.0001	1.0001	*3.0003*	-	-	-	*0*	-	-	-	*0*	**36.0007**
Arkansas	53.0002	13.0003	2.0001	*68.0006*	-	-	-	*0*	-	-	-	*0*	-	3.0002	3	*6.0002*	-	1	-	*1*	**75.0008**
Colorado State	36.0009	17.0009	19.0008	*72.0026*	3	-	-	*3*	-	-	3	*3*	2	-	4.0001	*6.0001*	-	-	-	*0*	**84.0027**
Brandeis	11.0005	4.0001	3.0001	*18.0007*	-	-	-	*0*	-	-	-	*0*	1.0001	2.0001	-	*3.0002*	-	-	-	*0*	**21.0009**
Kansas State	25.0003	13.0004	14.0005	*52.0012*	-	-	-	*0*	1	-	4.0003	*5.0003*	5	4	1	*10*	-	-	-	*0*	**67.0015**
Miami	21.0003	8.0001	8.0005	*37.0009*	-	-	-	*0*	2	-	-	*2*	3	5	3	*11*	-	-	-	*0*	**50.0009**
Nevada Reno	10.0001	9.0003	7.0001	*26.0005*	-	-	-	*0*	-	1	1.0001	*2.0001*	-	1	1	*2*	-	1	-	*1*	**31.0006**
UT Austin	71.0012	18.0004	26.0007	*115.0023*	-	-	-	*0*	-	2	2	*4*	3.0001	2	10.0004	*15.0005*	-	-	-	*0*	**134.0028**
Arizona State**	52.0004	33.0011	27.0007	*112.0022*	-	-	-	*0*	1	1	-	*2*	2	4.0002	8.0001	*14.0003*	-	-	-	*0*	**128.0025**
New York Medical C.	7.0002	2.0001	-	*9.0003*	-	-	-	*0*	-	-	-	*0*	6.0002	-	1	*7.0002*	-	-	-	*0*	**16.0005**
SUNY HS Ctr. Brooklyn	9.0004	4.0001	6.0003	*19.0008*	-	-	-	*0*	-	-	1	*1*	-	1	-	*1*	-	-	-	*0*	**21.0008**
Meharry Medical C.	2.0001	1.0001	1.0001	*4.0003*	4	8.0002	4.0002	*16.0004*	2	-	-	*2*	6	1	5.0003	*12.0003*	-	-	-	*0*	**34.0010**
Georgetown	17.0004	10.0004	5.0004	*32.0012*	-	-	-	*0*	-	1	1.0001	*2.0001*	3.0002	1	2	*6.0002*	-	-	-	*0*	**40.0015**
Oklahoma State	22.0005	9.0001	7.0004	*38.0010*	-	1	-	*1*	1	-	-	*1*	1	-	1	*2*	-	-	-	*0*	**42.0010**
Tulane	11.0001	7.0003	5.0002	*23.0006*	-	1	-	*1*	-	-	-	*0*	1	-	1	*2*	-	-	-	*0*	**26.0006**
Temple**	14.0002	4.0002	3	*21.0004*	-	-	-	*0*	-	-	-	*0*	2	-	2	*4*	-	-	-	*0*	**25.0004**
Drexel	22.0007	12.0003	14.0007	*48.0017*	-	-	-	*0*	-	-	-	*0*	-	2.0002	-	*2.0002*	-	-	-	*0*	**50.0019**
Stanford	78.0016	16.0005	19.0009	*113.0030*	-	1	1	*2*	1	-	1	*2*	6.0001	-	6	*12.0001*	-	-	-	*0*	**129.0031**
Maryland Biotech Inst**	12.0001	7.0001	2	*21.0002*	-	-	-	*0*	-	-	-	*0*	2	3.0001	3.0001	*8.0002*	-	-	-	*0*	**29.0004**
Biological Sci Total	1411.0244	601.0182	568.0206	*2580.0632*	17.0001	21.0004	12.0005	*50.0010*	31.0004	18.0002	34.0012	*83.0018*	130.0019	81.0020	151.0036	*362.0075*	1.0001	5	0	*6.0001*	**3081.0736**
Percent within race	55%	23%	22%	*100%*	34%	42%	24%	*100%*	37%	22%	41%	*100%*	36%	22%	42%	*100%*	17%	83%	0%	*100%*	
Percent of grand total	45.8%	19.5%	18.4%	*83.7%*	0.6%	0.7%	0.4%	*1.6%*	1.0%	0.6%	1.1%	*2.7%*	4.2%	2.6%	4.9%	*11.7%*	0.0%	0.2%	0%	*0.2%*	**100%**
Females in column	17.3%	30.3%	36.3%	24.5%	5.9%	19.0%	41.7%	20.0%	12.9%	11.1%	35.3%	21.7%	14.6%	24.7%	23.8%	20.7%	100%	0%	0%	16.7%	23.9%

*By biological sciences research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At at least some data are from sources other than department chair. Reference:"The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 15. Tenured/Tenure Track Faculty at the Top 50 Earth Sciences Departments by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

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*	
Colorado	10.003	5	5.004	*20.007*	-	-	-	*0*	1	-	1	*2*	-	-	1.001	*1.001*	-	-	-	*0*	**23.008**
Colorado St	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**2**
Illinois Urb Champaign	37.004	22.002	9.002	*68.008*	-	-	-	*0*	-	2	4.001	*6.001*	-	2.001	-	*2.001*	-	-	-	*0*	**76.010**
UC San Diego	75.010	3.002	5.001	*83.013*	-	-	-	*0*	2	-	-	*2*	5	-	2.002	*7.002*	-	-	-	*0*	**92.015**
Woods Hole Ocean Inst	10.003	12.004	1	*23.007*	-	-	-	*0*	-	1	-	*1*	-	-	1	*1*	-	-	-	*0*	**25.007**
UT Austin	25.001	5	2	*32.001*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	1	*1*	**35.001**
Pennsylvania St	17.002	6	8.003	*31.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**31.005**
MD Baltimore County	1	5.001	3.001	*9.002*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**10.003**
New Hampshire	4.001	3.001	5.001	*12.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.003**
NC Chapel Hill	18.001	2.001	4	*24.002*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**25.002**
Nevada Las Vegas	-	3.002	2	*5.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**5.002**
Kansas	10.001	8.002	2	*20.003*	-	1	-	*1*	-	1	-	*1*	-	-	1	*1*	-	-	-	*0*	**23.003**
California Tech	23.002	4	7.003	*34.005*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**36.005**
Stanford	31.005	7.001	5.002	*43.008*	1	-	-	*1*	-	-	-	*0*	2	-	1.001	*3.001*	-	-	-	*0*	**47.009**
Alaska Fairbanks	2.001	1	1	*4.001*	-	-	-	*0*	-	-	-	*0*	-	1.001	-	*1.001*	-	-	-	*0*	**5.002**
Southern California	15.001	3	1	*19.001*	-	-	-	*0*	-	-	-	*0*	2	-	-	*2*	-	-	-	*0*	**21.001**
Hawaii Manoa	11	5.002	1.001	*17.003*	-	-	-	*0*	1	-	-	*1*	-	1	-	*1*	-	-	-	*0*	**19.003**
Arizona St	7.001	5.002	6.001	*18.004*	-	-	-	*0*	1	-	-	*1*	-	-	1	*1*	-	-	-	*0*	**20.004**
Maine	12	3.001	1	*16.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.001**
MIT	29.003	2.001	2	*33.004*	1	-	-	*1*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**35.004**
Desert Research Inst**	2	5.001	4	*11.001*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**13.001**
George Mason	1	2.001	2.001	*5.002*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**6.002**
Florida St	3	7	1.001	*11.001*	-	-	-	*0*	-	-	-	*0*	-	2.001	1	*3.001*	1	-	-	*1*	**15.002**
UC Berkeley	17.003	2.001	1	*20.004*	-	-	-	*0*	-	-	-	*0*	2.001	-	-	*2.001*	-	-	-	*0*	**22.005**
Arizona	15.001	6.001	3.001	*24.003*	-	-	-	*0*	1	-	-	*1*	2	-	-	*2*	-	-	-	*0*	**27.003**
Washington**	19.002	4.001	2	*25.003*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**26.003**
Michigan**	19.004	11.003	6.003	*36.010*	1	1.001	-	*2.001*	1.001	-	-	*1.001*	-	1	-	*1*	-	-	-	*0*	**40.012**
South Carolina	9	3	6.002	*18.002*	-	-	-	*0*	-	2.001	-	*2.001*	2	1	1	*4*	-	1	-	*1*	**25.003**
SUNY Stony Brook	10.001	-	2.001	*12.002*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**14.002**
Oklahoma	21	14.002	3	*38.002*	-	1	-	*1*	-	-	-	*0*	3.001	2	-	*5.001*	-	-	-	*0*	**44.003**
Georgia Tech	8.002	6.001	8.002	*22.005*	-	-	-	*0*	-	-	-	*0*	-	3.001	1	*4.001*	-	-	-	*0*	**26.006**
West Virginia	15.002	4	4.003	*23.005*	-	-	1	*1*	-	1	-	*1*	1	1	-	*2*	-	-	-	*0*	**27.005**
MD College Park	17.001	8.002	8.002	*33.005*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	-	-	-	*0*	**34.005**
NM Mine and Tech	9	5.001	2.001	*16.002*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	-	-	-	*0*	**17.002**
Utah St	3	4.001	2.001	*9.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9.002**
Minnesota**	13.002	2.001	4.001	*19.004*	-	-	-	*0*	-	-	-	*0*	2.001	-	1	*3.001*	-	-	-	*0*	**22.005**
Virginia Tech	13.002	7.001	-	*20.003*	-	-	-	*0*	-	-	-	*0*	1	1.001	-	*2.001*	-	-	-	*0*	**22.004**
Louisiana St	8.001	1.001	4.001	*13.003*	-	1	-	*1*	-	1	-	*1*	2.001	-	1	*3.001*	-	-	-	*0*	**18.004**
Brown**	11.003	2	5.002	*18.005*	-	-	-	*0*	-	-	-	*0*	-	2	-	*2*	-	-	-	*0*	**20.005**
Iowa St	19	3.001	4.001	*26.002*	-	1	-	*1*	1	-	-	*1*	1	1	1	*3*	-	-	-	*0*	**31.002**
UCLA**	22.001	2.001	5.001	*29.003*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**30.003**
Wisconsin Madison	15.004	2	2	*19.004*	-	-	-	*0*	-	-	-	*0*	1	1.001	1	*3.001*	-	-	-	*0*	**22.005**
Indiana	2	4.002	2	*8.002*	-	-	1	*1*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**10.002**
Nevada Reno	15	2.002	-	*17.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**17.002**
Ohio St	15	10.003	6.003	*31.006*	-	-	-	*0*	-	-	1	*1*	2	1	-	*3*	-	-	-	*0*	**35.006**
Princeton	14.002	-	3.001	*17.003*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**18.003**
Chicago**	13	1	6.002	*20.002*	-	-	-	*0*	-	-	-	*0*	1	1	-	*2*	-	-	-	*0*	**22.002**
Washington St. Louis	10.001	4	2.002	*16.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**16.003**
UC Riverside	9.001	3	3.001	*15.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**15.002**
Missouri Rolla	4	6.002	1	*11.002*	2.001	1	-	*3.001*	-	-	-	*0*	-	2.001	1	*3.001*	-	-	-	*0*	**17.004**
Earth Sciences Total	688.072	234.051	172.052	*1094.175*	5.001	6.001	2	*13.002*	9.001	8.001	8.001	*25.003*	35.004	28.007	20.005	*83.016*	1	1	1	*3*	**1218.196**
Percent within race	63%	21%	16%	*100%*	38%	46%	15%	*100%*	36%	32%	32%	*100%*	42%	34%	24%	*100%*	33%	33%	33%	*100%*	
Percent of grand total	56.5%	19.2%	14.1%	*89.8%*	0.4%	0.5%	0.2%	*1.1%*	0.7%	0.7%	0.7%	*2.1%*	2.9%	2.3%	1.6%	*6.8%*	0.1%	0.1%	0.1%	*0.2%*	**100%**
Females in column	10.5%	21.8%	30.2%	16.0%	20.0%	16.7%	0%	15.4%	11.1%	12.5%	12.5%	12.0%	11.4%	25.0%	25.0%	19.3%	0%	0%	0%	0%	16.1%

*By earth sciences research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html

Table 15-B. Tenured/Tenure Track Faculty at Earth Sciences Departments No. 51-90 by Race/Ethnicity, by Gender, and by Rank (FY 2007)*

	White				Black				Hispanic				Asian				Native American				Total
University	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	Full	Assoc	Asst	*Tot*	
Memphis	8.001	3	2.002	*13.003*	-	-	-	*0*	-	-	1	*1*	2	-	-	*2*	-	-	-	*0*	**16.003**
UC Santa Barbara	16.003	3	1.001	*20.004*	-	-	-	*0*	1	-	-	*1*	1	-	1	*2*	-	-	-	*0*	**23.004**
Maryland Ctr Env. Sci**	27.003	8.002	10.005	*45.010*	-	-	-	*0*	-	-	-	*0*	1	1	2	*4*	-	-	-	*0*	**49.010**
Cornell	15.004	3	2.001	*20.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	**21.005**
Georgia	11.001	6.002	1	*18.003*	1	-	-	*1*	1	-	-	*1*	-	-	-	*0*	1	-	-	*1*	**21.003**
Houston	12.001	6.001	4	*22.002*	-	-	-	*0*	-	-	-	*0*	-	2	3.001	*5.001*	-	-	-	*0*	**27.003**
Florida	12	12.004	7.001	*31.005*	-	1.001	-	*1.001*	-	-	1.001	*1.001*	-	-	1	*1*	-	-	-	*0*	**34.007**
Toledo	8.001	8.001	7.003	*23.005*	-	-	-	*0*	-	-	-	*0*	1	-	-	*1*	-	-	-	*0*	**24.005**
Wyoming	10.003	3	3.001	*16.004*	-	-	-	*0*	-	-	-	*0*	-	-	1.001	*1.001*	-	-	-	*0*	**17.005**
Texas A&M	21.002	6.001	7.003	*34.006*	-	-	-	*0*	2	1	-	*3*	1	-	1	*2*	-	-	-	*0*	**39.006**
Nebraska	15.002	5	4.001	*24.003*	-	-	-	*0*	-	-	-	*0*	-	1	-	*1*	-	-	-	*0*	**25.003**
UC Santa Cruz**	16.004	1	3.001	*20.005*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**21.005**
Utah	14.001	5.001	2.001	*21.003*	-	-	-	*0*	-	-	-	*0*	1.001	-	-	*1.001*	-	-	-	*0*	**22.004**
South Florida	4	4.001	6.001	*14.002*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**15.002**
North Dakota	2	5	2	*9*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**11**
Idaho	3	2.001	3	*8.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.001**
UC Davis	21.004	-	4.003	*25.007*	-	-	-	*0*	1.001	-	-	*1.001*	-	1	1	*2*	-	-	-	*0*	**28.008**
Harvard	20	1.001	2	*23.001*	-	-	-	*0*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	2.001	*2.001*	**27.003**
Stevens Inst of Tech**	6	2	-	*8*	-	-	-	*0*	-	-	-	*0*	-	1	1	*2*	-	-	-	*0*	**10**
Mississippi St	4	3	7.003	*14.003*	-	-	-	*0*	-	-	-	*0*	-	-	2	*2*	-	-	-	*0*	**16.003**
Johns Hopkins	12.001	-	1	*13.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**13.001**
Duke	9.002	2	-	*11.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**11.002**
Tennessee	7	5.001	2	*14.001*	-	-	-	*0*	1.001	-	-	*1.001*	-	-	-	*0*	-	-	-	*0*	**15.002**
Oregon St	8.002	6.001	2.001	*16.004*	2.001	-	-	*2.001*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	**19.005**
Rutgers	15.003	4	1	*20.003*	-	-	-	*0*	-	-	-	*0*	-	-	2.001	*2.001*	-	-	-	*0*	**22.004**
Florida International**	5.001	2.001	3.001	*10.003*	1	-	-	*1*	-	-	-	*0*	2	-	1	*3*	-	-	-	*0*	**14.003**
Puerto Rico Mayaguez	2	1	2	*5*	-	-	-	*0*	-	3	4.001	*7.001*	-	-	1	*1*	-	-	-	*0*	**13.001**
Michigan Tech	8.002	2	-	*10.002*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**10.002**
Delaware	5	5.003	2	*12.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**12.003**
Rhode Island	5	2.001	1	*8.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**8.001**
Purdue	2	4.002	2	*8.002*	-	-	1	*1*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**10.002**
Texas Tech	5.001	4.001	3	*12.002*	-	-	-	*0*	-	1	-	*1*	1	2	1	*4*	-	-	-	*0*	**17.002**
San Jose St	7.002	2.001	-	*9.003*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**9.003**
C William & Mary	34.005	13.003	6.002	*53.010*	-	-	-	*0*	1	1.001	-	*2.001*	1	1	1	*3*	-	-	-	*0*	**58.011**
Connecticut	13.001	6.001	4.002	*23.004*	-	-	-	*0*	1	1	-	*2*	-	1	-	*1*	-	-	-	*0*	**26.004**
Southern Mississippi	4.001	-	6	*10.001*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**10.001**
Wisconsin Milwaukee	5	1	5.003	*11.003*	-	-	-	*0*	-	-	-	*0*	-	-	1	*1*	-	-	-	*0*	**12.003**
Miami	28.001	7.001	10.002	*45.004*	-	-	-	*0*	1	-	-	*1*	3	1.001	-	*4.001*	-	-	-	*0*	**50.005**
NC Wilmington	9.003	9.002	2	*20.005*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	-	-	-	*0*	**20.005**
Columbia	19	5.001	1.001	*25.002*	-		-	*0*	-	1	-	*1*	-	-	-	*0*	-	-	-	*0*	**26.002**
Earth Sciences Total	447.055	166.034	130.039	*743.128*	4.001	1.001	1	*6.002*	9.002	8.001	6.002	*23.005*	14.001	12.001	26.004	*52.006*	1	1	3.001	*5.001*	**829.142**
Percent within race	60%	22%	17%	*100%*	67%	17%	17%	*100%*	39%	35%	26%	*100%*	27%	23%	50%	*100%*	20%	20%	60%	*100%*	
Percent of grand total	53.9%	20.0%	15.7%	*89.6%*	0.5%	0.1%	0.1%	*0.7%*	1.1%	1.0%	0.7%	*2.8%*	1.7%	1.4%	3.1%	*6.3%*	0.1%	0.1%	0.4%	*0.6%*	**100%**
Females in column	12.3%	20.5%	30.0%	17.2%	25.0%	100%	0%	33.3%	22.2%	12.5%	33.3%	21.7%	7.1%	8.3%	15.4%	11.5%	0%	0%	33.3%	20.0%	17.1%

*By earth sciences research expenditures FY2004, NSF, www.nsf.gov/statistics/nsf06323/tables.htm#rd7; numbers after decimals designate females. **At least some data are from sources other than department chair. Reference: "The Nelson Diversity Surveys" Nelson, D. J.: Norman, OK, 2007; http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html