

Puerto Rico Ranks #1 in Electrical Engineering: Bachelor's Degrees Granted to URM's in Electrical Engineering, Top 25 Institutions

As with the recent top 25 list of institutions for mechanical engineering, the University of Puerto Rico, Mayaguez ranked number one as the institution granting the most bachelor's degrees to under-represented

Top 25 Institutions Awarding Electrical Engineering Bachelor's Degrees to Under-Represented Minorities, 2006				
Rank	Institution	Total URM	URM Female	URM Male
1	University of Puerto Rico Mayaguez	184	57	127
2	Universidad Politecnica De Puerto Rico	108	16	92
3	Florida International University	80	11	69
4	University of Florida	61	7	54
5	University of Texas at El Paso	59	11	48
6	Georgia Institute of Technology Main Campus	57	9	48
7	California State Polytechnic University Pomona	48	7	41
8	University of Central Florida	43	5	38
9	University of Maryland College Park	41	4	37
10	University of Texas at Austin	39	9	30
11	California State University Long Beach	37	8	29
12	University of Texas at San Antonio	35	4	31
13	Morgan State University	34	13	21
14	Prairie View A & M University	34	13	21
15	New Jersey Institute of Technology	33	4	29
16	New Mexico State University Main Campus	33	6	27
17	Florida Agricultural and Mechanical University	32	6	26
18	North Carolina State University at Raleigh	32	5	27
19	San Diego State University	31	5	26
20	California Polytechnic State University San Luis Obispo	28	3	25
21	North Carolina A & T State University	28	4	24
22	Alabama A & M University	27	9	18
23	Southern University and A & M College	27	10	17
24	Inter American University of Puerto Rico Bayamon	26	2	24
25	University of Michigan Ann Arbor	26	10	16
Top 25, Total		1,183	238	945
<i>Source: CPST analysis of Integrated Postsecondary Education Data System (IPEDS) obtained via the WebCasper database. National Science Foundation.</i>				

minorities (URMs) in electrical institutions. Also, like the top 25 list of mechanical engineering schools, Universidad Politecnica de Puerto Rico ranked number two in 2006. Both of these schools were the only two on the list to have granted more than 100 bachelor's degrees to URM's in this field (U. of PR, 184; U. Politecnica, 108).

Of the 328 institutions generated from the WebCASPAR database, 16.1% (2,854) of these electrical engineering bachelor's degrees were granted to URM's in 2006. URM women represented 3% (531) of total degrees (17,675), while URM men represented 13.1% (2,323). Women as a whole represented 12.5% (2,207) of the total number of electrical engineering bachelor's degrees granted in 2006.

The professional society associated with electrical engineering is the Institute of Electrical and

Electronics Engineers Inc. (IEEE), and it is the leading non-profit organization for electrical engineers with 375,000 members. Karen Panetta, of the IEEE Women in Engineering society, presented at a joint workshop held by CPST and AWIS for diversifying STEM. A summary of the meeting can be found in the May/June 2008 (Vol. 45, #3) issue of *CPST Comments*.

To find out more about IEEE, please visit www.ieee.org. To view the top 100 list of electrical engineering degrees granted to URM's in 2006, or the outcomes of the CPST and AWIS diversity meeting, please visit www.cpst.org.

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