

Programs and awards listed below will provide Lehigh University faculty with contacts for expanding their recruitment networks

The Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM) program identifies outstanding mentoring efforts/programs designed to enhance the participation of groups underrepresented in science, mathematics and engineering. Awardees are usually highly respected, well-funded members of the professoriate who mentor top graduate students—perfect contacts for departments wishing to expand their pool of potential candidates for current or possible future positions.

Accenture American Indian Graduate Scholarship. This program selects "the very brightest American Indian and Alaska Native students seeking degrees and careers in all fields of study including high technology and business fields." This scholarship is funded by Accenture and administered by AIGC (American Indian Graduate Center).

"**The Ford Foundation Diversity Fellowships** seek to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students. To facilitate this goal, the Fellowship grants awards at the Predoctoral, Dissertation, and Postdoctoral levels to students who demonstrate excellence, a commitment to diversity and a desire to enter the professoriate" (National Academies, 2007b). Ford Foundation Fellowships are awarded in the following fields: Education, Engineering, Math and Physical Sciences; History; Philosophy; Language/Literature/Humanities; Life Sciences; Psychology; and Social Sciences.

"**The Meyerhoff Fellows Program** at the University of Maryland, Baltimore County (UMBC), focuses on promoting cultural diversity in the biomedical sciences at the graduate level. Funded by an NIH - MBRS - Initiative for Minority Student Development (IMSD) grant, students are supported while receiving their Ph.D. in one of the following areas: Biochemistry, Biological Sciences, Chemistry, Chemical and Biochemical Engineering, Chemistry-Biology Interface, Mechanical Engineering, Molecular and Cell Biology, Neuroscience and Cognitive Science, Psychology, and Toxicology" (The Meyerhoff Fellowship Program, 2007a).

Society for Advancement of Chicanos and Native Americans in Science (SACNAS) Postdoc Programs. "SACNAS sustains a vibrant and active community of postdoctoral scientists. Resources and initiatives of the SACNAS Postdoc Programs aim to assist members to flourish during the transition from student to professional researcher, educator, administrator and/or policy leader" (SACNAS).

Summer Research Internship Program (SRIP). "The University of Virginia School of Medicine offers summer research internship opportunities to qualified undergraduates who are considering a possible career in biomedical research. The program targets, but is not limited to, racially and ethnically diverse students in their junior and senior college undergraduate years....The goals of the program are to expose undergraduate students to laboratory research, to familiarize them with the opportunities that exist for careers in biomedical research....The Summer Research Internship Program provides an outstanding environment to learn firsthand about a career in biomedical research....Many... former SRIP participants have matriculated into

M.D./Ph.D. and Ph.D. programs, including several at UVa" (Summer Research Internship Program, 2007). A past SRIP participant and University of Virginia graduate student in Biochemistry and Molecular Biology and Genetics commented, "The SRIP program was a great program in that it exposed me to the many other types of research being conducted here at the university. All of the interactions that I had with faculty and students were positive and that played a major role in why I chose to come here for graduate school" (Maki, 2006).

IGERT and AGEP programs, funded by the National Science Foundation, "focus on diversifying the graduate student population and provide cutting-edge graduate education" (NSF ADVANCE, University of Washington). "The Integrative Graduate Education and Research Traineeship (IGERT) program seeks to train scientists and engineers to address the global questions of the future. Through the use of innovative curricula and internships, and by focusing on problem-centered training, these programs give their graduates the edge needed to become leaders in their chosen fields....we seek to increase the participation of underrepresented groups, including women and minorities, in doctorate programs in the engineering, science, and mathematics fields, by helping Minority Serving Institutions (MSIs) and their constituencies tap into a bountiful resource opportunity" (IGERT 2007a).

"The Alliance for Graduate Education and the Professoriate (AGEP) seeks to join together universities and colleges in the common mission of increasing the number of underrepresented minority students earning Ph.D.s and positioning them to become leaders in science, technology, engineering and mathematics (STEM) fields" (Alliance for Graduate Education and the Professoriate, 2007b).