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PR-AMP



Programs are about **you**,
about change, about making Puerto Rico a
leader in science, mathematics, engineer-
ing, and technology (SMET) disciplines. PR-
AMP stands for the Puerto Rico Alliance for
Minority Participation, which was estab-
lished in 1991 with a grant from the Na-
tional Science Foundation. PR-AMP's goal
is to increase the number of students ob-
taining baccalaureate degrees in SMET dis-
ciplines by transforming the teaching/learn-
ing culture at our universities.

AMP

PR-AMP ACTIVITIES FOR STUDENTS

PR-AMP is changing the undergraduate curriculum to make SMET courses relevant, dynamic and enriching and to provide the necessary foundation for continued success in these fields, from undergraduate to graduate studies and to rewarding careers. PR-AMP strategies help improve grades, open new horizons, create networks with your peers, open opportunities for exciting and enriching research projects and much more.

Are you enrolled in a SMET career track?

Check for programs and activities that meet your interests and bring you together with others in the same field. Help with studies, interesting research, friends and mentors all contribute toward making your university experience a rewarding journey toward your future. Main PR-AMP student activities are:

Faculty, Industry and Peer Mentoring

A student may pair up with one of PR-AMP's mentors – someone working in industry, a faculty member or a fellow student – who will provide professional and personal orientation depending on the student's interests in a SMET field. The mentor-protege pair develops activities to enhance the student's preparation and future study and career plans.



Undergraduate Research

See first-hand how to put your learning to work for your future. Research opportunities are offered during the summer, as well as during the academic year, at university campuses, National Laboratories and industries. Stipends to cover expenses are available. You may also apply for travel stipends to present your research project at a national forum.

PRISM

The Puerto Rico Interdisciplinary Scientific Meeting (PRISM) is the annual forum for students to present their research projects. This islandwide, interdisciplinary activity is co-sponsored by the American Chemical Society, and it usually takes place during the Spring semester. More than 800 students participated in 1997.

TaDDEI

Trouble cracking that tough science course? TaDDEI, the Spanish acronym for "Study/Learning Skills Within the Content of a Course," originally initiated in Chemistry, is now being expanded to other SMET disciplines. Faculty and advanced level students work with students to help develop the study/learning skills that apply specifically to the courses they are taking. Check with your PR-AMP liaison for a list of courses in your institution that use TaDDEI to help students improve their grades. This program has proven effective in improving students' all-around academic performance.

Awards for Excellence

Students that show economic need and maintain a high academic performance level may receive an Award for Excellence. These awards are competitive and range from \$500 to \$2,000 per year. Priority is given to first generation college students.

Teacher Preparation

SMET students interested in being certified as physics, chemistry or math teachers are helped to pursue this career goal. Seminars and activities in public schools currently implementing the science and math reform are provided through the Puerto Rico Statewide Systemic Initiative. Students already in teacher preparation programs are provided research opportunities, seminars and a teaching practicum in PR-SSI schools, where empowered science and math teachers are at the vanguard of educational reform in Puerto Rico.

Bridging: Pre-college & Graduate

A residential summer camp orients highschool students at participating schools of engineering. A Graduate studies orientation/mentoring program assists undergraduates to pursue graduate studies in SMET fields.



AMP **liando Oportunidades**