



TEXAS A&M
INTERNATIONAL UNIVERSITY



U. S. Department of Education
Promoting educational excellence for all Americans

Pre-Engineering Cohort (PE-Cohort) 2009-2010 Academic Year

The purpose of this project is to create a pre-engineering cohort to improve the recruitment and retention of highly motivated Hispanic and other low-income minority students. Students are expected to participate in an enrichment program at TAMU in Summer 2010. This program will expose students to the various engineering fields and emphasize critical thinking and problem solving skills.



Benefits to students:

- Participants receive a laptop. The laptop will allow students to fully participate in the workshop activities and successfully complete their coursework during the two years they are in the cohort.
- Participants will attend a free two-week workshop at TAMU-College Station in summer 2010. Each workshop participant receives \$500 to cover daily expenses.
- Participants are provided with advising and tutoring services throughout the year.

The summer workshop at Texas A&M University-College Station includes activities coordinated by various TAMU engineering departments, such as

- Tours and demonstrations of engineering laboratories and facilities
- Discussions with industry representatives and faculty members
- Presentations about the future trends in different engineering disciplines and the career options for students
- Participation in class shadowing
- Work on an interdisciplinary design project such as robot's programming and building engineering structures
- Field trip to an engineering company.

For more information about this project, please contact one of the following individuals:

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