



WAYS INDUSTRY CAN PARTICIPATE

Joint Professional Development Conference

October 18, 2006

This is a mini Career Fair consisting of industry booths in the fields of engineering and physical sciences. Professional Seminars are also presented by industry representatives simultaneously. Co-hosted NSBE, PASE, SHPE and MEP/MSP. Industry registrants are supplied Resume CD of MEP students.

Shadow Day

November 16, 2006

Companies have an opportunity to invite students of engineering and science interest to shadow an engineer or scientist from their company for the day. This provides the students a unique opportunity to experience the "real world" of a career in an engineering or scientific environment. What better way than to observe and work with a professional in action! Many companies use this opportunity to market their organization to up and coming engineering students for internships and future job opportunities.

MESA Regional Leadership Summit

March 2-4, 2007

Students from San Diego State University, San Diego City College and Southwestern College will be appointed to attend this summit (at Indian Hills Camp, Jamul, California) in which they will attend seminars on leadership, strengths quest and compete in teams in industry driven competitions.

MESA Olympics & Robotics Competition

April 28, 2007

Teams from San Diego State University, San Diego City College and Southwestern College compete in exams that will include Calculus, Physics, Chemistry and some Engineering material. Each school will also have 1-2 teams who will design and program a robot to compete in two heated competitions.

Scholarship & Graduation Reception

May 2, 2007

Industry helps MEP staff salute graduating MEP members by becoming a sponsor of the reception at one of three levels of support. Industry reps assist the MEP staff in saluting students who are graduating. Scholarships donated by industry are presented by industry reps during their reception.

MESA Training Academy

Fall 2006 and Spring 2007

Academies are conducted by industry professionals during the academic year to train MESA students in the skill sets that are currently in demand by industry. Specific skills training will include, but is not limited to, Code Division Multiple Access (CDMA) technology, Microstation, Lead Engineering and Six Sigma. Industry partners such as Hamilton Sundstrand, CALTRANS and NAVAIR have hosted trainings to better qualify students for internships and employment opportunities.

Mentorship Program

Open Recruitment

Exposes students who many times are first generation college students, to various fields that exist in engineering and science. Mentors share valuable experiences and gain potential student interns and/or post-graduate employees. Additionally, mentors help strengthen community-corporate ties. By participating in the program, students gain exposure to their perspective fields and develop friendships with industry in the process.

Industry volunteers are needed to present seminars, develop, setup and/or proctor competitions, host training at their facility, host students at their facility, sponsor student organizations' meetings or conferences and provide advice and direction to students through the Mentorship Program.



**SAN DIEGO STATE
UNIVERSITY**