

COLLEGE OF ENGINEERING

FACULTY/STAFF E-NEWSLETTER



SAN DIEGO STATE
UNIVERSITY
College of Engineering

FEBRUARY 2009

In The Spotlight.

- Monthly faculty meetings** will be held throughout the spring semester. These meetings are informational and will allow ample time to discuss critical issues facing the College. Upcoming meetings will be held on Fridays, February 27th, March 27th and April 24th from 2:00-3:30 in room E-423B. Please save these dates on your calendar.
- Assistance for College Committees.** College Committees needing assistance in planning and preparing for their committee meetings (scheduling, copies etc...) may solicit help from Carly House in the Dean's office. (4-0605 or chouse@mail.sdsu.edu)

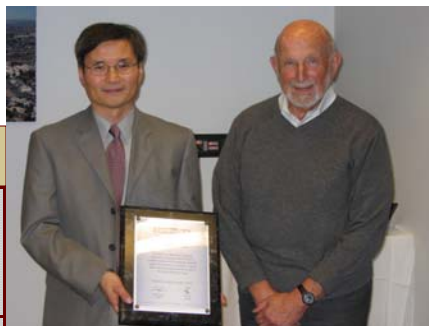
Irwin Zahn Honors Autosplice Competition Winners

A reception was held in the Dean's Conference Room on January 29th to honor the winners of the ME 310 (Engineering Design: Introduction) Fall 2008 Autosplice Muscle Wire Design Challenge. The winning team for Fall 2008 designed a Compact Liquid Lens; while the runner up teams designed a Rotating Solar Panel and Fire Damper, respectively.

Irwin Zahn, Chairman of Autosplice, personally presented the students with certificates of achievement along with the prize money, and took the opportunity to offer some well received advice to all in attendance. Mr. Zahn stressed the idea that you should always do a little more than is expected, and that success does not necessarily come from being smarter than the next person, but rather doing more than that person does.



Professor Kee Moon was also presented with a plaque of achievement recognizing the Mechanical Engineering department for their leadership, mentoring, support and assistance in a multitude of creative shape memory alloy applications on the part of the Design Engineering Group.



Dr. Moon hopes to continue this partnership with Autosplice, giving students the opportunity to work on projects with practical application in industry while being exposed to some of the most current and innovative technology. Many of these students gained a wealth of knowledge from this experience and expressed interest in furthering their project research and development as part of their ME Senior Design classes.

Tracking the Dean

2/3	Dean Hayhurst will attend a meeting of the SDSU/UCSD Steering Committee on Sustainability
2/3	Dean Hayhurst will meet with Engineering Alumni Peter MacLaggan, Poseidon
2/4	Dean Hayhurst will meet with Mr. Dennis Cushman, Asst. GM of the SD Cty Water Authority
2/5	Dean Hayhurst will meet with President Weber and Vice President Carlton for Development review and updates
2/9	Dean Hayhurst will attend the Xconomy Forum: Physics for Future Presidents; UCSD's Institute of the Americas
2/9	Dean Hayhurst will attend the CONNECT Leadership Dinner with Dr. Richard A. Muller, UC Berkley Professor and expert on Clean Technologies
2/11	Dean Hayhurst will meet with Joe Kiani, CEO of Masimo Corporation

Engineering Study Abroad Update



The engineering workplace is rapidly globalizing and students must develop skills that enhance their ability to work effectively in a global environment. International programs in the College of Engineering have been growing steadily over the past few years to assist students and faculty alike in pursuing opportunities that provide international experience.

For a fifth year, Dr. Janusz Supernak will be leading an exciting summer study abroad program to Krakow, Poland in cooperation with AGH University of Science and Technology. Dr. Mauro Pierucci will lead his second summer program to the beautiful campus of the University of Pisa in Italy. Dr. Rob Dowell is starting a new summer program this year at Kingston University in the metropolis of London, England.

Dr. Nagy Nosseir is developing a semester exchange/internship program to Furtwangen, Germany.



Other engineering semester exchange programs include Hannover, Germany which also incorporates internships and

2/11	Dean Hayhurst will meet with Joe Kiani, CEO of Masimo Corporation
2/11	Dean Hayhurst will meet with Scott Stinson of Fluor, an SDSU Engineering Alumni.
2/12	Dean Hayhurst will attend the Engineering for Life Enrichment Symposium at UCLA
2/16	Dean Hayhurst will attend a Sustainability Initiative Committee meeting with President Weber and other dean's regarding the campaign
2/17	Dean Hayhurst will have a lunch meeting with Joe Pinetta of Biocom
2/17	Dean Hayhurst will attend the NSF STEP Internal Advisory Committee Meeting
2/25	Dean Hayhurst will attend a meeting on STEM Success with Dean Maloy of the College of Sciences and leaders of the SDSU Entrepreneurial Manage-
2/27	Dean Hayhurst will attend the SDSU Student Research Symposium in Montezuma Hall

internship program to Furtwangen, Germany.



Other engineering semester exchange programs include Hannover, Germany which also incorporates internships and a cooperative program with Georgia Tech to their campus in Metz, France. There are also a wide variety of cooperating exchange universities in destinations such as Australia, Norway, Mexico, and Singapore.

For more information on any of these programs, or if you have international aspirations of your own, contact Donovan Geiger at 4-6079.

AE/EM Alumni Event Held

The AE/EM Alumni event was held on January 28th, and was a hit with all who attended. Alumni of all ages showed up to reconnect with their former classmates and professors as they attended a pre-game reception at Cox Arena and cheered the Aztec's Men's Basketball team on to a victory over Mountain West Conference foe Texas Christian University.

Thanks to Dr. Plotkin for all his help in planning this event, and to all the AE/EM faculty for showing their support for alumni relations. Other departmental events are in the works and should be taking place throughout the Spring Semester.

Larry Hinkle Appointed Interim Assistant Dean

Larry Hinkle has been selected for appointment as the College of Engineering's Interim Assistant Dean for Student Affairs and will oversee the Student Affairs Offices as they relocate to Suite E-200 next to the Dean's Office.

Donovan Geiger will be moving from E209 to Larry's former office E-200A, and Larry will be taking over Dr. Westermo's former office E-200C. This move will improve the Student Affairs operations of the College by designating a "one stop shop" for students to get information and help resolve their issues related to Student Affairs.

Research Corner—Projects Submitted & Awards Granted in January

Name	Dept.	Title of Project	FA	Status
Dr. Asfaw Beyene	ME	Industrial Assessment Centers	US DOE	Submitted
Dr. Temesgen Garoma	CCEE	Advanced Oxidation of Bisphenol A and its Reaction-Intermediates	Water Research Foundation	Submitted
Dr. Gustaaf Jacobs	AE/EM	Novel Fuel-droplet Injection in a Turbulent Separating Dump Combustor Flow	DOD ONR	Submitted
Dr. Sunil Kumar	ECE	CCLI: Cool Pace: Developing Career-oriented Hands-on Laboratories for Pervasive Computing Education	UAT	Submitted
Dr. Kee Moon. Co-pi(s) Dr. Samuel Kassegne, Dr. Khaled Morsi, Dr. Randall German	ME	MRI: Development of a Nano-scale Current-activated Tip-based Sintering (NanoCATS) Test bed for Fundamental Nano-scale Sintering Research	NSF	Submitted
Dr. Eugene Olevsky	ME	Program Elements 2, Intergrated Models and Experiments for Optimization of Advanced Oxide Nuclear Fuels Fabrication, 08-2020	DOD LANL	Submitted
Dr. Eugene Olevsky	ME	Fabrication of Advanced Armor and Anti-armor Components by Spark-plasma Sintering	DOD AAR DEC	Submitted

ONR = Office of Naval Research

UAT = University of Alabama Tuscaloosa

LANL = Los Alamos National Laboratory

AAR DEC = Army Armament Research, Development and Engineering Center

Story ideas, award notifications, suggestions and comments can be sent to Carly House at chouse@mail.sdsu.edu