



June 2009

CEM Holds Donor Wall Unveiling

Philanthropic partners of the J.R. Filanc Construction Engineering and Management Program at San Diego State University were invited to attend the Donor Honor Wall unveiling and reception on Tuesday, May 19th at the Program offices at SDSU. It was a wonderful celebration marking a new tradition for the CEM program and another opportunity to reflect how powerful vision, leadership and generosity can be when combined with hard work, integrity and determination.

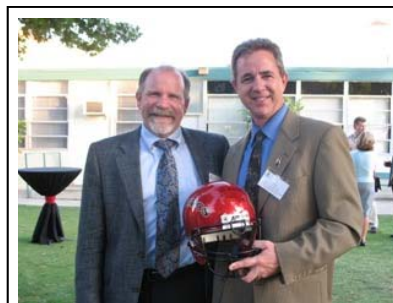
David Hayhurst, Dean of the College of Engineering, and Ken Walsh, Director, J.R. Filanc Construction Engineering and Management Program, addressed the guests, thanking them for their tremendous support of this growing program. Key honorary guests included, Jack Filanc, Mark Filanc and Kevin Elliott.



SDSU alum Kevin Elliott from ROEL construction poses with the recognition signage for their gift in honor of his grandfather, Paul S. Roel, and the San Diego AGC.



Jack Filanc takes a moment to pause in front of the Donor Wall inside of the Education Building.



Mark Filanc of Filanc Construction Company stands with Dr. Ken Walsh at the CEM Donor Honor Wall Unveiling. They are pictured with the Brady Hoke helmet, which serves as a traveling recognition for large gifts to the university during the Comprehensive Campaign.

Filanc Construction is one of the largest supporters of the CEM program at SDSU and has been a constant supporter since Mark's brother, Pete Filanc, began working with Dr. Janusz Supernak to begin the development of CEM in 2000.

In the Spotlight

- The Annual Staff Appreciation BBQ was held on Friday, June 5th at 12 Noon in front of the Engineering Building. Thanks to everyone who attended!
- Thank you to all of the faculty members and staff volunteers

Eugene Olevsky Honored with 2009 Monty Award



Eugene Olevsky, director of the SDSU-UCSD Joint Doctoral Program in engineering sciences, is an expert in powder sintering. The research from his Powder Technology Lab is applied to fuel and solar cells, hydrogen storage and nanotechnology. He has received a National Science Foundation Career Award, a Humboldt Fellowship, a TRW Excellence in Teaching Award and the Albert W. Johnson University Research Lectureship, the

who attended this year's Commencement ceremonies. It was a great day and we had a very positive turnout.

Johnson University Research Lectureship, the highest research honor bestowed by SDSU. He is also a Fellow of the American Society of Mechanical Engineers.

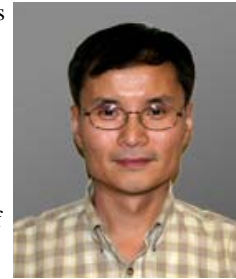
The Monty Awards are given out each year to outstanding faculty members to recognize their contributions to the University and the SDSU Community. Congratulations Eugene!

Tracking The Dean

Date	Event
6/1	Dean Hayhurst will have lunch with Dean's Advisory Board Member Eric Johnson and his wife Peggy Johnson, both SDSU Engineering Alumni
6/5	Dean Hayhurst will attend the Staff Appreciation BBQ in front of the Engineering Building
6/10	Dean Hayhurst will attend the EGCA Scholarship Awards, held at the Trench Shoring Company
6/25	Dean Hayhurst will attend the <i>Center for Regional Sustainability</i> Kickoff event at the University House

Keel Moon Recognized by Northrop Grumman

Mechanical Engineering professor Keel Moon was recently honored with the 2009 Northrop Grumman Excellence in Teaching Award. The award, which is selected through a peer review process, recognizes faculty members for their successes in the classroom. Keel's innovative approach to teaching and creative development of new course materials made him the ideal candidate for the 2009 award. Great job Keel!



Satchi Venkataraman wins AIAA Award

The AIAA San Diego section recently announced that Dr. Satchi Venkataraman had been selected to receive that AIAA Award for Outstanding Contribution to Aerospace Education. Satchi was chosen for this award based on his many achievements in the SDSU AE/EM Department and for the respect and rapport he has fostered with his students.



An awards banquet was held on Thursday, May 21st at the Clubhouse of the Admiral Baker Golf Course Mission Gorge. Congratulations Satchi!

CEM Internship & Career Development Center Opens

The J.R. Filanc Construction Engineering and Management Program is pleased to announce Ron Meler as its new Director of Internships and Career Development. Ron is a long-time member of the San Diego construction industry and has been active in several local companies, most recently as vice president for operations at Sundt Construction, Inc.

Ron is already meeting with students to assist them in securing summer jobs and internships in the construction industry. The Internship & Career Development Center is an important resource for students in helping them gain valuable industry experience.

If you have internships or part-time job opportunities available to our students, please contact Ron directly at 619-540-6502 or by e-mail at rmeler@mail.sdsu.edu.

The program is supported by generous donations from Leducor Construction, Harper Construction, and Clark Construction.



Theresa Garcia Featured as "Aztec for Life"



Theresa Garcia didn't intend to become a student affairs professional – she received a bachelor's degree in business administration from SDSU in 1991. But, when she joined the Mathematics Engineering Science Achievement Engineering Program (MEP) staff, that all changed.

"My life as an Aztec started in 1986 when I was a 17-year old



Theresa, featured in a May issue of SDSU Universe, received her Master's Degree in Educational Leadership from the College of Education, Division of Undergraduate Studies at the May 24th Commencement Ceremonies at Cox Arena.

freshman," Garcia said. "For 18 years now, I've worked with MEP, with the last 11 years as the director."

It was because of her involvement with MEP that Garcia also decided to pursue a master's degree in educational leadership. Garcia was awarded her degree during the College of Education and Division of Undergraduate Studies commencement ceremony on Sunday, May 24.

Engineering Research Center Proposal

In NSF funding, the Engineering Research Center is one of the plums. These programs are quite prestigious, since funding persists for up to 10 years at several million dollars per year. This year Prof. Rajagopal of Texas A&M University is organizing an effort on the Science of Particulate Media in Infrastructural, Environmental and Manufacturing Applications.

Prof. Rajagopal is an external reviewer for the Mechanical Engineering Department, and has invited a group of SDSU faculty working on industrial applications of particles to join in on the university consortia organized around this theme. Particles are common in San Diego, think sand, but Professors German, Olevsky, and Morsi happen to be experts in sintered particles used to fabricate engineering products – from teacups to cutting tools. Accordingly, they will spend this summer organizing and coordinating their research on sintered particles with other groups that span from ores and rocks to nano-particles.

The proposed Engineering Research Center will work on new collaborations to bridge between infrastructural, geological, atmospheric and manufacturing applications of particles. Further, the intent is to propagate the core knowledge gained in this industry-government funded program to other areas where particulate materials are routinely used, as agricultural, food, pharmaceutical, biological, energy and medical applications.

Prof. German will be the Thrust leader for science and engineering in manufacturing processes. Our ME faculty will join a distinguished team that includes faculty from Texas A&M University (College Station), University of Illinois (Champaign-Urbana), University of California (Berkeley), Texas A&M (Kingsville), Technical University of Delft, Indian Institute of Technology (Madras), and Pohang University of Science & Technology. We wish them all the best on this quest.

Content Provided by Dr. Rand German

Research Corner—Projects Submitted & Awards Granted in May

<u>Name</u>	<u>Dept</u>	<u>Title of Project</u>	<u>FA</u>	<u>Status</u>
Dr. Edward Beighley	CCEE	Flood Risk Analysis for the Continental United States Using Pfafstetter Flood	FMIC	Awarded
Dr. Temesgen Garoma	CCEE	Emerging Contaminations of Concern in San Diego Bay	SDUPD	Submitted
Dr. David T. Hayhurst	DNS	Mathematics-Physics Technology Institutes (MPTI)	UCOP	Awarded
Dr. Thomas Impelluso	ME	Simulations for Mechanical Engineering Students: On-line Learning by Using, Creating and Teaching	NSF	Submitted
Dr. Yusuf Ozturk	ECE	PACL: Pervasive and Ambient Computing Laboratory	NSF	Submitted
Dr. Kenneth Walsh	CCEE	Surface Flux for Cracked and Intact Clays from Poned and Sloped Conditions	NSF	Submitted

FMIC = Factory Mutual Insurance Company
SDUPD = San Diego Unified Port District
UCOP = University of California Office of the President

Faculty and staff are invited each month to submit stories, story ideas and photos that you would like to see included in this newsletter.

Please contact Carly at chouse@mail.sdsu.edu or at 4-0605 by the 20th of each month

