

Message from the Chair



This Fall will be remembered as a staff transition period. We had 2 faculty searches, technician search, administrative staff search, and an executive assistant search over the last 6 month period. We have been successful (or are in the process of being successful) in filling all of these positions. Our entering Junior class numbers over 50, a slight increase over last years' class. For this Fall term we have had several new developments: (1) We have submitted a new undergraduate degree program, a B.S. in Environmental Engineering, for PSU and OUS approval; (2) We are working collaboratively with the Environmental Science and Resources Program on a new B.S. degree in Environmental Engineering Science; (3) the Manufacturing21 initiative has received federal monies to move forward in planning for a new Materials and Infrastructure Testing center that could replace our iSTAR and concrete laboratories in SB2; and (4) 11 of our Juniors were accepted into the CECOP statewide internship program. We also will have a new Chair, Al Barkouli (Dave Evans and Associates), and Vice Chair, Jared Lewis (Catena Engineers), for our CEE Advisory Council and 2 new members: Carrie Pak (Engineering Division Manager, Clean Water Services) and Bill Kloos (Signals and Street Lighting Division Manager, City of Portland). We will be thanking our outgoing Chair, Leon Kempner (BPA) and Vice Chair, Dale Richwine (MWH) in our next newsletter. Please come by the campus and visit us and see our beautiful new facility.

New Faculty Member



Dr. Hamid Moradkhani joined the CEE faculty as an Assistant Professor of Civil and Environmental Engineering this fall. He earned his doctorate from the University of California, Irvine in 2004. He will teach undergraduate courses in fluid mechanics, hydraulics, hydrology, hydrologic/hydraulic modeling, and will develop and teach graduate courses in stochastic hydrology, model calibration and data assimilation. This fall, he is teaching an elective course titled, "Fundamental Analysis of Hydrologic Systems." Please join us in welcoming him.

New Research Faculty Member



The CEE department also welcomes Dr. Edward Zaron, who joined the department as a Research Associate in the summer of 2006. He earned his doctorate in Physical Oceanography from Oregon State University in 1995. He is working with David Jay's research team and will work on research funded by the NSF, US Army Corps of Engineers and the Bonneville Power Administration on the dynamics of the Columbia River as it enters the Pacific Ocean. Dr. Jay's group had new funding last year of about \$1 million dollars.

ABET Update

Last year, ABET (Accreditation Board for Engineering and Technology) visited the CEE and all MCECS departments at PSU in November of 2005. All MCECS programs were accredited until 2012, which is the longest period of accreditation possible. There were no weaknesses or deficiencies noted in the CEE Department or in any of the other MCECS Departments.

Research Grant Milestone



The CEE department had over \$1 million in research expenditures and over \$1.7 million in new grants for the 2005-2006 academic year.

Oregon Metals Initiative Grant

This grant helps with development of a new structural steel system. The need to improve the post-earthquake usability of buildings is the primary reason for a research project that is developing a new structural steel system for resisting lateral loads. The \$27,000 project is sponsored by Oregon Iron Works, a local steel fabricator whose funds are being leveraged by the Oregon Metals Initiative. The study is lead by Peter Dusicka and is part of the infrastructure and seismic focus of iSTAR (infraStructure Testing and Applied Research) Laboratory. The project is forming the basis of Robert Iwai's Masters thesis. Should the system show viability, the second phase of the project would involve laboratory experiments on critical components.

Faculty/Staff News

- Peter Dusicka is the new ASCE advisor starting with the 2006-2007 academic year. To stay posted about all their activities, please visit their website at <http://www.asce.pdx.edu>.
- Chris Monsere now has a 9-month tenure track appointment in the CEE department.
- This is the last term that Carol Hasenberg



will be an instructor for CEE. She has taught Statics, Strength of Materials, GIS for Engineers, and the senior CE design courses. After Fall term 2006 is over, she

will be pursuing personal and professional interests.

Congratulations Carol!

- Jenny Kincaid, who has been the Executive Assistant for CEE for nine years, is leaving the department. She is now working for Dr. Robert Bertini in the Oregon Transportation Research and Education Consortium (OTREC) at PSU. We wish Jenny the best of luck with her new position – congratulations!



- K.C. Hall has been appointed as the new Executive Assistant in CEE. She started on November 27, 2006.
- Marianne Stupfel-Wallace has reduced her hours as the CEE receptionist, she's now here from Monday through Thursdays. She is finishing up her last year in the TESL certificate (Teaching English as a Second Language) program and teaching an Adult ESL class in the evenings.

In Memory of Margaret Lall

The department would like to express its support for Dr. Kent Lall during this time of loss. A Margaret Lall Memorial fund has been created.



Research Grants Sept. 2006 – Nov. 2006

Faculty	Title	Sponsor	Amount
R. Bertini	Dynamic Travel Time	ODOT	\$6,473
P. Dusicka	Effects Steel Girder Filters	R.C.S.C.	\$40,000
P. Dusicka	Bridge Eng. Training	ODOT	\$23,546
W. Mueller	Static Load – Rail Cars	Gunderson	\$15,500
W. Mueller	Rapid Strain/Ring Spring Design	BPA	\$25,000
K. Tufte	Real-Time Travel Time	ODOT	\$57,079
S. Wells	Hyporheic Flow – Stream Temperatures	I. W.W.	\$20,194



Donors

Donors from 7/1/06 to 12/31/06: David Evans and Associates, Inc., DKS Associates, Dr. Robert Lawrence Bertini, KPFF Consulting Engineers, Mr. Amitkumar P. Patel, Mr. Brian P. Kuepper, Mr. Carson S. Lattimore, Mr. Jack A. Payne and Ms. Karen C. Payne, Mr. James R. Wood and Ms. Jill Blount, Mr. Robert E. Coombs and Ms. Pamela E. Coombs, Mr. Roger V Lindgren, Ms. Dorothy J. Coombs

