

Department of Civil & Environmental Engineering Newsletter

Maseeh College of Engineering and Computer Science

Message from the Chair



The Department has been abuzz with activity in the past few months preparing for our ABET accreditation visit this fall and the move to the new building in December. We had a BBQ for our seniors and graduate students and enjoyed the graduation ceremony at the Rose Garden in June. There were 38 Bachelor's of Science students, over 20 Master's of Science graduates, and 2 Ph.D. students. We are proud of Roger Lindgren, the first student to graduate from our own CEE Ph.D. program, and Ali Eghtedari, who received a Ph.D. in the Systems Science/CEE program.

We have recently simplified our Master's degree programs. The Master of Science degree will now be the option for thesis or research students, and the Master of Engineering degree will be for those pursuing a course-work only track. To serve our B.S. students better, we have implemented a new advising system in which advisors will be assigned based students' interest area. Also, we are hoping to have a new faculty member join us in the coming year as we are working on getting a new position in Geotechnical Engineering. Please come by for a visit the next time you are on campus.

Roy Koch Becomes New PSU Provost



Dr. Roy Koch was appointed as Provost and Vice President for Academic Affairs at PSU beginning July 1. During his PSU tenure, Dr. Koch has held positions including Vice Provost for Research, Dean of Graduate Studies and Director of the Systems Science Program. Most recently, he held faculty positions in Civil and Environmental Engineering and Environmental Sciences and Resources,

and was the director of the Environmental Sciences and Resources Program. His contributions to our Department will be missed by CEE students and faculty. Who will be our new master griller? Congratulations, Roy!

Faculty/Staff News

Congratulations to **Carol Hasenberg**, who won the 2004-2005 College Faculty Teaching Award for CEE.

Nominations are made by students. Carol is a helpful and enthusiastic instructor, and has been an innovative teacher for core courses such as Statics and Strength of Materials, as well as the recent coordinator of our redesigned senior design course.



Photos from a CEE faculty tour of the new engineering building are shown above. The department is scheduled to move in to the new space in December 2005.

Student News



Our farewell BBQ for the CEE graduates was a success. The turnout was great and even the local fire department showed up! Seniors and grad students were recognized and presented with a PSU mug.

Professor Robert Bertini and 20 **Civil and Environmental Engineering students** traveled to Butte and Helena, Montana for the American Society of Civil Engineers Pacific Northwest Regional Conference in April. The PSU ASCE Student Chapter did very well, bringing back a first place award for the Surveying competition, a first place award for Bridge Stiffness, and a third place award for the concrete canoe Women's Sprint and Co-Ed Sprint. The overall third place award in the AISC Steel Bridge Competition qualified the Bridge Team for the National Steel Bridge Competition! The Team traveled to Orlando in May to compete against top teams from around the country. The PSU team was

strong in all categories, and ranked 23rd in the nation. Participation in these events would not have been possible without contributions from the following:

American Institute of Steel Construction
American Society of Civil Engineers – Oregon Section
American Steel L.L.C.
Mr. Edward and Mary Anne Anderson
ASCE Oregon Section Younger Member Forum
David Evans & Associates, Inc.
Dr. Robert L. Bertini
Mr. Jed Bingle
CH2M Hill
Geotechnical Resources, Inc.
Dr. Manouchehr Gorji
Hankins Hardware
Harper Houf Peterson Righellis Inc.
Kittelson and Associates, Inc.
Dr. Roy Koch
Kramer-Gehlen & Associates, Inc.
Maseeh College of Engineering and Computer Science
Miller Consulting Engineers
Moffatt, Nichol & Bonney, Inc.
Dr. Christopher M. Monsere
Ms. Deborah Murdock
Murray, Smith & Associates, Inc.
Portland State University Office of the President
TW Environmental, Inc.
WRG Design, Inc.



Gita Dombrowski, a junior, won first place in the 2005 National Daniel W. Mead Student Contest for his essay titled, “Ethical Considerations of Computer Modeling and Analysis in the Education of Structural Engineers.” Gita’s paper is being considered for journal publication.

Dr. Christopher Monsere and nine students participated in the annual International Quad Conference of the Institute of Transportation Engineers, held in Vancouver, B.C. in April. Drs. Monsere and Bertini had four papers presented by students **Tom Moes**, **Steve Hansen**, and **Matt Dorado**. Dr. Monsere and seven PSU students also attended the Institute of Transportation Engineers (ITE) District 6 Annual Meeting in Montana in July. Students presenting papers technical sessions included **Rodger Gutierrez**, **David de la Houssaye**, **Peter Bosa**, **Zachary Horowitz**, **Aaron Breakstone**, **Erin Wilson** and **Nick Carey**.

CEE students recognized at the annual Maseeh College Excellence³ ceremony included **River Hwang**: Outstanding Undergraduate Service, **Michael Schumann**: Outstanding Senior, **Steve Boice**: Outstanding Graduate Student and **Ivona Radivojsa-Kininmonth**: Outstanding TA/RA.

CEE Advisory Council – Arlan Rippe

Arlan H. Rippe, P.E., a founding member of the CEE



Advisory Council, took his first two years of pre-engineering courses at PSU from 1962 to 1964. He remembers being in Dr. Chik Erzurumlu’s first engineering orientation class. He finished his BSCE at OSU in 1966, and MSCE at OSU in 1975. He is a proud product of Oregon’s

Higher Education system. Mr. Rippe was recently appointed as Senior Principal Geotechnical Engineer to the Kleinfelder Technical Resource Council (TRC), a select internal group of senior professionals with advanced expertise in the practice areas of geotechnical and environmental engineering, geology, materials testing, hydrogeology and water resources. The TRC provides Mr. Rippe the opportunity to work in the firm’s offices on projects and proposals, technical quality reviews and oversight, quality assurance, team building and mentoring. Mr. Rippe was recently elected president of the Geo-Institute of the American Society of Civil Engineers after serving on its Board of Governors for five years. In addition, he sits on the Board of Directors of the recently established national Civil Engineering Certification Board. Mr. Rippe is the former president and CEO of Squier Associates, which currently operates as Squier/Kleinfelder.

Research Grants January-June 2005

Faculty	Title	Sponsor	Amount
C. Monsere	Assess Elect. Communication	ODOT	\$49,938
C. Monsere	Safety, Roadway Illumination	ODOT	\$47,959
C. Monsere	Clack Co. Safety Laurance Lake	Clack Co. Middle Fork Dist	\$1,910
S. Wells	Modeling CE-QUAL-W2 and TMDL	WA Dept Ecology	\$14,484
S. Wells	Automax	Gunderson	\$55,016
W. Mueller			\$19,700

Donors

Donors to CEE for February to June 2005 include: Cornforth Consultants, Inc., and Steven and Georgia Locher. Thank you for your support!

How to Donate to CEE

A check payable to “PSU Foundation-CEE” can be mailed to: Portland State University Foundation, P.O. Box 243, Portland, OR 97207-0243. Please specify that your donation is for the Department of Civil & Environmental Engineering; this ensures that your entire donation will be available for our Department to use to support the ASCE Student Chapter, upgrade student labs and equipment, etc.

