

Message from the Chair



Fall term 2005 in CEE has been memorable and busy for several reasons: (1) We have a new faculty member in the environmental area, Dr. David Jay, who joined our faculty from OHSU/OGI; (2) we are planning the department move (including department office, faculty offices, and most labs) to

the new engineering building beginning the first week in December; (3) we are busy preparing for our ABET evaluation site visit in the middle of November; (4) we learned that the transportation group at PSU will receive \$16M and become a National University Transportation Center; (5) we are actively searching for a faculty member to fill Dr. Roy Koch's position, since he became PSU's Provost in July, and finally; (6) the CEE Chair had to teach the junior Fluid Mechanics course for the first time, and had 117 students and 5 labs. He would not have survived without help from a team of graduate teaching assistants: Rob Annear, Mike McKillip and Verena Winter. In addition to all of these activities, our research funding is expected to double in the upcoming academic year from about \$1M/year to about \$2M/year. Even though there will be a formal dedication and tours during spring term, please feel free to stop in and see us in our new building beginning in Winter term. Also, we are planning a faculty musical concert as part of the program for the CEE open house in the spring. This is an event you will not want to miss! --Dr. Scott Wells

New Faculty Member



The department welcomes **Dr. David Jay**, who joined our Department as a Research Associate Professor this Fall. Dr. Jay comes to us from OGI, and is an expert in estuarine and coastal processes, with a focus on the Columbia River. He brings with him a large research program funded by the NSF, US

Army Corps of Engineers, BPA, etc. He is currently teaching "Environmental Fluid Mechanics II," and will teach an elective course titled, "The Columbia River as a Physical System" in Winter 2006.

Research Grants July – October 2005

Faculty	Title	Sponsor	Amount
P. Dusicka	Bridge Eng. Training	ODOT	\$23,546
C. Monsere	Hwy Safety Manual	Kittleson & Associates	\$5,192
S.Wells	Clackamas River Wtr Quality Modeling	Clack R. Wtr Providers	\$24,299

PSU Center for Transportation Studies Designated as National Center



PSU's Center for Transportation Studies was recently designated as a recipient of \$16 million in federal dollars and will become one of ten National University Transportation Centers. The Center will receive \$16 million in 2005-2009 for transportation research,

education and outreach programs. **Dr. Robert Bertini** of CEE is the Director of the Center. **Dr. Chris Monsere**, also in CEE, will also play a key role. Established in 1966, the Center for Transportation Studies is housed in the College of Urban and Public Affairs, and will partner with other OUS institutions on transportation issues. There will be opportunities for faculty across disciplines to submit research proposals to the Center for funding consideration. The Center sponsors a weekly transportation seminar, hosts professional development workshops, and offers five graduate degree programs in transportation. Faculty teach more than 25 graduate courses in transportation subjects, and the Center will offer graduate fellowships, increasing opportunities for students in transportation research and education. Special thanks goes to Congressman Peter DeFazio (above, at podium) who led the delegation's efforts to secure this transportation funding. PSU welcomed the



Congressman on campus in August to celebrate. The celebration included remarks by Congressman DeFazio, PSU President Daniel O. Bernstine (far left) and Dr. Robert Bertini (right).

Department News

The Accreditation Board for Engineering and Technology (ABET) will be visiting the PSU CEE Department on November 13, 14, and 15. ABET visits all the Maseeh College departments regularly. The

objectives of accreditation are to assure that graduates are adequately prepared to enter and continue the practice of engineering and to encourage new approaches to engineering education and its assessment.

✚ The Department will start the move to the new engineering building in early December. The Department office, faculty offices and most labs all have new homes in the soon-to-be-finished Northwest Center for Engineering, Science and Technology. This is an exciting time for faculty and staff. Please visit us in the new building in January.



Faculty/Staff News

Chris Monsere (below, center) received two awards from the Institute of Transportation Engineers (ITE) during summer of 2005. The ITE Oregon Section awarded Chris the 2005 Outstanding Individual Achievement Award, and ITE's District 6 recognized his work with the 2005 ITE District 6 Young Professional Achievement Award.

Both awards recognize his contributions and dedication to the field of transportation engineering.



The ITS Lab welcomes **Dr. Soyoung (Sue) Ahn** and **Dr. Kristin Tufte** to the research team. **Dr. Ahn** (left) is a Post-Doctoral Research Associate from the University of California at Berkeley. She brings a strong record of publications, research and teaching experience in the areas of traffic flow theory, operations and incident management. **Dr. Tufte** is a Post-Doctoral Research Associate in Computer Science who has joined the ITS Lab to work on the NSF PORTAL project which is archiving ITS data for the purpose of improved traffic assessment and modeling.



Robert Bertini presented research at the 8th International IEEE Conference on Intelligent Transportation Systems in Vienna, Austria, in September. He also served on the International Program Committee for the conference.

Dr. Wendelin Mueller (below), enjoying partial retirement, caught a 17 inch brown trout on the Middle Deschutes River.



Student News

The ASCE Student Chapter kicked off the 2005-2006 school year with a barbecue in early October. They have another busy year planned. Check their website (<http://www.asce.pdx.edu>) to stay posted about all their activities.

Advisory Council



The CEE Advisory Council will convene in November for the first of their quarterly meetings. Council members will tour the new building, discuss issues such as program goals and objectives, and hold a strategic planning session. 2005-2006 CEE Advisory Council members are:

Leon Kempner, Council President, BPA
 Dale Richwine, Council Vice Pres., MWH Americas
 Jory Abrams, CH2M Hill
 Mort Anoushiravani
 Al Barkouli, David Evans & Associates
 David Crawford, Crawford Engineering Associates
 Ken Husby, W&H Pacific
 Wayne Kittelson, Kittelson & Associates, Inc.
 Jared Lewis, Catena Engineers
 Arlan Rippe, Kleinfelder
 Wesley Spang, GeoCon
 Ela Whelan, URS Corporation

Above, Ken Husby (right) and Scott Wells tour the new engineering building.

Donors

Donors to CEE for July-October 2005 include: Scott and Leah Wells and David Evans & Associates, Inc. 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.