HP DONATES BUILDING LEASE WORTH $2M FOR RESEARCH CENTER--

Hewlett-Packard Company has donated a large building located on its Corvallis campus to serve as the temporary home of OSU Engineering's microtechnology research program. The lease donation is valued at $2 million and the new space will catalyze efforts to create a major Signature Research Center in Oregon where an emerging technology called MMD (Multiscale Materials and Devices) can flourish. The new center will include work by OSU Engineering faculty, researchers, and students in collaboration with colleagues at the University of Oregon, Pacific Northwest National Labs, Portland State University, and the Oregon Graduate Institute at Oregon Health and Science University. Officials estimate that research funding at the center and new company spin-offs will create jobs, which is good news for the Oregon economy. Read the Oregonian account: http://www.oregonlive.com/business/oregonian/index.ssf?/base/business/105559179760881.xml

STUDENT @ OSU Engineering

STAR BIOENGINEERING GRAD BOUND FOR MED SCHOOL--

Among the record-setting number of new OSU engineers who received diplomas during the June 15 commencement ceremony was Brandon Togioka, who graduated magna cum laude and did lots more than just hit the books during his years at OSU. This standout bioengineering student was one of only 16 students in the nation selected to spend a year doing cancer research at the National Institutes of Health. He also volunteered to work with an autistic boy in Corvallis, served as a resident assistant in a residence hall, and in August heads for Johns Hopkins University Medical School in Baltimore. Read his story: http://www.oregonlive.com/search/index.ssf?/base/news/105576479380091.xml?oregonian?lcg

STUDENT EARNS FIVE DEGREES, SETS NEW OSU RECORD--

Casey McCoy graduated from OSU last month after earning a record-setting five undergraduate degrees, including four in engineering, and all with the academic distinction of magna cum laude. McCoy, who grew up one of three brothers in a logging family near Junction City, Oregon, always knew he wanted to go to college, but wasn't sure what he wanted to study. http://oregonstate.edu/dept/ncs/newsarch/2003/Jun03/grad.htm

CHEMICAL ENGINEERING STUDENT CHAPTER HONORED--

The American Institute of Chemical Engineers (AIChe) Student Chapter at OSU has been named the Organization of the Year by the OSU Student Involvement Office. Executive officers of the chapter include Jim Parker, Sean Thomas, Shawna Togioka, Lindsey Kato, and Eileen Hebert. The faculty advisor for the group is Chemical Engineering professor Skip Rochefort. Read more: http://che.oregonstate.edu/AIChe

INDUSTRY COLLABORATION @ OSU Engineering

TECH COMPANIES HELP OREGON "GROW ITS OWN" ENGINEERS--

Four local high-tech companies have stepped up with $250,000 in AeA Technology Scholarship Awards for 25 outstanding Oregon high school seniors who want to study engineering or computer science at Oregon universities. Of the 25 recipients, 19 will study at OSU this fall. The sponsoring companies are Hewlett-Packard Co., InFocus Corp., Intel Corp., and Pixelworks Inc. The program is administered by the Oregon University System. Read more in the Business Journal: http://portland.bizjournals.com/portland/stories/2003/06/16/daily51.html

TEK CONTRIBUTES NETWORKING EQUIPMENT WORTH $350,000--

Here's a great networking story about connections and how a local company is helping OSU Engineering. Recently, a Tektronix employee whom Computer Science professor Cherri Pancake met in connection with a conference that she chaired in Portland a few years back, called her to ask if the College of Engineering would be interested in a donation of Cisco network switch equipment that Tek no longer needed. Needless to say, Pancake was thrilled. The equipment, valued at approximately $350,000, is far more powerful than anything currently at OSU, and is capable of supporting approximately two orders of magnitude more traffic than the College currently can. And because the equipment has been deployed at the Northwest Gigapop, which connects the state's educational network to the Internet2 high speed network, many more Oregonians will benefit as well. That's collaboration. Thanks, Tek!

BUILDING @ OSU Engineering
HISTORY CHANNEL FEATURES OSU WAVE LAB--

Construction of the world's largest tsunami wave basin is still in full swing at the O. H. Hinsdale Wave Research Laboratory (WRL) on campus, and already the new facility is drawing lots of attention, says Dan Cox, director of the lab. The History Channel aired footage filmed at the facility in a program called "Nature Tech: Tsunamis" on July 8. A grand opening and demonstration of the new wave basin is scheduled for September 13. For more information about the WRL, including K-12 outreach, educational tours, and a web cam, go to: http://wave.oregonstate.edu. A computer animated fly-through of the lab generated by Computer Science professor Ron Metoyer can be viewed at: http://wave.oregonstate.edu/About_Us/events/tours/virtualtour/index.html

FUNDRAISING @ OSU Engineering

CALLAHAN FAMILY FUND ESTABLISHED IN CHEMICAL ENGINEERING--

Darry Callahan, a 1964 OSU Chemical Engineering graduate and longtime Chevron executive, and his wife Betty have established The Callahan Family Fund with an endowed gift of $25,000, including a matching gift from Chevron. The endowed fund enables the College of Engineering to provide an undergraduate scholarship or a graduate fellowship to a deserving student. To support scholarships or other parts of the Top-25 Campaign, go to: https://www.c-esystems.com/orst/giving/giving.htm

FACULTY & STAFF @ OSU Engineering

ALEXANDRE TENCA NAMED PROFESSOR OF THE YEAR--

School of EECS assistant professor Alexandre F. Tenca has been named the "EECS Professor of the Year" by the student chapter of IEEE. Brazilian-born Tenca received his MS and PhD in computer science from UCLA and won a National Science Foundation CAREER Award in 2001. He is co-director of the Information Security Laboratory (ISL) at OSU, leading the team working on hardware for cryptography. http://eecs.oregonstate.edu/~tenca/

DEBORAH PENCE EARNS EMERGING SCHOLAR AWARD--

The OSU branch of the national honor society Phi Kappa Phi recently honored mechanical engineering professor Deborah V. Pence with its Emerging Scholar Award. The annual award recognizes non-tenured faculty for outstanding research or creative activity in his or her field of study and provides a $1,000 honorarium to the recipient.

INNOVATIONS @ OSU Engineering

ADOBE'S LASSO TOOL DEVELOPED BY OSU FACULTY MEMBER--

Assistant professor of Computer Science Eric Mortensen created the Magnetic Lasso Tool that people use every day in Adobe Photoshop. Learn more about Mortensen, his early "intelligent scissors" research that led to the Lasso Tool, other research projects he's working on, and why he's chosen this career. http://eecs.oregonstate.edu/news/profile.html

ALUMNI @ OSU Engineering

FORMER CHAIRMAN OF CH2M HILL RECEIVES HONORARY DOCTORATE--

James W. Poirot, who earned a degree in civil engineering from OSU in 1953 and is one of the nation's most respected engineers, was given an honorary doctorate degree during commencement ceremonies on June 15. Poirot has served as chairman of the board of CH2M HILL, president of the American Society of Civil Engineers, and is a member of the prestigious National Academy of Engineers. http://oregonstate.edu/dept/ncs/newsarch/2003/Jun03/poirot.htm Watch the graduation ceremonies via streaming video at: http://oregonstate.edu/events/commencement/2003/online.html

NASA ASTRONAUT RECEIVES OSU DISTINGUISHED SERVICE AWARD--

Donald Pettit, who returned to Earth in May aboard a Russian spacecraft after six months on the International Space Station, was honored with OSU's prestigious Distinguished Service Award during OSU's commencement ceremony on June 15. Pettit was unable to attend the ceremony because of NASA's post-orbit flight restrictions, but accepted the award via video. "I am deeply moved by this honor," Pettit said. http://oregonstate.edu/dept/ncs/newsarch/2003/Jun03/pettit.htm Watch the graduation ceremonies via streaming video at: http://oregonstate.edu/events/commencement/2003/online.html

HEARD ON CAMPUS @ OSU Engineering

"I can certainly say in hindsight that the engineering tools I learned in the Department of Chemical Engineering at Oregon State University have certainly done well for me in the development of my career."

--Donald Pettit, NASA Astronaut, accepting the OSU Distinguished Service Award via video at commencement on June 15th

UPCOMING EVENTS @ OSU Engineering

Innovative hands-on learning programs for students in grades 4 through 12 that emphasize, math, science, and technology. Chemical Engineering professor Skip Rochefort and other OSU Engineering faculty, as well as many industry partners will be participating. [http://www.ogi.edu/satacad/ase/index.html](http://www.ogi.edu/satacad/ase/index.html)

**July 18-20, DaVinci Days**, Corvallis' three-day festival celebrating art, science, and technology. Stop by the OSU Engineering booth to make art with robots, sit in a student-built race car, and watch an award-winning baseball tossing machine do its thing. [http://www.davinci-days.org](http://www.davinci-days.org)

**September 13, Tsunami Wave Basin Grand Opening, O. H. Hinsdale Wave Research Lab, OSU campus.** The largest tsunami wave basin in the world will go to work making coastal communities safer. For more information: [http://wave.oregonstate.edu](http://wave.oregonstate.edu)

**November 1, Homecoming, vs. Arizona.** Plan to visit the OSU Engineering tent to meet alumni and friends and see the latest research projects.

**IMPORTANT LINKS @ OSU Engineering**

- Read MOMENTUM! on the Web at: [http://engr.oregonstate.edu/momentum](http://engr.oregonstate.edu/momentum)
- Send us your feedback, ideas, and news: OSUEngineering@oregonstate.edu
- Visit the College of Engineering at: [http://engr.oregonstate.edu](http://engr.oregonstate.edu)
- Visit the OSU Foundation at: [http://www.osufoundation.org](http://www.osufoundation.org)
- Visit the OregonEngineer website at: [http://oregonengineer.org](http://oregonengineer.org)
- For weekly updates about OSU, subscribe to “eClips,” a service of the Oregon State University Alumni Association, at: [http://www.alumni.oregonstate.edu/eclips](http://www.alumni.oregonstate.edu/eclips)