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RESEARCH ADVANCING ON PORTABLE PERSONAL COOLING SYSTEM--
Researchers in the OSU Engineering research cluster Multi-Scale Materials & Devices (MMD) are making impressive progress on a $6-million project aimed at developing personalized, lightweight cooling systems for members of the armed forces to use in hot-weather conditions. The MMD technology being developed at OSU has a wide range of other applications and the potential to create an entirely new industry in Oregon.
http://oregonstate.edu/dept/ncs/newsarch/2003/Jul03/funding.htm

BIOENGINEER HELPING IMPROVE GROUNDWATER QUALITY--
Bioengineering professor John Selker is looking below the Earth’s surface, where most of our food is rooted and our water is filtered. He wants to better understand how soil gains the structure that makes it possible to grow plants and filter contaminants.
http://extension.oregonstate.edu/oap/story.php?S_No=62&storyType=oap&page=1

STUDENT BRIDGE DESIGNERS TAKE TOP HONORS--
A team of OSU Engineering students who entered their bridge design in the National Timber Bridge Design Contest won 1st place for aesthetics and 2nd place for both overall design and most practical design. Their efforts earned the OSU-ASCE Student Chapter $2,550 in prize money. Student team members included: Elias Hahn, Travis Johnson, AeYoung Lee, Sean Moran, Jared Owen, Patreeda Pattaradon, John Poland, Norm Tindall, and Leslyn Tsugawa. For more info: http://www.msrdc.org/b-result03.htm

INDUSTRY COLLABORATION @ OSU Engineering

INDUSTRY EXEC NAMED COLLABORATOR OF YEAR--
Bob Larkin, who built the company Janel Labs (now owned by Radio Frequency Systems), has been named “Industry Collaborator of the Year” by the School of Electrical Engineering & Computer Science.
http://eecs.oregonstate.edu/industry/coty.html

BUILDING @ OSU Engineering

TSUNAMI WAVE BASIN READY TO GENERATE FIRST BIG WAVES--
Workers at the College of Engineering’s O. H. Hinsdale Wave Research Laboratory are putting the finishing touches on what is now the largest—and most-wired—tsunami wave research facility anywhere in the world. A formal Grand Opening is scheduled for September 13 with a public Open House to follow on October 16-18. Speakers at the Grand Opening include Bill Wulf, president of the National Academy of Engineering; John Brighton, head of the National Science Foundation’s Engineering Directorate; and others. See the new tsunami wave basin via webcam at: http://wave.oregonstate.edu/
KELLEY ENGINEERING CENTER WEBCAM UP AND RUNNING--
Watch minute-by-minute progress as construction of the new Kelley Engineering Center shifts into high gear! Site work has started on the 4-story 143,000-square-foot, "green" building that will be the new home of the School of Electrical Engineering & Computer Science.
http://engr.oregonstate.edu/top25/building/webcam/

FACULTY & STAFF @ OSU Engineering

NE PROFESSOR APPOINTED TO NASA COMMITTEE--
Andrew C. Klein, head of the Dept. of Nuclear Engineering & Radiation Health Physics, has just been appointed to NASA’s Space Science Advisory Committee (SScAC). Klein’s appointment comes as part of a new program within NASA involving development of nuclear fission power reactors and radioisotope generators needed to allow spacecraft to travel long distances away from the Sun.
http://spacemathematics.nasa.gov/adv/sscac.htm

CHEMICAL ENGINEERING PROF NOMINATED FOR NSF AWARD--
Chemical Engineering professor Skip Rochefort, whose Herculean recruiting efforts are responsible for bringing many outstanding students to the College, has been honored for his tireless recruiting work with a nomination for the National Science Foundation’s Presidential Award for Mentoring. Prior to joining the College in 1993, Rochefort held industrial research positions for Dow Chemical, Kodak Research Laboratories, and AT&T Bell Laboratories. http://www.oregonengineer.org/

INNOVATIONS @ OSU Engineering

NE/RHP GRAD DEGREES NOW AVAILABLE LONG DISTANCE--
The Dept. of Nuclear Engineering & Radiation Health Physics will begin offering graduate degrees via OSU’s Extended Campus (http://ecampus.oregonstate.edu) starting this fall to help address a national and international demand for more advanced education by working professionals in these fields. OSU is one of only a few other universities offering distance degrees in this area. http://oregonstate.edu/dept/ncs/newsarch/2003/Jul03/nuclear.htm

ALUMNI @ OSU Engineering

PETTIT ON TAP TO VISIT COE FOR HOMECOMING--
OSU Chemical Engineering alumnus and NASA astronaut Donald Pettit plans to visit OSU and the College of Engineering during Homecoming this November. Pettit spent almost six months aboard the International Space Station before returning to Earth last May and was awarded the university’s Distinguished Service Award at commencement ceremonies this past June.

HEARD ON CAMPUS @ OSU Engineering

“We’ve been working closely with OSU engineering faculty for several decades…, and the relationship has been very valuable to Tektronix. Many of our engineers are OSU alums, and some of our most outstanding technical innovations in oscilloscopes, logic analyzers, color printing, and video have been driven by OSU engineering graduates.”

--Jack Hurt, Director of Foundry Relations and Manager, Microelectronics Mixed-Signal Design Automation, Tektronix

UPCOMING EVENTS @ OSU Engineering

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
October 16, 17, 18, Tsunami Wave Basin OPEN HOUSE O. H. Hinsdale Wave Research Lab, OSU campus, 9 AM - 4 PM, free and open to the public, reservations not required for groups less than 20, for more information, go to: http://wave.oregonstate.edu
October 22, Engineering Career Fair, OSU Campus. Opportunity for companies to connect
with OSU’s graduating engineers: [http://oregonstate.edu/career](http://oregonstate.edu/career). School of EECS hosts “Industry-Senior Dinner” the night before (contact Tina Batten at [tina.batten@oregonstate.edu](mailto:tina.batten@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://enr.oregonstate.edu/momentum](http://enr.oregonstate.edu/momentum).
- Send us your feedback, ideas, and news: OSUEngineering@oregonstate.edu
- Visit the College of Engineering at: [http://enr.oregonstate.edu](http://enr.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)