

the uo's newsletter for faculty, staff, and graduate teaching fellows

june 20, 2005

featured stories



Diversity Plan Preparation Enters Next Phase

A recently presented draft of the university's five-year diversity plan is now being reviewed and refined by university constituencies. The plan will be further reviewed by a Diversity Executive Working Group that has just been appointed by President Dave Frohnmayer.

[Full Story...](#)



Summer Session: Courses Attract 8,500 Students

For the 105th consecutive year the University of Oregon offers a 12-week summer term starting today that is expected to include 8,500 students, 800 instructors and 727 students from other nations.

[Full Story...](#)



Summer Session: Campus Hours

Since most campus facilities are active during the summer, building hours remain unchanged, with UO Public Safety personnel locking buildings beginning at 5 p.m.

[Full Story...](#)



Summer Session: Off Campus Courses

< Students do research on the beach in the Oregon Institute of Marine Biology summer courses.

The Eugene campus is not the only venue for summer session coursework. University of Oregon students study at a variety of locations throughout Oregon, nationally and internationally, taking biology in Ecuador, architecture and

potpourri



Times of London, Newsweek Highlight Digitizing Research Of Oregon Professors

< This is one of Kent Stevens' 3-D dinosaur recreations.

For the past decade, **Kent Stevens**, professor of computer and information science, has focused his research on creating a digital tool for parametric modeling of skeletons and using that tool to help scientists study dinosaurs.

[Full Story...](#)

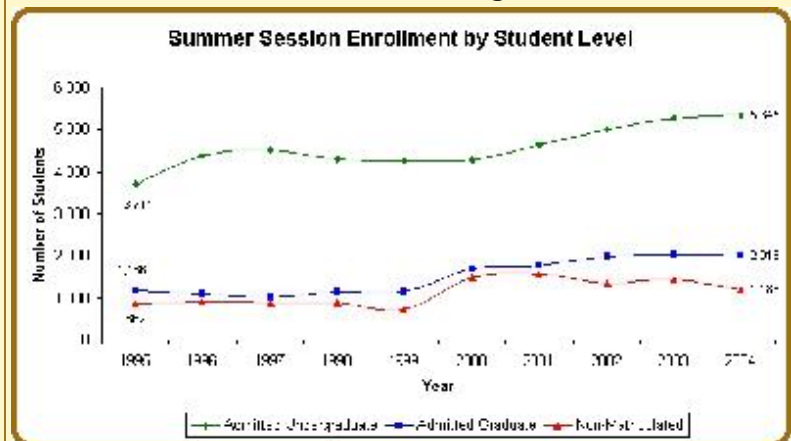
Technology Company Teams Up With University Researchers

University of Oregon nanotechnology expertise and equipment will play a major role in a two-year, \$750,000 research contract recently awarded to a Beaverton-based technology company.

[Full Story...](#)

UO by the Numbers

Summer Session Attracts Undergraduates



Summer session continues to draw increasing numbers of undergraduates.

[Full Story...](#)

Make a Date

art programs in Italy, and landscape architecture in Japan.

[Full Story...](#)



Summer Session: Camps and Conferences

There are 3,200 beds available in campus residence halls, and just about every one will be filled this week. Camp and conference season begins with a roar as 900 kids descend onto campus for the University of Oregon Football Camp, along with many other students participating in events taking place now through the end of August.

[Full Story...](#)



Summer Research Spotlight: Rosenberg Probes Timelines For New Book

Dan Rosenberg, assistant professor of history in the Clark Honors College, will spend his summer immersed in timelines. Winner of a National Endowment for the Humanities (NEH) summer stipend, Rosenberg will conduct a broad survey of the history of timelines from the sixteenth to the nineteenth centuries for his new book, *The Graphic Invention of Modern Time*.

[Full Story...](#)



Higher Education Budgets Go Forward In State House, Senate

The Oregon House of Representatives and Senate budget subcommittees acted last week on the higher education operating budget, approving spending plans similar in most respects that include slightly more funding than the governor's recommendation.

[Full Story...](#)



Renowned Physicist To Address Convocation 2005

< Convocation speaker S. James "Jim" Gates Jr.



KWAX To Feature Oregon Bach Festival Updates, Interviews

As the university's Oregon Bach Festival begins three weeks of music [this weekend](#), KWAX FM 91.1, the university's noncommercial, all-classical music radio station, plans to offer multiple festival audio treats.

[Full Story...](#)

Make a Date



Horn Will Discuss Her Lifetime Advocacy of Intellectual Freedom

The university's Library Staff Development Committee presents librarian-activist Zoia Horn at 10:30 a.m. on Thursday, June 30, in the Knight Library Browsing Room for a presentation based in part on her lifetime role as an advocate for intellectual freedom.

[Full Story...](#)

Make a Date



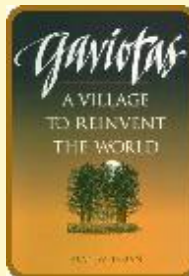
University Hosts Northwest 'Big Brass Bash' July 8-10

< Matt Tropman is a headliner.

The University of Oregon School of Music will host the 2005 Harvey Phillips Northwest Big Brass Bash, July 8-10. The event is part of the Northwest International Tuba and Euphonium Association's 2005 Regional Conference.

[Full Story...](#)

Make a Date



Journalist To Lecture June 23 On 'Hope In The Midst Of Hell'

< Cover of Weisman's book that will be a basis for his university lecture.

Noted environmental journalist Alan Weisman will present a lecture on a harsh, foreboding region of Colombia that has been transformed into a sustainable model community on Thursday, June 23. Weisman's lecture is part of the sixth biennial Conference of the Association for the Study of Literature and Environment, hosted by the university and

This fall, the university will merge two campus-wide ceremonies traditionally held early each fall into a joint Sept. 25 University Convocation featuring renowned physicist S. James "Jim" Gates Jr., the John S. Toll Professor of Physics and director of the Center for String and Particle Theory at the University of Maryland.

[▶ Full Story...](#)

Williams Awards Announced For Undergraduate Teaching Proposals, Fellows

The 2005–6 awards from the Tom and Carol Williams Fund for Undergraduate Education have been announced in support of four outstanding course proposals and in recognition of three leading teachers.

[▶ Full Story...](#)

Scene on Campus



Lawrence Medal Winner Renews University Ties During Visit

London architect Rick Mather dropped by for a chat with President Dave Frohnmayer before receiving the Ellis F. Lawrence Medal, the highest alumni honor in the School of Architecture and Allied Arts, at the June 11 commencement.

[▶ Full Story...](#)

Gifts



Farwest Steel Gives \$1-Million To Jordan Schnitzer Museum of Art

< "Mountain Spirit," Korean Joseon period, 19th century, ink and color on cloth 39-3/4 x 25-1/2 inches. On loan from the Mattielli Collection.

Farwest Steel has made a \$1-million gift to support Korean art at the University of Oregon's Jordan Schnitzer Museum of Art, leaders of the university's Campaign Oregon recently announced.

[▶ Full Story...](#)

the Department of English.

[▶ Full Story...](#)



'Window On The Brain' Could Help Treat Disorders

< A subject wears a Geodesic Sensor Net that has 256 electrodes to measure brain conductivity. The model shows what would result if an area of the person's left frontal lobe was physiologically active, creating electrical fields that propagate through the skull to be measured at the surface.

A discovery by scientists at the University of Oregon's Neuroinformatics Center (NIC) promises to help physicians "see" electrical activity in the brain more clearly, opening the way to improved medical care for epilepsy and other brain disorders.

[▶ Full Story...](#)

Scene on Campus



New Chamber Provides Cutting-Edge Cardiovascular Research

The Department of Human Physiology recently acquired a new environmental chamber that can simulate altitudes up to 18,000 feet, control temperature at an exact point from 14 to 122 degrees Fahrenheit and precisely regulate humidity. The sophisticated chamber is expected to be central to the research of John Halliwill and Chris Minson, co-directors of the Exercise and Environmental Physiology Laboratories.

[▶ Full Story...](#)

Bargains



Free BBQ Offer From UO Bookstore

Use [the coupon attached](#) and receive a free Oregon football mini BBQ with your next university sportswear and memorabilia purchase of \$100 or more. New arrivals include casual wear for summer merchandise for the summer season.

[▶ Full Story...](#)

End Note

This edition of *Inside Oregon* is the last of the biweekly issues for the 2004-5 school year. The next issue will be an Aug. 15 summer edition. The biweekly schedule resumes at the start of the 2005-6 school year on Sept. 26. [Click here](#) for the future publication schedule and call for

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Diversity Plan Preparation Enters Next Phase

A recently presented draft of the university's five-year diversity plan is now being reviewed and refined by university constituencies. The plan will be further reviewed by a Diversity Executive Working Group that has just been appointed by President Dave Frohnmayer.

Frohnmayer said the group will discuss the existing plan through the summer and have a "next draft" ready for discussion at the start of the fall term. Frohnmayer added that this is needed "so we can move expeditiously to developing a final diversity plan in the fall when we have a full complement of faculty, staff and students on campus."

The effort has included numerous public forums to solicit campus and public input. "We need to involve all levels of campus community," Frohnmayer emphasized. "This is a totally inclusive effort, and everyone is invited to participate."

Members of the Diversity Executive Working Group include:

- Suzanne Clark, professor of English
- Matthew Dennis, professor of history
- Nilendra Deshpande, professor of physics
- Susan Gary, associate professor of law
- Warren Ginsberg, professor of English
- Tim Gleason, professor of journalism and communication and dean of the school
- Gordon Hall, professor of psychology
- Robin Holmes, director of the Counseling and Testing Center
- Richard Koch, professor of mathematics
- Charles Martinez, associate professor of educational leadership

- Mia Tuan, associate professor of sociology
- Adam Walsh, undergraduate student (history).

Gary and Hall will serve as the group's co-chairs.

For questions and more information, contact the Office of Institutional Equity and Diversity at (541) 346-2084.



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UNIVERSITY OF OREGON 2005 SUMMER SESSION



UNIVERSITY
OF OREGON

□ Summer Home

Starts June 20, 2005

Book Your Summer In Oregon!

News/Updates

June 21, 2005

[September Experience: September 6-16, 2005](#)

[Registration for the 2005 Summer Session is open
register now!](#)

[Summer Session 2005 Course Descriptions
are now online!](#)

- **Short courses, seminars, and workshops begin throughout the summer.**
- **2005 Summer Session course information is now available on-line here. Starts June 20 - August 12.**
- **If you have questions, please contact the Summer Session office, 333 Oregon Hall, (541) 346-3475, or send email to: uosummer@darkwing.uoregon.edu**

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<input type="checkbox"/>	Tuition and Fees
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<input type="checkbox"/>	Contact Info
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[Summer Home](#) | [Links](#) | [Contact](#) | [UO Home](#)



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Summer Session: Courses Attract 8,500 Students

For the 105th consecutive year the University of Oregon offers a [12-week summer term](#) starting today that is expected to include 8,500 students, 800 instructors and 727 students from other nations.

Every university department is involved in some way, said Ron Trebon, summer session director. Student ages range from 13 to 83. About 5,200 are undergraduates who carry class loads of eight credits; 2,000 are graduate students who average nine credits.

Included in the mix are a handful of senior citizens who regularly vacation in Eugene and make a point to take summer classes for personal enrichment.

"We have one elderly gentleman who has come here every summer for 25 years," Trebon said. "He's taken just about every course we have from A to Z over the years. He's a real Renaissance man."

Summer session also attracts a sizeable number of working individuals who want to earn credentials for advancement. For example, the [College of Education's administrator licensure course](#) has 60 participants. These future school administrators will spend four weeks studying school law, student learning, cultural competence in school organization and planning and social justice course work.


While today marks the official start of the term, a number of students got an early start last week by participating in 20 intense pre-session courses. These concentrated study opportunities offered "full immersion," according to Trebon, with class hours all day long. The courses ranged from English, folklore, history and international studies to art, multimedia design and journalism.

"I don't think people realize that in addition to the traditional four- and eight-week classes starting today, we have classes beginning every week throughout the summer and a lot of offerings in between, such as on weekends. So, it's never too late to contact us and sign up," he said. "We make the summer schedule very flexible."

It's also easy to register for classes. "You don't have to go through the normal admissions process," he said. "The only restriction is if a particular class has prerequisites."

Trebon has overseen the university summer session for 30 years. While enrollment has held steady in recent years, he has noticed that the number of students from other states has declined.

One thing has not changed in Trebon's three decades. "The students we get in summer are very focused," he stressed. "They know exactly what they want."

 [Back to Inside Oregon](#)

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- » [Home](#)
- » [About Us](#)
- » [Academic Programs](#)
- » [Application](#)
- » [Awards](#)
- » [Dates](#)
- » [Events](#)
- » [Fields of Study](#)
- » [Financial Aid](#)
- » [Find Faculty](#)
- » [Forms](#)
- » [Jobs](#)
- » [Licensure](#)
- » [Research & Outreach](#)
- » [Scholarships](#)
- » [Services](#)
- » [UO Resources](#)
- » [Ways to Give](#)

Administrator Licensure Newsletter



- » [Duckweb](#)
- » [Newsletter Home](#)
- » [Conference Calendar](#)
- » [Robert Bolden](#)
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Section 1

Course Calendar

Continuing Administrator Licensure Classes

EDLD 675 School Finance

Spring term 2005

â€¢ **Credits:** 3â€¢ **Instructor:** Kent Hunsaker, COSA Executive Directorâ€¢ **Place:** Linn-Benton-Lincoln ESD, 905 4th Ave. SE Albanyâ€¢ **Dates/Times:** April 1-2, April 22-23, May 13-14. Fridays are 5:00-8:00 and Saturdays 9:00-3:00.

EDLD 607 ContinUO: Executive Institute

Summer term 2005

â€¢ **Credits:** 3â€¢ **Instructor:** McCullumâ€¢ **Place:** EMU Ballroomâ€¢ **Dates/Times:** June 27-July 1. Monday-Friday 8:00- 4:00

Register by [Duckweb](#) for all courses. Syllabi are on the [Educational Leadership](#) website





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Summer Session: Campus Hours

Since most campus facilities are active during the summer, building hours remain unchanged, with UO Public Safety personnel locking buildings beginning at 5 p.m.

Today, the Erb Memorial Union (EMU) begins summer session hours of: 7 a.m. to 7 p.m., Monday through Thursday, and 7 a.m. to 5 p.m. on Fridays. The EMU will be closed on weekends except for IntroDUCkTion days in July. The facility's food court is reduced to two facilities -- Subway and Grateful Bread. The full contingent of EMU eateries opens again on Sept. 19, the first day of Week of Welcome. A new restaurant at the EMU, Panda Express, will begin service at that time.

Dining facilities at residence halls, open to all staff, faculty members and students during the school year, are closed during summer to accommodate camps and conferences.

Knight Library summer session hours are 8 a.m. to 9 p.m., Monday through Thursday, and 8 a.m. to 7 p.m. on Friday. Weekend hours are noon to 7 p.m. on Saturday and noon to 9 p.m. on Sunday. The library is closed Monday, July 4, in observation of Independence Day.

The Jordan Schnitzer Museum of Art is closed Monday and Tuesday, but open from 11 a.m. to 8 p.m. on Wednesday, and from 11 a.m. to 5 p.m., Thursday through Sunday. Marché Museum Café and museum store hours are from 9 a.m. to 4:30 p.m., Monday through Friday with extended Wednesday hours to 7:30 p.m. On Saturday and Sunday hours are from 11 a.m. to 4:30 p.m.

The Museum of Natural and Cultural History public hours for exhibits and the museum store are from 11 a.m. to 5 p.m., Tuesday through Sunday.

[Back to Inside Oregon](#)

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Summer Session: Off Campus Courses

< Students do research on the beach in the Oregon Institute of Marine Biology summer courses.

The Eugene campus is not the only venue for summer session coursework. University of Oregon students study at a variety of locations throughout Oregon, nationally and internationally, taking biology in Ecuador, architecture and art programs in Italy, and landscape architecture in Japan.

Here's a snapshot view of two nearby off-campus summer courses:

Oregon Institute of Marine Biology (OIMB): Seventy-five students from the University of Oregon and around the country start today with upper-division biology courses that take advantage of the diverse marine habitats close to the university's marine station at Charleston, Ore. Classes meet two to three times a week for full days, giving students the opportunity to take part in extensive field and laboratory work.

In some courses, students conduct advanced research projects. A number of students attend the OIMB summer session as part of the university's new marine biology major. The summer program provides an eight-week session with classes in invertebrate zoology, adaptations of marine organisms, fish biology and the biology of marine birds and mammals; two-week courses in experimental design and marine biology; and weekend workshops in biological illustration, invasion biology and deep-sea hydrothermal vents. [Click here](#) for more information on OIMB and its 2005 summer offerings.

Teachers Hone Craft of Writing: The Oregon Writing Project's 28th annual summer institute for K–12 teachers runs from today through July 15. The annual event is hosted by the College of Education's Center for Advanced Technology in Education and takes place this year at North Eugene High School. The project is affiliated with the National Writing Project, a network of 180 similar gatherings nationwide. The center has pioneered the application of electronic technologies for teaching and learning at all grade levels. Participants meet daily for four weeks, sharing knowledge and exploring classroom strategies for successful, inspiring writing instruction that integrates computers in teaching with peer response and editing groups.



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OIMB

OREGON INSTITUTE OF MARINE BIOLOGY



[About OIMB](#)

[Academic Programs](#)

[Faculty and Research](#)

[Visiting Researchers and Groups](#)

[Facilities](#)

[News and Events](#)

[U of O Links](#)

[Contact us](#)

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Site Design: [Splint Webdesign](#)



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Summer Session: Camps and Conferences

There are 3,200 beds available in campus residence halls, and just about every one will be filled this week. Camp and conference season begins with a roar as 900 kids descend onto campus for the University of Oregon Football Camp, along with many other students participating in events taking place now through the end of August.

"For the summer, we'll have about 9,000 people here attending 80 camps and conferences," said Tom Driscoll, director of food services, who oversees the summer influx. "The average stay is five to six days, but depending on the activity, some may be here as long as seven weeks."

The camps feature academic, music or athletic focuses. They range from the [University of Oregon Summer Enrichment Program](#), popular with staff and faculty members' children, to the National Cheerleaders and Dance Camp and a summer workshop for minority high school students. For sports aficionados there's a wide selection of baseball, basketball, football, lacrosse and tennis camps.

The season ends when the yells die down as a final national cheerleading camp finishes its routines Aug. 28.

[Click here](#) for the University of Oregon summer camp directory.



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Faculty

Alumni

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Prospective
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- » Home
- » About Us
- » Academic Programs
- » Application
- » Awards
- » Dates
- » Events
- » Fields of Study
- » Financial Aid
- » Find Faculty
- » Forms
- » Jobs
- » Licensure
- » Research & Outreach
- » Scholarships
- » Services
- » UO Resources
- » Ways to Give

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» [Youth
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Youth Enrichment: Prized Program Spots Open

Summer's here, and if your middle or high schooler is eager to dream and learn with talented peers, there are still some openings in the popular UO summer program for exceptional youth.

UO Summer Enrichment Program (SEP) is a two-week residential summer program providing stimulating academic experiences and spirited social activities specifically designed for gifted and highly able students completing grades 6 through 10. As we enter our 26th year, our talented staff continues to create a program where middle and high school students can explore new topics and ideas with other exceptional youth in a supportive and safe setting. Students do not need to be TAG-identified to participate in SEP.

Summer Enrichment Program dates for 2005:

Session 1 - June 26â€"July 9, 2005

Session 2 - July 10â€"July 23, 2005

During each two-week session, students live in university residence halls and attend six different classes chosen from a listing of 25 to 30 classes. Academic and arts-related classes are offered in a variety of subjects, including mathematics, science, social science, law, visual and performing arts, and creative writing. You may see a list of course descriptions for SEP 2005 on the website at www.uoyouth.org. Although curriculum is often designed at college-entry levels, there are no exams or homework. (Classes do not qualify for college credit.)

The Canoe Drops among the Shadows

Huck was nearly down to the foot of the island. "A little ripply, cool breeze begun to blow, and that was as good as saying the night was about done..." New this year, students currently in grades 6 and 7 may choose "**Down the Mississippi**," an active integrated learning experience inspired by Mark Twain! See the SEP website for more



information about this option.

All activities are closely supervised with a staff: student ratio of approximately 1:10, allowing us to address the specific needs of each age group and each individual. Students live in dorm groups divided by age and gender with a counselor and junior counselor residing with each group.

In the evenings and weekends, social and recreational activities provide opportunities for students to make friends and spend time with other exceptional youth. A relaxed and fun atmosphere creates a community where students feel a true sense of belonging with their intellectual peers. Thousands of students from the United States and overseas have returned year after year to share this unique experience, creating memories and friendships that last a lifetime.

Although the majority of SEP students come from Oregon, out-of-state students in 2004 traveled from Washington, Alaska, Idaho, California, Illinois, Indiana, and New Jersey. We have also had students from Japan, Korea, Taiwan and the United Kingdom in previous years.

Although the SEP application deadline was May 15th, applications will continue to be considered on a space available basis. Total cost including tuition, room and board is \$1065 plus a \$25 nonrefundable registration fee.

For more information, contact Cheryl Hunter, Summer Enrichment Coordinator:

Voice: (541) 346-1405

Fax: (541) 346-3594

Email: sep@uoregon.edu

Website: www.uoyouth.org



UNIVERSITY OF OREGON

UNIVERSITY CATERING
AND CONFERENCES

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Information

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Services

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Conferences

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Conferences

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Youth Camps

Overnight Youth Camps 2005

What kind of camp are you looking for?

Academic • Music • Athletics

Looking for day camps?

Check out the UO Summer
Camp directory.



Academic

Debate Institute

August: 1 - 14, 2005

Contact: Aaron Donaldson

Phone: (541)346-4186

Email: adonald2@darkwing.uoregon.edu

Summer Workshop for Minority High School Students

June 17 - 25, 2005

Contact: Pam Cytrynbaum

Phone: (541) 754-3446

Email: pamcy@uoregon.edu

University of Oregon Summer Enrichment Program

Session 1 - June 26 - July 9, 2005

Session 2 - July 10 - July 23, 2005

Contact: Cheryl Hunter

Phone: (541) 346-1405

Email: sep@uoregon.edu

Music

Oregon Bach Youth

June 25 – July 6, 2005

Contact: Marla Lowen

Phone: (541) 346-1316

Email: mlowen@uoregon.edu

PICC Fest

July 22-29, 2005

Contact: Peter Robb

Phone: (541) 465-9600

Email: peter@oregonfestivalchoirs.org

University of Oregon 58th Annual Band Camp

July 10 - 16, 2005

Contact: Todd Zimbelman

Phone: (541) 346-5568

Email: tzimbelm@uoregon.edu

Web Site: <http://music.uoregon.edu/EventsNews/Camps/campsgen.html>

University of Oregon Drum Major Camp

July 17 - 23, 2005

Contact: Todd Zimbelman

Phone: (541) 346-5568

Email: tzimbelm@uoregon.edu

Web Site: <http://music.uoregon.edu/EventsNews/Camps/campsgen.html>

University of Oregon Jazz Improvisation Camp

July 24 - 29, 2005

Contact: Todd Zimbelman

Phone: (541) 346-5568

Email: tzimbelm@uoregon.edu

Web Site: <http://music.uoregon.edu/EventsNews/Camps/campsgen.html>

Athletics

University of Oregon Boys Basketball Team Camp

June 24-26, 2005

Contact: Mark Hudson

Phone: 1-800-249-7209 • 346-0493

Email: coachhud@uoregon.edu

Web Site: <http://www.goducks.com> (See Camps)

University of Oregon Girls Elite Basketball Camp

June 27- 30, 2005

Grades: 9 - 12

Contact: Natasha Ruckwardt

Phone: (541) 346-5858

Email: nruckwar@gladstone.uoregon.edu

University of Oregon Girls Team Basketball Camp

June 17 - 19, 2005

Grades: 9 - 12

Contact: Natasha Ruckwardt
Phone: (541) 346-5858
Email: nruckwar@gladstone.uoregon.edu

Boys La Crosse Camp

July 10 - 14, 2005
Contact: Lorne Smith
Phone: (415) 516-6720
Email: lorne@warriorlacrosse camps.com
Web Site: www.warriorlacrosse camps.com

Girls La Crosse Camp

July 7 - 10, 2005
Contact: Jen Larsen
Phone: (541) 346-5341
Email: jlarsen@uoregon.edu
Web Site: www.warriorlacrosse camps.com

United Spirit Association

August 3 - 6, 2005
Contact: Mary Sparacino
Phone: (408) 970-8484
Email: mary@usacamps.com

National Cheerleaders & Dance Camp

July 26 - 29, 2005
Contact: Leah Arnhold
Phone: (800) 527-4455
Email: larnhold@nationalspirit.com
Web Site: www.nationalspirit.com

Universal Cheerleaders Association

July 7-10, 2005
Contact: Martha Conrad
Phone: (800) 947-3101
Email: mconrad@varsityspirit.com
Web Site: www.varsity.com

University of Oregon Football Camp

June 19 -23, 2005
Contact: Jeff Hawkins
Phone: (541) 346-6389
Web site: www.goducks.com (See Camps)

University of Oregon Soccer Camp

July 16 - 20, 2005
Contact: Mike Smith
Phone: 541-346-5292

University of Oregon Softball Camp

June 20 - 23, 2005
Ages: 10 - 18
Contact: Amy Hayes
Phone: (541) 346-3393
Email: ahayes@uoregon.edu
Website: www.goducks.com (See Camps)



Tennis Camp 1

June 26 - July 21, 2005
Contact: Kevin Kowalik
Phone: (541) 346-5570
Web Site: www.goducks.com

University of Oregon Track Camp - Cross Country

July 10 -15, 2005
Contact: Bill Lawson
Phone: (541) 346-6185
Email: ducktrackcamp@hotmail.com
Web Site: www.goducks.com

University of Oregon Volleyball Advanced Camp

July 12 - 15, 2005
Contact: Stacy Metro
Phone: (541) 346-4459
Web Site: www.goducks.com

University of Oregon Volleyball Specialty Camp

July 9 - 11, 2005
Contact: Stacy Metro
Phone: (541) 346-4459
Web Site: www.goducks.com

University of Oregon Volleyball Team Camp

July 16 - 19, 2005
Contact: Stacy Metro
Phone: (541) 346-4459
Web Site: www.goducks.com

University of Oregon Wrestling Intensified Camp

July 31 - August 12, 2005
Contact: Rick Stewart
Phone: (541) 346-5495
Email: rstewart@uoregon.edu
Web Site: www.goducks.com

University of Oregon Wrestling Team Camp

July 17 - 21, 2005
Contact: Rick Stewart
Phone: (541) 346-5495
Email: rstewart@uoregon.edu
Web Site: www.goducks.com

University of Oregon Wrestling Technique I & II Camp

Session 1: August 1 - 5, 2005
Session 2: August 8 - 12, 2005
Contact: Rick Stewart
Phone: (541) 346-5495
Email: rstewart@uoregon.edu
Web Site: www.goducks.com

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Summer Research Spotlight: Rosenberg Probes Timelines For New Book

Daniel Rosenberg, assistant professor of history in the Clark Honors College, will spend his summer immersed in timelines. Winner of a National Endowment for the Humanities (NEH) summer stipend, Rosenberg will conduct a broad survey of the history of timelines from the sixteenth to the nineteenth centuries for his new book, *The Graphic Invention of Modern Time*.

His research, which also is being supported by fellowships from the NEH and the Clark Library and Huntington Library in Los Angeles, challenges the idea that the timeline is a natural representation of historical time.

"My goal in this work is to put in to question the natural character of linear historical thinking and to provide alternatives to strictly linear thinking in the field of historiography," he said.

Rosenberg, who hopes to complete and publish his new book on the subject next year, explained that no image is more closely associated with history than the timeline. But this visual tool has yet to receive a proper historical treatment of its own.

"While forms of historical narrative have long been subject to literary and historical analysis, the form of the timeline has been ignored," he said. "Viewed from the broadest possible perspective, the timeline has a history that extends back hundreds or even thousands of years. It has roots in printed chronologies and genealogies, calendars and canon tables, as well as traditional forms of narrative imagery depicting historical events and sequences."

Rosenberg's current research also focuses on a study of the groundbreaking *Chart of Biography*, published by English scientist and dissenting theologian, Joseph Priestley, in 1765.



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Higher Education Budgets Go Forward In State House, Senate

The Oregon House of Representatives and Senate budget subcommittees acted last week on the higher education operating budget, approving spending plans similar in most respects that include slightly more funding than the governor's recommendation.

The budgets now move to the full House and Senate budget committees, then to a budget conference committee to reconcile the differences between the two.

Compared to the last few legislative sessions, both budgets are steps in the right direction toward the governor's goal of stopping the disinvestment in higher education, according to the university's Office of Public and Government Affairs.

[Click here for the latest issue of the Governmental Affairs Update newsletter](#) with more information on the budgets. For more information, contact Tim Black, Public and Government Affairs advocacy director, [by e-mail](#) or by phone at (541) 346-5023.



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GOVERNMENT AFFAIRS UPDATE

Office of Public and Government Affairs

June 14, 2005 Issue #30

Higher Education Budget Moves in the Legislature

Today the House and Senate budget subcommittees finally acted on the higher education operating budget. The House and Senate budgets are similar in most respects and include slightly more funding than the Governor's recommended budget. The budgets now move to the full House and Senate budget committees, then to a budget conference committee to reconcile the differences between the two.

We do not expect the final budget to be lower than the House or Senate versions.

Compared to the last few legislative sessions, both budgets are steps in the right direction toward the Governor's goal of stopping the disinvestment in higher education.

Following is a summary of the two versions of the higher education budget as they relate to changes from the original Governor's Recommended Budget.

House Higher Education Budget (HB 5153)

- General Fund – \$690,833,406. This is an increase of \$30.9 million over the 2003-05 legislatively approved budget, and a \$22.5 million increase over the Governor's Recommended Budget. However, it should be noted that \$20.5 million in GF is a substitute for expected tuition revenues, and represents funding the tuition buy-down.
- Undergraduate Education – The House budget increases GF support for undergraduate education by \$13 million. These funds are to be distributed through the Resource Allocation Model.
- Tuition and Fees – The House budget provides \$20.5 million to fund a tuition buy-down from the Governor's recommended tuition increases. The Governor's budget called for a seven percent increase in tuition and fees in the first year of the biennium and five percent in the second year; the House budget calls

OUS	2003-05 Legislatively Approved Budget	2005-07 Governor's Recommended Budget	House Subcommittee Budget	Senate Subcommittee Budget
General Fund	\$659,911,792	\$668,254,529	\$690,833,406	\$684,610,725

for a 3.25 percent increase in tuition and fees the first year of the biennium and 3.5 percent the second year. The House funds the difference with \$15.4 million in GF. It also provides for \$5.1 million in GF to fund need-based fee remission awards for a total of \$20.5 million in GF. The House chose to fund fee remissions in lieu of increasing funding for the Oregon Opportunity Grant.

- Fee Remission Cap – The House repeals entirely the cap on programmatic and graduate fee remissions.
- Faculty Recruitment and Retention – The House appropriates \$1 million in GF for faculty recruitment and retention; \$190,000 of this amount is earmarked for Statewide Public Service faculty.
- K-16 Student Data System – The House appropriates \$2,081,250 to the Legislative Emergency Board for the K-16 data system.
- Additional GF Increases – \$2.3 million for the Agricultural Experiment Station; \$1.8 million for the Extension Service and \$300,000 for the Forest Research Laboratory.
- Budget Cuts – The House made program reductions in the following programs:
 - Chancellor’s office - \$700,000
 - Western Undergraduate Exchange Program and Fee Remission Equity - \$1.6 million
 - Campus Public Services - \$1 million
 - Cut GF for Information Technology purchases - \$5.1 million
 - Cut Services and Supplies and Capital Outlay - \$3.4 million.

Other technical adjustments were also made to the Governor’s Recommended Budget, the most

significant being a reduction of \$3.1 million in GF for projected PERS savings.

Senate Higher Education Budget (SB 5603)

- General Fund - \$684,610,725. This is an increase of \$24.7 million over the 2003-05 legislatively approved budget and \$16.3 million above the Governor’s Recommended Budget. However, it should be noted \$17.25 million in GF is a substitute for expected tuition revenues, and represents funding the tuition buy-down.
- Undergraduate Education – The Senate budget increases GF support for undergraduate education by \$4.9 million. These funds are to be distributed through the Resource Allocation Model. The Senate budget also provides for \$4.9 million in GF to fund enrollment growth to be distributed to campuses on the basis that fundable enrollment exceeds actual 04-05 academic year fundable enrollment.
- Tuition and Fees – The Senate budget provides \$17.250 million to fund a tuition buy down from the GRB tuition increases. The Governor’s budget called for a seven percent increase in tuition and fees in the first year of the biennium and five percent in the second year; the Senate budget calls for a three percent increase in tuition and fees in each year of the biennium. The Senate funds the difference with \$17.25 million in GF. The Senate also provided an additional \$6.45 million for the Oregon Opportunity Grant.
- Fee Remission Cap – The Senate increases the fee remission cap to 10 percent for

OUS Capital Construction Budget
is expected to be moved in the next few weeks.

programmatic fee remissions and eliminates the graduate fee remission cap.

- **Faculty Recruitment and Retention** – The Senate appropriates \$1 million in GF for faculty recruitment and retention. \$190,842 is earmarked for Statewide Public Service faculty.
- **K-16 Student Data System** – The Senate appropriates \$2,081,250 to the Legislative Emergency Board for the K-16 data system.
- **Additional GF Increases** - \$1.3 million for Agricultural Experiment Station; and \$500,000 for the Extension Service. and
- **Budget Cuts** – The Senate made program reductions in the following programs:
 - Natural Resources Institute - \$250,000
 - Chancellor’s office - \$700,000
 - Western Undergraduate Exchange Program and Fee Remission Equity - \$1.6 million.
 - **Campus Public Services** - \$1 million; the University of Oregon’s Labor Education Research Center (LERC) and a few other programs on other campuses are on a list of programs to be protected from the Senate cuts.
 - Cut GF for Information Technology purchases \$5.1 million, replaced with authority to issue COPS for the same amount
 - Cut GF support for the Oregon Joint Schools of Professional Business \$400,000.

Other technical adjustments were also made to the Governor’s Recommended Budget, the most significant being a reduction of \$3.1million in GF for projected PERS savings.

Sports Action Lottery (HB 3466)

HB 3466 may be considered by a Senate Committee this week. It passed the House unanimously on May 20. This bill eliminates Sports Action Lottery and designates one percent of lottery proceeds for programs that were formerly funded via Sports Action Lottery. Preliminary estimates on the fiscal impact of this bill indicate an overall increase in available lottery funding above the current Sports Action Lottery allocation.

ONAMI Funding (SB 838)

SB 838 is scheduled to move of the Senate Revenue Committee this week. This bill provides \$7 million for ONAMI – the Oregon Nanoscience and Microtechnologies Institute and makes other information technology statutory changes. A related bill, SB 853, was cleared for a floor vote today with a “do pass” recommendation by the Senate Revenue Committee. SB 853 establishes venture funds at OUS universities or university foundations for use in commercialization of university research.



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Renowned Physicist To Address Convocation 2005

< *Convocation speaker S. James "Jim" Gates Jr.*

This fall, the university will merge two campus-wide ceremonies traditionally held early each fall into a joint Sept. 25 University Convocation featuring renowned physicist S. James "Jim" Gates Jr., the John S. Toll Professor of Physics and director of the Center for String and Particle Theory at the University of Maryland.

The Sunday afternoon event, starting at 3 p.m., will celebrate the formal launch of the new academic year and the World Year of Physics 2005, which marks the 100th anniversary of Albert Einstein's "miracle year." During 1905, Einstein published three papers on his groundbreaking theories of light quanta, Brownian motion and special relativity.

Gates, who was featured in the PBS special "The Elegant Universe," has played a leading role in unifying Einstein's General Theory of Relativity with the theory of relativistic quantum mechanics. Widely published, he is the first African-American to hold an endowed chair in physics at a major research university in the United States.

All members of the university community and the general public are invited to attend. The location is still to be determined but the event is expected to attract upwards of 3,000 guests.



[Back to Inside Oregon](#)

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Williams Awards Announced For Undergraduate Teaching Proposals, Fellows

The 2005–6 awards from the Tom and Carol Williams Fund for Undergraduate Education have been announced in support of four outstanding course proposals and in recognition of three leading teachers.

Established in 1996, the fund recognizes creativity as being vital to good teaching and learning at the university. Each year, the fund provides undergraduate teaching awards for creative teaching proposals and fellowships for faculty members with a history of outstanding undergraduate teaching.

The 2005–6 Williams Fund Undergraduate Teaching Awards are as follows.

"The Medieval Feast in Theory and Practice," proposed and taught by Martha Bayless, associate professor of English.

(Award excerpt) "From the size of dining tables to the social status of different breads, the impact of housing arrangements on family arguments to the contents of the pantry, this groundbreaking interdisciplinary class promises a feast of learning as well as food.

"Seeking to engage students at the lower levels in ways that excite them about the possibilities of learning, this Humanities course sponsored by the Medieval Studies Program (where Bayless is director), will introduce them to hands-on techniques of research and analysis that can benefit them for the rest of their college careers—and beyond.

"Exploring such units of study as: The House and its Banquet Hall, The Master and Servants, How to Eat in the Fifteenth Century, The Food, What to Wear, The Entertainment, and The Feast Itself, this class may conclude (depending on university regulations) in a "Winter Medieval Feast" hosted and performed by the students themselves."

"Writing, Public Speaking and Critical Reasoning," proposed and taught by Jim Crosswhite, associate professor of English; David Frank, professor, Clark Honors College; and Anne Laskaya, associate professor of English.

(Award excerpt) "Too many outstanding students in a variety of disciplines graduate from college with little or no ability to communicate effectively in writing or public speaking. Because they have not had the opportunity to learn and practice, they can be reduced to making an embarrassed presentation behind a podium or, perhaps worse, addicted to the technology of PowerPoint presentations.

"Recognizing the vital importance of graduating with the ability to write well, speak in public and think critically, the faculty behind this class propose to create an interdisciplinary sequence of courses that combines teaching from philosophy, English and writing.

“Open to all majors, and with various degrees of involvement possible, the program promises to offer new dimensions of experience and learning that can enrich students’ lives long after they leave the university.”

“Redesign of Two Romance Language Courses,” proposed and taught by Gina Psaki, professor of Italian and Romance languages; Natalie Hester, professor of Romance languages; Barbara K. Altmann, associate professor of French; and Karen McPherson, associate professor of French.

(Award excerpt) “In an effort to attract more students to Romance languages, the faculty proposes to increase the size of an introductory class that, initially, looks at the cultural legacies of Italy and France without demanding that students learn the languages. A Spanish component will be added later. Though class size will be increased, a parallel goal of the class will be to do so without sacrificing quality or student-teacher contact.

“This proposal is aimed at increasing the university’s broad-spectrum humanities teaching in English to emphasize what the United States has gained and still needs to gain from outside its borders. The class will teach freshmen not only what Europe’s cultural legacies are, but also how to study, research and write about them.”

“A Hands-On Approach to Community Mapping,” proposed and taught by Marc Schlossberg, assistant professor of planning, public policy and management.

(Award excerpt) “Based on the belief that technology can serve society, even down to local neighborhoods, this class proposes to involve students in the use of Global Information Systems (GIS)—computerized map making—to help communities analyze various environments in order to make decisions that will benefit the community.

“Examples from the planning field include: understanding the distribution of poverty across Lane County, finding gaps in service delivery of social service agencies, or measuring just how convenient it is or isn’t for children to walk to and from school. With applications in geography, geology, landscape architecture, sociology and business, to name a few, this class promises to involve undergraduate students in experiences that will benefit them as well as their communities.”

The 2005–6 Williams Fellowships in support of outstanding undergraduate teaching are as follows:

Tom Bivins, professor of journalism and communication

(Award excerpt) “A tenured professor since 1985, Bivins has a long history of experience with undergraduate education, leading the public relations program and maintaining the highest standards, even in mass-lecture classes. Known by his students as a compassionate yet rigorous instructor, he has been instrumental in turning the school’s small ethics offerings into a series of courses that have drawn national and international attention.

“With interest and energy being put into developing interactive course modules to better serve his students, he also is working with the university’s Department of Philosophy and Lundquist College of Business to develop further courses in professional ethics.”

Karen Ford, associate professor of English

(Award excerpt) “Selfless dedication to her students, to the campus community and to the profession at large marks the teaching career of Karen Ford. At the University of Oregon


since 1992, Professor Ford brings to her teaching a passion for poetry, an ability to patiently and supportively draw out students' ideas, and a desire to help students develop their abilities as writers in order to engage in the exploration of ideas.

"In the classroom and through her leadership activities designed to improve the undergraduate curriculum, she has, among other accomplishments, expanded undergraduate offerings to include a series of courses in ethnic literatures and in comparative ethnic literatures, and developed a plan to create a visiting professorship in ethnic literature."

Peter Weatherwax, research assistant professor of biology
(Award excerpt) "Weatherwax teaches a wide range of courses, from lower level, non-major courses to upper level ones of his own design. One of his most popular classes, which will be offered for the fourth time this year, is neo-tropic ecology, set in Ecuador. Students who return from this class refer to it as a life-changing experience.

"Students consistently rate his courses and his teaching highly, which is remarkable because of the high standards and demands he makes of them. Many, however, state that he is the best instructor they have had at the university. He also has worked on programs with middle and high school teachers, helping them to become more effective in their efforts to educate."

Click here for more information on the [Williams Fund](#).

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proposals

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reports



How to Nominate a WILLIAMS FELLOW

The Williams Fellows program, introduced in 1999, recognizes outstanding university teachers.

*The Williams Council uses **two** programs to meet the challenge proposed by Tom and Carol Williams. In addition to Williams Fellows, the Council also awards funds for "Instructional Proposals," which provide an opportunity for teachers to propose innovative classes.*

The *Fellows* program enhances our campus' awareness of the importance of balancing effective teaching and significant research. A \$5,000 award to the recipient acknowledges her or his outstanding contribution to undergraduate learning at the University of Oregon. In accordance with the goals of the Williams Council, a separate \$5,000 award to the recipient's department, supervised by the fellow, shall be used to affect tangibly the teaching and learning experience of undergraduates in the department.

The Williams Council seeks nominations for Williams Fellows from faculty, deans, and department heads. Nominees must have demonstrated a commitment to undergraduate education at the University of Oregon through a history of challenging their students academically, creating an engaged learning environment in the classroom, striving to improve the learning process, and fostering interdepartmental collaboration.

The Nomination Should Include:

- A Letter of Nomination
- Two Letters of Support
- The Nominee's Curriculum Vitae

A Williams Fellow should expect to submit a brief report to the Council describing the administration of the department grant and the effect of such expenditures on teaching and learning at the department level.

KEY Dates:

Submission of Nominations - February 15, 2005

Announcement of Williams Fellows - May 20, 2005

Direct inquiries, nominations, and applications to:

Dave Hubin
Executive Assistant President and Ex Officio Chair,
Williams Council
346-3036 or hubin@uoregon.edu

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Scene on Campus

Lawrence Medal Winner Renews University Ties During Visit



London architect Rick Mather dropped by for a chat with President Dave Frohnmyer before receiving the Ellis F. Lawrence Medal, the highest alumni honor in the School of Architecture and Allied Arts, at the June 11 commencement.

Mather, who grew up in Lake Oswego, Ore., and received his bachelor's degree in architecture from the university in 1961, is known for his innovative use of glass and his environmentally sensitive "green" buildings. His 1991 renovation of *The Times of London* headquarters received Great Britain's highest rating for environmental performance.

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Gifts



Farwest Steel Gives \$1-Million To Jordan Schnitzer Museum of Art

< *"Mountain Spirit," Korean Joseon period, 19th century, ink and color on cloth 39-3/4 x 25-1/2 inches. On loan from the Mattielli Collection.*

Farwest Steel has made a \$1-million gift to support Korean art at the University of Oregon's Jordan Schnitzer Museum of Art, leaders of the university's Campaign Oregon recently announced.

The gift results from a strong commitment by company co-owners Wan Koo Huh and Dick Jones to give back to their communities to enhance cultural and educational opportunities.

"Farwest Steel was motivated to make this gift by a strong desire to contribute to the advancement of the university by supporting the Jordan Schnitzer Museum of Art," said Jack Clark, president and CEO of Farwest Steel. "We are thrilled to support an organization that is an important resource for both the university and the community and that enhances the lives of those who live in or visit this area."

Farwest Steel's gift enables the company not only to support its home community but also to honor the Huh family's Korean heritage. Based in Seoul, Korea, the Huh family has many long-standing business and social ties to the Eugene area and considers it their second home.

The gift will support increased programming, exhibitions, publications and student internships relating to Korean art.

"Farwest Steel's support will enable us to install interesting and innovative exhibitions on a regular basis that will be a distinctive part of the museum's identity," added Charles Lachman, the Jordan Schnitzer Museum of Art's curator of Asian art. "This gift also will establish student internships that will provide first-hand opportunities for students to work with objects in the collection and gain experience planning and installing exhibitions."

The funds will allow the museum to bring prominent artists and scholars of Korean art to the museum for a series of annual lectures. Farwest Steel's gift also will support a series of publications highlighting works from the museum's collection.

"This generous contribution will enable us to build upon the strength of our Korean collection and fulfill our mission to bridge international cultures," says museum director David Turner. "Continued growth of our Korean collection and programming will provide visitors with an

opportunity to deepen their understanding and appreciation for the unique art and culture of Korea.”

Farwest Steel’s gift is part of [Campaign Oregon: Transforming Lives](#), the university’s \$600 million fund-raising initiative, which has brought in \$357 million thus far.

In 2002, the family of Wan Koo Huh and his wife, Young Ja, gave a major gift to the museum to establish a wing for Korean art in the couple’s honor. The Jordan Schnitzer Museum of Art’s Huh Wing and Jin Joo Gallery are the only university museum galleries in the United States specifically designated to exhibit Korean art.


Two well-known Korean art scholars, Kumja Paik Kim, curator of Korean art at the San Francisco Asian Art Museum, and Yoon Se Young, director of the Korea University Museum, have praised the strength of the Jordan Schnitzer Museum of Art’s growing Korean collection.

The museum’s collection includes examples of many different media including painting, ceramics, metalwork and textiles. Objects include items from the first century to contemporary artworks.

Established in 1956, Eugene-based Farwest Steel has become one of the largest steel service centers on the West Coast. With nine locations in the Northwest and more than 400 employees, the company specializes in the distribution of carbon steel products and the fabrication of reinforcing steel.

The museum reopened in January 2005 after completion of a major renovation and expansion project that nearly doubled the size of the building. The Huh Wing and Jin Joo Gallery were introduced with the reopening and currently feature “True Views: Traditions of Korean Painting.” Funded by a grant from the Korea Foundation, the exhibition includes the 19th century screen, “Scholar’s Accouterments,” recently given to the museum by the Huh family.

—Katie Sproles, Jordan Schnitzer Museum of Art public relations and marketing coordinator

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Transforming Lives



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Only with gifts from friends and alumni can we preserve excellence at the University of Oregon. Our \$600 million fundraising campaign will help the University of Oregon attract top students and professors, maintain premier facilities and continue groundbreaking research.

The future is our choice. We choose distinction.



Dream Fulfilled, Thanks to Donor

June 11th, Vincent Konchellah of Kenya proudly carried his department's banner at commencement, thanks to a scholarship established by Dr. John Haines:: [Read more](#)

:: [From African Warrior to UO Graduate \[Eugene Register Guard\]](#)

Hollywood Ducks

Award-winning producer, author and UO graduate Stephen J. Cannell was the guest speaker for the star-studded "Hollywood Ducks" gathering June 1.
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in the
news



Times of London, Newsweek
Highlight Digitizing Research Of
Oregon Professors

< *This is one of Kent Stevens' 3-D dinosaur recreations.*

For the past decade, **Kent Stevens**, professor of computer and information science, has focused his research on creating a digital tool for parametric modeling of skeletons and using that tool to help scientists study dinosaurs.

His ground-breaking work is featured in "[Buried Treasure](#)," the cover story of the June 27, 2005, issue of *Newsweek*. The story talks about his work with the large, long-necked sauropods of the late Jurassic Period, 150 million years ago. His next project will involve *Tyrannosaurus rex*, one of the last non-avian dinosaurs to walk the Earth 85 million years ago.

The 1748 Nolli map, regarded by architects, cartographers and scholars as one of the most important historical documents of Rome ever created, was digitized and made interactive by **James Tice**, associate professor of architecture. He unveiled his computerized version of the map today in Venice and [The Times of London](#) featured the effort in its June 18, 2005, edition.

Tice plans to use a Northwest Academic Computing Consortium grant and a University of Oregon Technology Fellowship Award to help further develop [the website](#) with project designer Erik Steiner, dynamic cartography researcher, and a faculty team at the university.



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Inside Oregon is the official newsletter for employees of the University of Oregon and is published biweekly during the academic year and monthly in June, July and August.

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Senior Director of Public and Media Relations: Mary Stanik

Mailing Address: Inside Oregon, Public and Media Relations, 1281 University of Oregon, Eugene, OR 97403-1281

Telephone (541) 346-3247; FAX (541) 346-3117

Email: inside@uoregon.edu

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Buried Treasure

With the help of new fossil discoveries and new technologies, scientists are learning how dinosaurs lived—and died.

By Jerry Adler
Newsweek

June 27 issue - Seventy-seven million years ago—nearing the end of the age of dinosaurs, although they still had 12 million years to go—a young duck-billed hadrosaur lay down to die just over the horizon from the vast inland sea that covered much of central North America. Dinosaurs did not ordinarily rest easy in death: they were torn apart by scavengers or washed downstream in a flood, and their bones were scattered and lost, at least until people arrived to dig them up. Many of the skeletons in museums today are made up of bones that never stood together in life. But this dinosaur met a different fate. Lying on its side in a shallow river, the carcass was quickly buried in a fine-grained sediment that preserved not just the shape of the bones, but impressions of the skin and flesh, and a tantalizing suggestion of organs within. When he first laid eyes on it, in a small museum in north-central Montana, the famous dinosaur researcher Robert Bakker whipped off his hat and fell to his knees, and tears welled up in his eyes. "It was," he says, "like seeing the Pieta."

You don't have to share Bakker's passion for dinosaurs to appreciate this unique animal, whose photo appears for the first time in this issue of NEWSWEEK (below). Barely emerging from the rock, lying with its head bent back as if held by the current against a stream bank, it evokes, far better than any mounted skeleton, a real animal that lived and died. Four years after the freelance paleontologist Nate Murphy dug it out of a Montana hillside, he is still pondering how to study the insides of an animal that has turned to rock without destroying it in the process. "I'm not sure what we're going to find," he muses. "Did it have a crop in there to help it digest plants? We might be able to see the heart. Was it three-chambered [like a modern reptile], or four-chambered like a bird? Wouldn't it be great to know *that?*"

Even to imagine looking inside an intact dinosaur amounts to a revolution in paleontology, a field in which entire life histories are routinely inferred from a tooth. Another revolution is already underway: skeletons that have stood mutely for years are yielding their secrets to researchers armed with CT scans and supercomputers and sheer ingenuity. A biologist dissolves the mineral matrix in a dinosaur bone, and finds, amazingly, evidence of blood vessels and even corpuscles. The speed of *Tyrannosaurus*, long a topic of fervent guesswork, is now being calculated by the algorithms of biomechanics. Engineers have radically revised our view of how the giant long-necked sauropods stood and walked. Dinosaur dioramas in museums are sprouting feathers—unsuspected just a decade ago—as evidence accumulates for the close relationship of dinosaurs with birds. These discoveries are explored in a new exhibit at the American

Museum of Natural History in New York, the first major dinosaur exhibit there in five years. Over the past 20 years, says Mark Norell, the museum's head of paleontology, his field has left its roots in taxonomy to traffic in speculation on dinosaur physiology, ecology and even behavior. It is, he says, a branch of science no longer driven just by discoveries, but by research and experiment.

Yet discoveries haven't slowed down, either; Earth still hides secrets from its past, and the turn of every season uncovers new skeletons as the land erodes around them. New kinds of dinosaurs are described every month. Peter Makovicky, curator of dinosaurs at the Field Museum in Chicago, estimates there are 900 valid genera, at least double the figure from two decades ago. (Many, of course, are known only by skulls, or even parts of skulls; as Bakker has found, even with a creature as big as five-ton triceratops, "usually you don't get much of the body, because someone chomped on the body.") Farmers in the Chinese province of Liaoning are uncovering, in a series of exquisitely preserved fossils, evidence of an entire ecosystem of plants, insects, fish, turtles, small mammals and birdlike dinosaurs never seen before. The *Dilong paradoxus*, a five-foot-long early relative of Tyrannosaurus, with rudimentary feathers evidently meant for warmth, not flying. Or *Microraptor gui*, whose feathered hind limbs must have given it the appearance of a four-winged bird. In the badlands of Patagonia and in the American West, the cycle of soil deposition, uplift and erosion has come full circle since the Late Cretaceous, exposing sediments that last saw the light 70 million years ago. In these places, dinosaur bones are lying out on the ground, just waiting to be picked up by someone who can tell them from rocks. (One test is to lick it; bone sticks to the tongue.) Two years ago brothers Steve and Patrick Saulsbury from Sioux City, Iowa—a physician and a veterinarian—were out with their friend Brian Buckmeier—a lawyer—looking for fossils in the rugged hills of western South Dakota. They spotted a bony knob the size of a quarter at the base of a hill, and 30 feet higher up, a couple of blackened teeth. They were attached to the skull of a pachycephalosaur, one of a group of horse-size dinosaurs distinguished by an impressive array of knobs, spikes and crests surrounding their bulging foreheads. But, unlike every other specimen known from North America, this one had a flat, rather than domed, forehead. "The flatheads are known from earlier periods in China and Mongolia," says Bakker, "but around 80 million years ago they evolved domes, and that's all we've found in North America. Until this one, which dates from right before dinosaurs were about to go extinct. I've written about how dinosaurs were slowing down, not budding off new species. I was wrong."

It's hard to imagine a lawyer in his spare time making a discovery in, say, molecular genetics, but dinosaur paleontology remains closer in spirit to the scientific world of Darwin than of Crick and Watson. Big universities compete with regional institutions like the Black Hills Museum of Natural History in South Dakota and the Museum of the Rockies in Montana. The Saulsburies donated their pachy skull to the Children's Museum of Indianapolis. Academic credentials are optional; Nate Murphy learned about dinosaurs from his grandmother, the noted paleontologist Nelda Wright, but he doesn't even have a college degree. To fund his studies he established a research center in a former tire shop in the remote town of Malta, Mont., staffed largely by volunteers and supported by a trickle of tourists and by adventure-seekers who pay him for the privilege of tramping the

countryside in search of the next T. rex. A wealthy New York dinosaur enthusiast named Coleman Burke personally underwrote Murphy's fossil-collecting trip to Patagonia last year. Dinosaurs lack a strong funding constituency in the corporate world, except for Universal Studios and Steven Spielberg, who established a "Jurassic Park Institute" to recycle some of their brontosaurian profits into grants for fieldwork. Creationists, who think dinosaurs died in the Flood, have their own issues with paleontology, as did a Brooklyn rabbi who wrote Norell to complain that if word got out that birds were really dinosaurs, people might decide that chickens weren't kosher.

It was on a fossil-hunting trip in the summer of 2000 that one of Murphy's volunteers spotted a bone poking out of a low west-facing bluff in the remote reaches of a cattle ranch north of Malta. Murphy's chief assistant—his teenage son, Matt—dug down just far enough to uncover four tail vertebrae, and called over his father. Nate, an easygoing, unflappable scientist perpetually clad in khaki shorts and a bush hat, compensates for a lack of formal training with a remarkable gift for visualizing how bones fit together to make an animal. Looking up at the bluff, he spotted what to him was unmistakably the outline of a pelvis and an ankle. The next day he shared his discovery with the rancher on whose land it was found.

"I tried to look excited," the landowner, Howie Hammond, recalls. "When I got home my daughter asked what it looked like. I said, 'Like a big stain in the rock'."

The first order of business was to bestow a name. Not a scientific name; it was a well-known species, *Brachylophosaurus*, a Late-Cretaceous duck-billed herbivore that grew as long as 35 feet. But individual specimens are traditionally given cute nicknames by their discoverers. A psychologist might speculate that this is to compensate for human puniness in the face of these terrifying creatures. The spectacular T. rex at the Field Museum in Chicago is known as Sue. (It was discovered by Sue Hendrickson.) The three other almost intact duck-bills Murphy has found are named Elvis, Peanut and Roberta. This one was dubbed Leonardo, after a piece of graffiti on a nearby rock: *Leonard Webb loves Geneva Jordan 1916*.

The following summer Murphy returned to excavate the fossil, carefully blasting off 18 inches of cap rock, removing seven feet of loose sand and rock with a grader before bringing in volunteers to remove the last four feet by hand. As they worked on a forelimb, a volunteer saw something unusual and called to Murphy.

"I took one look and said, 'Oh, my God, this is skin'."

When he realized he was dealing with more than a skeleton, Murphy had to revise his plan; instead of digging out the bones one by one, he had his team dig *around* the 23-foot-long specimen, so it could be moved to his research lab in one six-ton chunk. He had arranged to borrow an Air Force helicopter to airlift the specimen out of its remote valley, but on the day it was supposed to happen—September 11, 2001—the Air Force had other priorities, so it was carefully winched aboard a flatbed truck. Countless hours of work

since then have gone into removing, a grain at a time, the matrix of sedimentary rock in which Leonardo remains half embedded. The process has uncovered the spiny crest along the animal's back and the network of tendons that moved its tail; the fine-grained scales on the back and flanks, and the coarser ones on the lower legs, where tough twigs and shrubs would have brushed it. Two places on the torso where the surface was inadvertently cracked offer a glimpse of what's inside, displaying what Murphy believes are the fossilized remains of intestinal contents. For Karen Chin, an expert on dinosaur coprolites—fossilized dung—at the University of Colorado, this is a potential mother lode of droppings that hadn't hit the ground yet; she's been studying the material in hopes of determining what Leonardo was eating. A paleobotanist has detected 36 different kinds of pollen in the material. Murphy's next goal is to transport Leonardo to Hill Air Force Base in Utah, which has one of the world's largest CT scanners. There the heart, lung, kidneys and other organs, if they are indeed preserved inside, can be visualized and even modeled in three dimensions. He estimates it will cost close to a million dollars. This is less than a Las Vegas casino has already offered to pay to exhibit Leonardo, but Murphy and the Hammonds aren't selling; dinosaur tourism has the potential to be an important part of the economy of this thinly populated region.

A CT scan of an entire dinosaur mummy would be an astonishing achievement, but no more so, perhaps, than what Mary H. Schweitzer, a biologist at North Carolina State University, accomplished with a mere fragment of *T. rex* bone. This was from a specimen unearthed in 2003 by John R. Horner of the Museum of the Rockies. "He had to break it to get it back to camp," she says. "It was too big to get in the helicopter." Schweitzer put the fossil in a weak acid, which is how biologists study fresh bone; the acid dissolves the mineral matrix, leaving organic tissue behind. If no one had tried it before with a fossil, it was because he had no reason to expect that any organic matter would be left after millions of years. To Schweitzer's amazement, she recovered a flexible substance that resembled collagen, the major organic component of bone, plus evidence of blood vessels and traces of red blood cells. The blood cells, moreover, appear to have nuclei, holding out the possibility of recovering genetic material. Finding even fragments of DNA after 68 million years would be a surprise, but some researchers think it's possible. Leaving aside the unlikely possibility of cloning an entire animal, it would be a potential bonanza to researchers attempting to reconstruct the relationships among dinosaurs, birds and reptiles. "If we're ever going to find dinosaur DNA," she muses, "it will be in samples like this."

Schweitzer made yet another surprising discovery in her cache of *T. rex* bones. "I started pulling the fragments out of the box and I said, 'Oh my gosh, we have a girl and she's pregnant'." She had encountered what is known as medullary bone, which is characteristic of ovulating birds. The calcium to make eggshells comes from the bones, which form new tissue with a distinctive configuration. "This tissue told me dinosaurs are related to birds not just morphologically"—in structures such as the pelvis and feathers—"but physiologically. In their reproductive physiology, they *are* birds."

Other researchers have been doing equally remarkable things with bones. Kent Stevens, a computer scientist at the University of Oregon, became interested in the large long-

necked sauropods of the late Jurassic Period, about 150 million years ago. Members of this family, which includes apatosaurus and diplodocus, were assumed to be treetop browsers, usually depicted standing foursquare with their heads high above the ground, like fat, short-legged giraffes. Every morning, in fact, Nate Murphy sees one on the Sinclair Oil sign across the road from his research station. But when Stevens modeled the bones on his computer, he discovered the vertebrae just don't seem designed to fit together that way. Instead, their natural position seems to lie almost parallel to the ground, or even below the horizontal, where the animal could browse on low shrubs or aquatic plants. This has been an unwelcome revelation to many laymen, Stevens has found. "They don't meet people's childhood expectations; you're replacing it with something that doesn't look as majestic—a lot of people have trouble with that," he says. Nor has it necessarily endeared him to museum curators, who will have to remount their specimens. As for Sinclair Oil Co., which began using the apatosaurus symbol in 1932, Stevens's research hasn't come up. "We have no plans to change our logo," a spokesman told NEWSWEEK.

Stevens's next project involves the biomechanics of T. rex, a much more dynamic and interesting animal; he's intrigued by the question of how a five-ton biped could squat down—to eat a carcass, say—and how it got back up again. On a related topic, John Hutchinson of the University of London has been looking at how fast T. rex could travel, a topic of continuing fascination for anyone who has ever had a nightmare about trying to outrun one. Fifty years ago the science-fiction writer Ray Bradbury envisioned a T. rex covering "one hundred yards in six seconds," which is 34 miles an hour; in "Jurassic Park," a T. rex almost catches a Jeep in fourth gear. But the filmmakers confided to Hutchinson that they couldn't plausibly model a T. rex traveling at those speeds. Given the animal's dimensions and its inferred stride, its legs would have to spin like a cartoon character running off a cliff. Examined frame by frame, the movie dinosaur's speed is a bit more than 15 miles an hour. Hutchinson thinks that's probably about right; he calculates a top speed in the range of 10 to 25 miles an hour, with the upper end much less likely than the lower. A land animal's speed is limited by the amount of muscle it can pack into its legs, but there is a point of diminishing returns beyond which the added muscle costs more in weight than it contributes in force. To run at 45 miles an hour, Hutchinson has written, T. rex would need to have 86 percent of its body weight in its leg muscles, an obvious absurdity. Recently he cut that estimate by more than half, to 41 percent, which he considers still "quite unlikely considering its anatomy."

Hutchinson's work would appear to have implications for the other great T. rex debate: was it a top-of-the-food-chain predator or primarily a scavenger? Hutchinson himself has no desire to cast doubt on the tryannosaurs' ferocity, which is a good way to pick a fight at a meeting of paleontologists. The big prey animals of its era wouldn't have run very fast either, he says, adding that "you don't have to go 45 miles an hour to catch an animal running at 15." On the other side, Horner points out that it doesn't matter how slow you walked if the animal you're eating is already dead. Most researchers assume that, like alpha predators today, T. rex would have eaten whatever it could get its jaws around. Gregory Erickson of Florida State University has calculated the growth rate of T. rex, based on analyzing growth rings (analogous to tree rings) in their bones, and

concluded that during their adolescent growth spurt they would have gained an average of nearly five pounds a day. "It's hard to imagine there was that much carrion lying around," muses the American Museum's Norell.

The question was a major theme of a T. rex conference held earlier this month at the Black Hills Museum, where John Happ of Shenandoah University showed a triceratops skull collected near Jordan, Mont., with about a third of its left horn missing and apparently bitten off. Tooth marks on the animal's neck frill were the right distance apart to have been made by a tyrannosaur, which was the only large carnivore known from that place and time. By itself that doesn't disprove the scavenger hypothesis, but the wounds on the triceratops skull had started to heal, which meant it was alive and healthy enough to have fought back when T. rex attacked. The position of the bite marks indicates that the two animals were face to face in their struggle. "We don't know what happened next, but triceratops did survive," Happ says. "It still had two big horns remaining. It may be that T. rex did a cost-benefit analysis and abandoned the fight. These animals lived for millions of years, so they must not have been in the habit of making bad decisions."

They lived for millions of years, but they were perilously close to extinction; the climate may have already been changing, for reasons still being debated; the meteorite that would end the Cretaceous Period with a bang was spinning through space on its way toward its fateful impact with Earth. And all were awaiting the evolution of an unimaginable creature that would someday calculate the trajectory of comets, and dig up the long-buried bones to probe their secrets—and marvel at the intricacy and beauty of it all.

With Mary Carmichael

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June 18, 2005

Mapping the face of Rome

By **Richard Owen**

A TEAM of scholars has for the first time digitised a unique 18th-century map of Rome, transforming it into an interactive online teaching tool which reveals how the Eternal City evolved.

The computerised version of the map by the great Italian cartographer Giambattista Nolli is unveiled on Monday in Venice by James Tice, Associate Professor of Architecture at the University of Oregon. Tice, who supervised the project with Erik Steiner, a geographer at the university, said online users would be able to superimpose an aerial view of present-day Rome over the 1748 street plan to see what has changed — and what has not.

The map is a highly accurate and minutely detailed record of Rome at the height of its artistic and architectural development, with Baroque marvels set alongside the Renaissance, medieval and ancient Roman legacy. Allan Ceen, a Rome-based architectural historian who studied the map in depth and helped to digitise it, said it brought to life what it was like to walk the streets of 18th-century Rome, while providing an invaluable aid for modern urban planners.

Ceen, who also teaches urban studies at Penn State University, said

Nolli, “a surveyor of genius” had painstakingly marked 1,320 sites, including palaces, villas, monuments, gardens, aqueducts, hospitals, schools, theatres, shops, prisons and even drains. The project will eventually provide etchings of the sites as they were at the time, by Nolli’s contemporary Giuseppe Vasi, and photographs of them as they are now.

Users of the digitised map can zoom in on sections. “We will show when a church or palazzo was built, restored, refaced, added to or in some cases demolished,” said Ceen. Until now the giant map — “La Pianta Grande di Roma” — had been difficult to view because of its size and microscopic detail, with distracting seams between the twelve engraved copper plates.

The combined plates, stored in a Rome archive, form a map measuring 176cm (5ft 9in) by 208 cm. The Nolli map covers eight square miles. Professor Ceen, whose study centre, Studium Urbis, is in a medieval street near Piazza Farnese, which has remained much as it was in Nolli’s day, said the map was “astoundingly accurate, an amazing achievement.

“Even modern maps using state-of-the-art cartographic techniques do not match it.”

Ceen said that in the rebuilding programme which followed Italian unification in 1870 planners constructed new boulevards to suit Rome’s status as national capital. Yet “there has always been a tendency to preserve what is already there, through a combination of design and neglect. Nolli’s map remains the best guide to the historic centre of Rome to this day. Rome is a continuum.”

Urban planning in Rome began under Pope Sixtus V (1585-90), the “Iron Pope”, and continued until the reign of the scholarly and reformist Pope Benedict XIV (1740-58), to whom Nolli’s map is dedicated. “After 1750 Rome pretty much remained as it was until 1870,” Professor Ceen said. “Even after that the planners rebuilt with some care — more so than in Paris, say. The Fascists were more heavy-handed in the 1930s.”

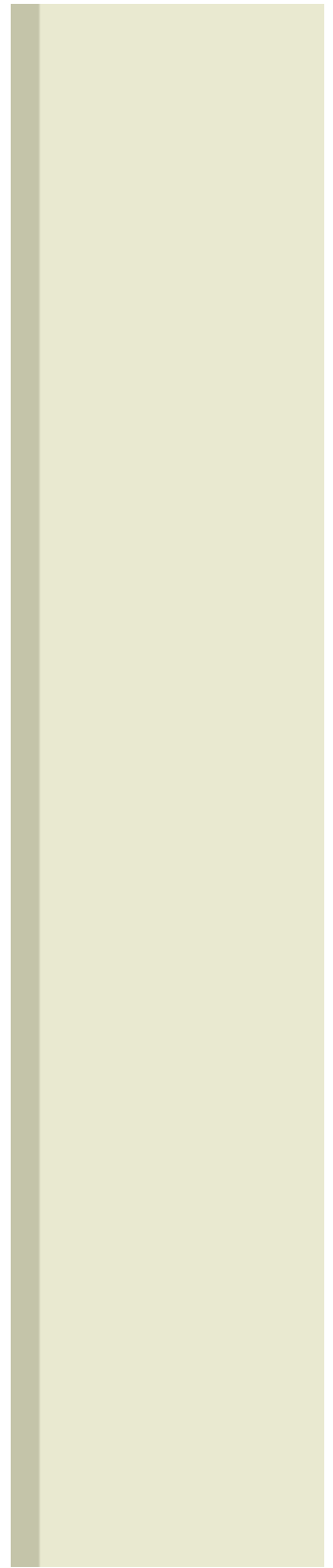
Nolli did not, however, make his fortune from the map, which took him eight years to complete with a team of helpers. The map was instantly copied, and he died a disappointed man at just 55, in 1756.

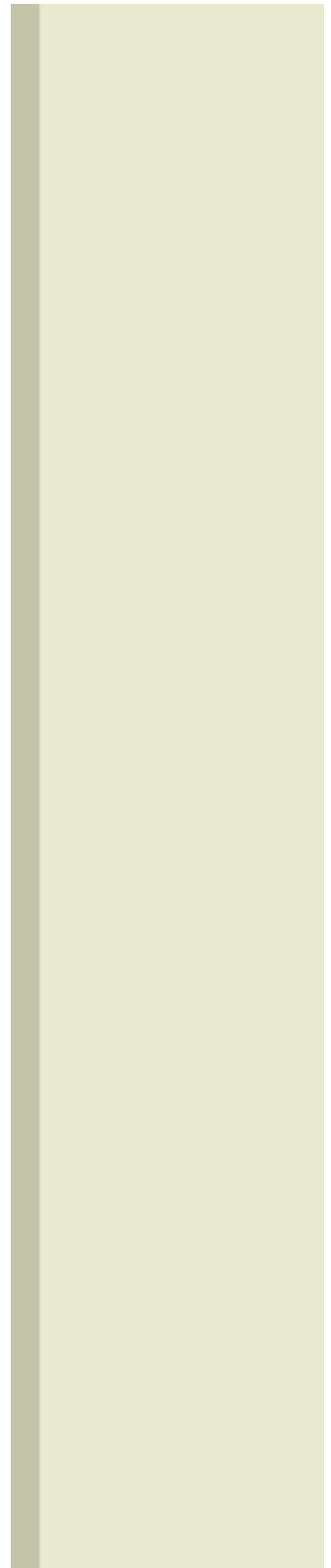












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The **1748 Map of Rome**, by *Giambattista Nolli* is widely regarded by scholars as one of the most important historical documents of the city ever created. This project is a collaborative exploration of the exquisite Nolli engraving, through its historic significance and contemporary application. [Read more...](#)

The Interactive Nolli Map Website

Jim Tice, University of Oregon Dept of Architecture ✉

Erik Steiner, [InfoGraphics Lab](#), Dept of Geography ✉

Consulting: Allan Ceen PhD., Pennsylvania State University/[Studium Urbis](#) ✉

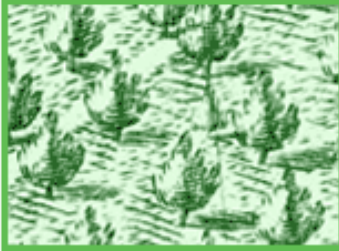
Graduate Students: Mark Brennehan, Ben Humphrey, & Eric Sproles

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Learn about the natural environment depicted on the Nolli map, including gardens, hydrography, and topography.

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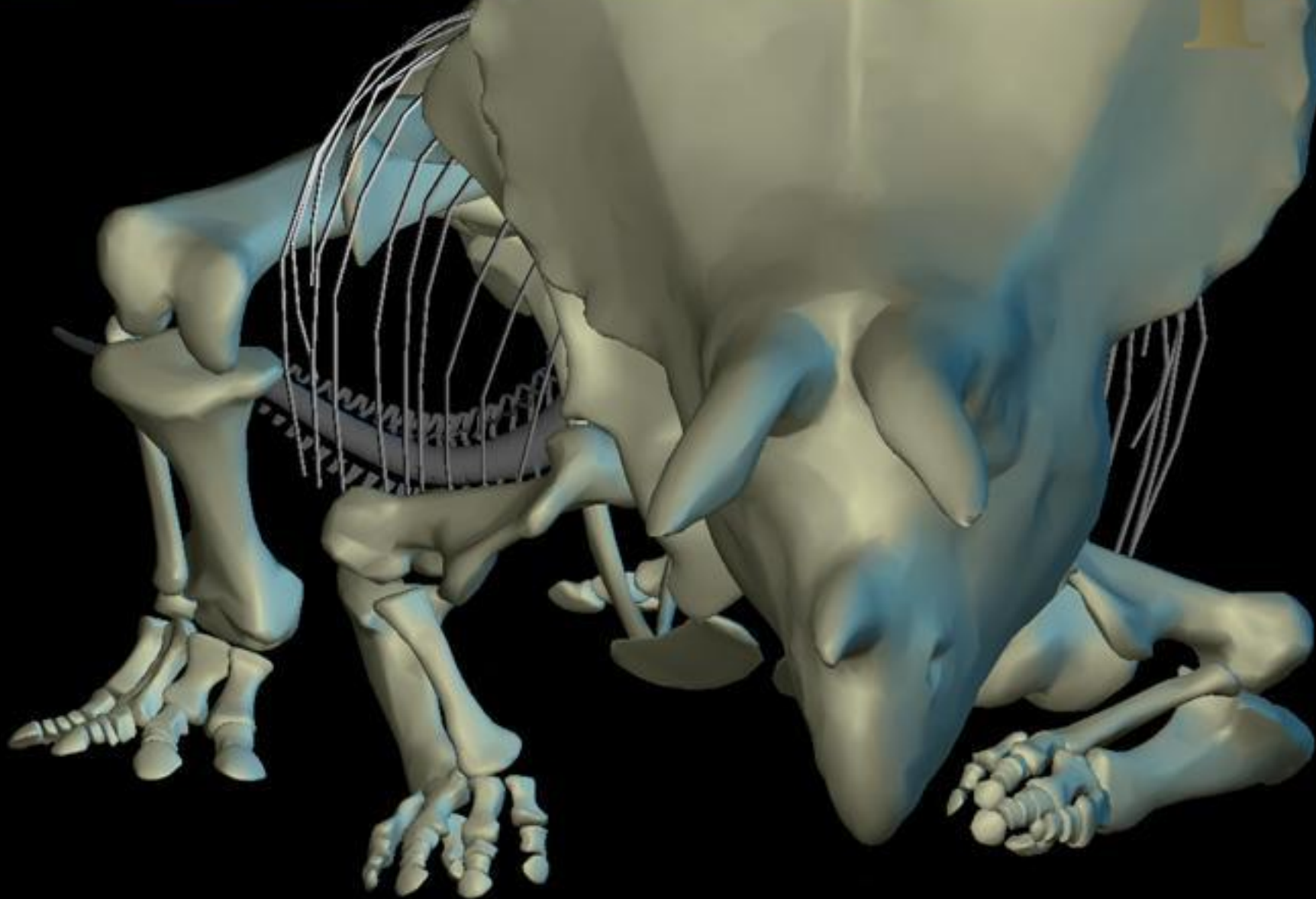
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DinoMorph



the uo's newsletter for faculty, staff, and graduate teaching fellows

Technology Company Teams Up With University Researchers

University of Oregon nanotechnology expertise and equipment will play a major role in a two-year, \$750,000 research contract recently awarded to a Beaverton-based technology company.

The contract with the U.S. Air Force Research Laboratory, announced earlier this month, involves the development of microwave circuits that could dramatically improve telecommunications and optical devices such as night vision cameras. Voxel, Inc., is working to make high-speed photodetectors by using nanocrystals embedded in polymers. The process uses quantum dots, which are particles of matter made from a variety of semiconductor materials that are typically a few tens of nanometers in diameter (a nanometer is a billionth of a meter).

The research is similar to that done by Mark Lonergan, associate professor of chemistry, who said "Voxel's area of research is a natural extension of the work conducted in my labs."

Lonergan's area of expertise involves synthesizing conducting organic polymers, the component of the photodetectors that surrounds the quantum dots, and understanding the electrical characteristics of such materials. He will work with Voxel researchers to synthesize new materials and understand the properties of the resulting photodetectors. As the project progresses, Jim Hutchison, professor of chemistry, will be consulted for his expertise in nanotechnology and in his role as director of the Materials Science Institute (MSI).

Voxel researchers also will use high performance characterization instruments at the university's Center for Advanced Materials Characterization in Oregon. The center is a major research facility within MSI that makes analytical equipment available for industrial and academic use.

The research conducted by both Lonergan and Hutchison is part of the work done at Oregon Nanoscience and Microtechnologies Institute (ONAMI), a collaboration of Oregon's three research universities and the Pacific Northwest National Laboratory. ONAMI's goal is to apply the resources of those institutions to the commercialization of nano- and microtechnology products and the creation of new jobs in Oregon and the Northwest.

George Williams, Voxel president, acknowledged the importance of the collaboration to his company.

"This research would not have been possible from a small company like ours without the availability of ONAMI and the University of Oregon. Understanding the interaction of single particles of light [photons] on these atomic-scale particles requires sophisticated analytical equipment and microfabrication capabilities that typically would be beyond the reach of all but the largest research companies."

The award to Voxel followed a successful six-month, \$100,000 study phase, during which the company developed the innovative application of using nanocrystal-polymer composites for high-speed photodetectors. The contract also involves Evident Technologies of Troy, N. Y., which will supply quantum dots for Voxel's research. The funding was provided under the Air Force Small Business Innovative Research program.

Voxel, Inc., founded in 2000, is a leading developer of sophisticated detectors and electro-optical imaging systems for a wide range of government, industrial and scientific markets.

—*Kathy Madison, communications officer*



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Inside Oregon Staff: Editor: Paul Omundson | Web Developer: Taper Wickel

Published by Public and Media Relations, Johnson Hall, 1098 E. 13th Ave.

Senior Director of Public and Media Relations: Mary Stanik

Mailing Address: Inside Oregon, Public and Media Relations, 1281 University of Oregon, Eugene, OR 97403-1281

Telephone (541) 346-3247; FAX (541) 346-3117

Email: inside@uoregon.edu

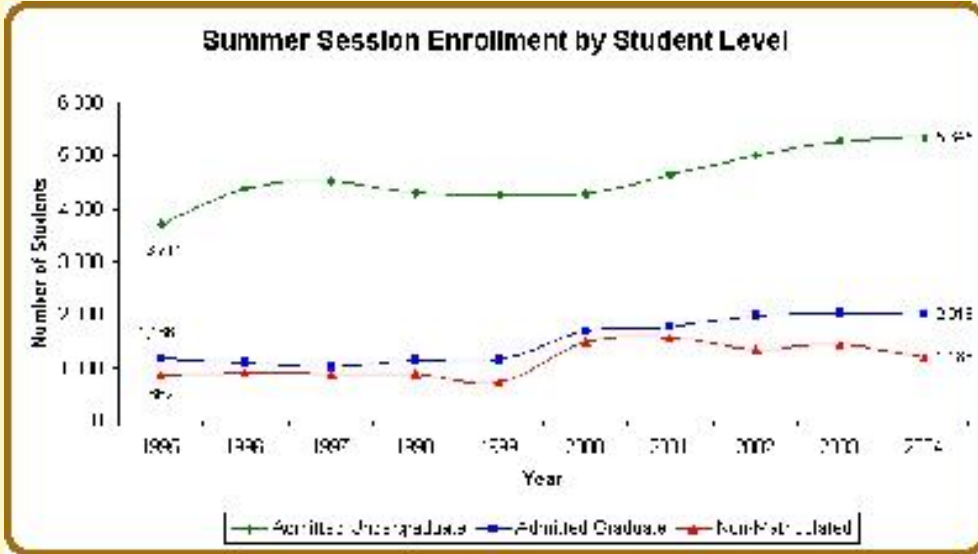
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the uo's newsletter for faculty, staff, and graduate teaching fellows

UO by the Numbers

Summer Session Attracts Undergraduates



Summer session continues to draw increasing numbers of undergraduates.

Some of these students are putting the finishing touches on a degree, while others use the summer term to complete core requirements. Click on image to enlarge.

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Senior Director of Public and Media Relations: Mary Stanik

Mailing Address: Inside Oregon, Public and Media Relations, 1281 University of Oregon, Eugene, OR 97403-1281

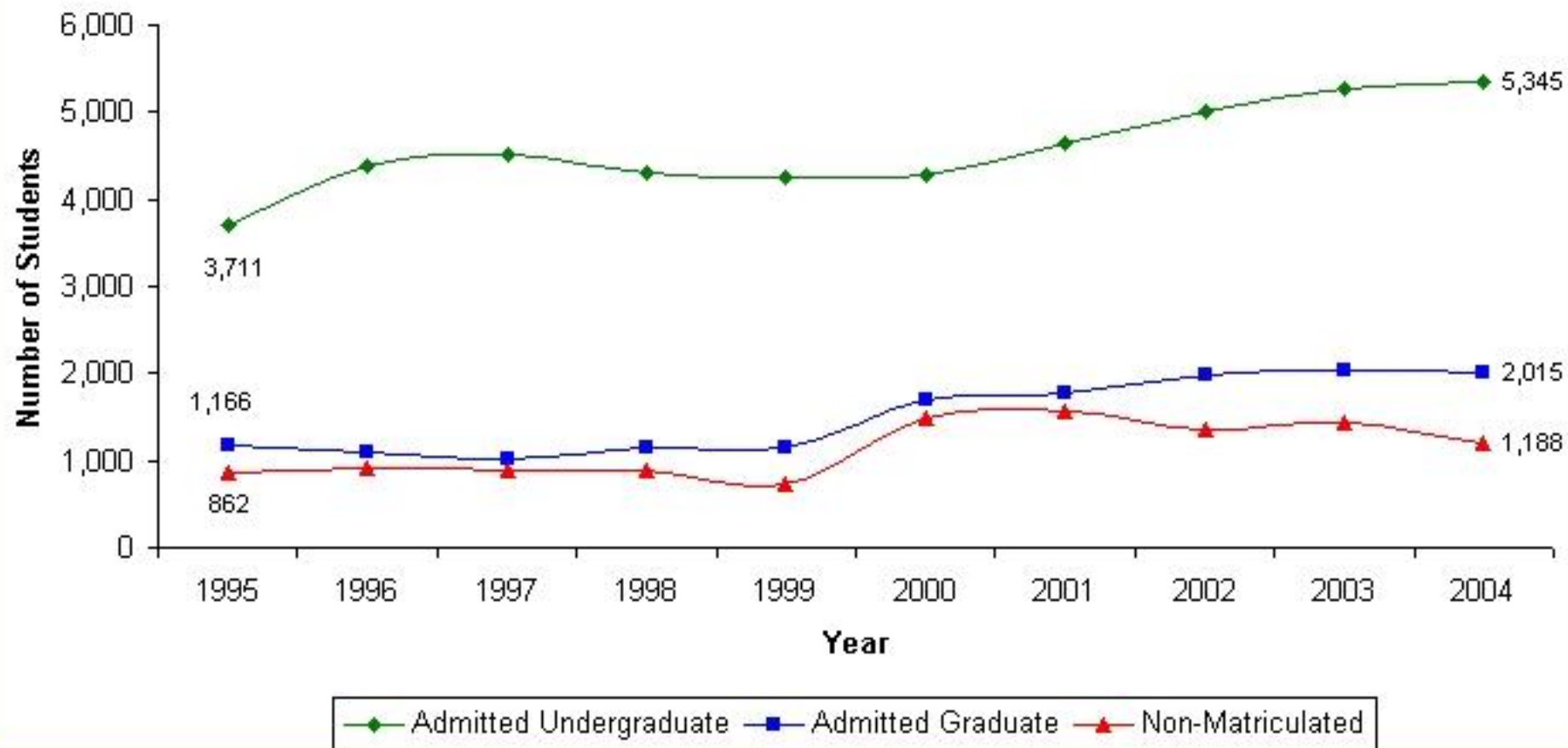
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Summer Session Enrollment by Student Level



the uo's newsletter for faculty, staff, and graduate teaching fellows

Make a Date



Premiere Kicks Off Bach Festival with *Pasión*: Special Discount For Staff, Faculty

The University of Oregon's 2005 Oregon Bach Festival kicks off with a breakthrough work that tells the tale of the biblical passion with the rhythms, voices and percussion of Latin America.

La Pasión Según San Marcos by Osvaldo Golijov, a 90-minute setting of the passion story in the form of a Lenten street festival, created an immediate sensation when it premiered in Stuttgart in 2000. With ritual, drama and hot dance rhythms, *La Pasión* sparked fervor among critics. Wynne Delacoma of the *Chicago Sun-Times* called it "a passion resounding with Latin America's rambunctious vital 21st century voice," and Mark Swed said in the *Los Angeles Times* "wonderful new opportunities for breaking down barriers between cultures."

The June 23–24 performances will be the first and only performances of *La Pasión* in the Pacific Northwest. The performances mark the start of 18 days of choral-orchestral concerts from masters such as Bach, Haydn, Handel, Mozart and Mendelssohn, as well as the new sounds of the Kronos Quartet and the Imani Winds.

La Pasión events include a free, open rehearsal at 5 p.m. on Tuesday, June 21, at Eugene's Hult Center for the Performing Arts. Golijov will participate in a free question-and-answer session at 6 p.m. on Thursday, June 23, at Temple Beth Israel in Eugene.

For concert tickets or a complete schedule, call (541) 682-5000 or go to the [festival website](#).

Special offer for staff and faculty

Staff and faculty members and graduate teaching fellows can receive 20 percent off two tickets to a Silva Hall major event at the Oregon Bach Festival. This offer is only good on purchases made through the Hult Center "Bach's Office." Present your university ID card at time of purchase. This discount cannot be combined with other offers and is not applicable to previous purchases.

The offer expires June 17, 2005.



[Back to Inside Oregon](#)

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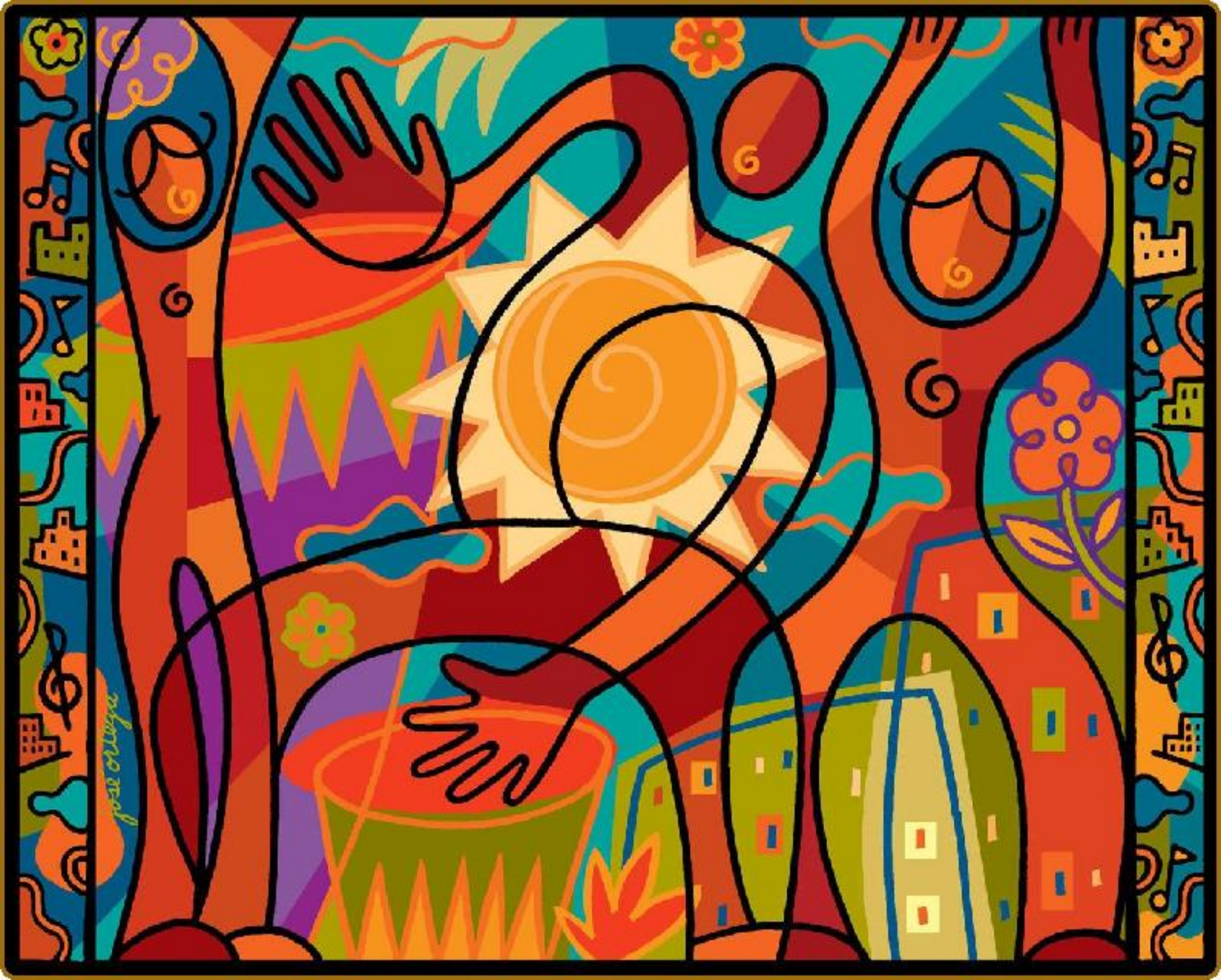
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Jose Ortega

OREGON BACH FESTIVAL



■ HELMUTH RILLING, Artistic Director and Conductor ■ JUNE 23 - JULY 10, 2005 EUGENE, OREGON ■

CONCERTS

VISITORS

MUSICIAN OPPORTUNITIES

BACHGROUND

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The Festival chorus and Gachinger Kantorei warm-up before 2004's Elijah.

ABOUT US

Helmuth Rilling, artistic director and conductor, leads two weeks of choral-orchestral concerts centering on the music and wide-ranging influence of J.S. Bach. Set amid the lush forests and scenic rivers of Eugene and the Willamette Valley, the festival also includes chamber music, family events, and educational programs in "a musical enterprise virtually without equal in America." (LA Times)



Welcome to oregonbachfestival.com

Tickets Now on Sale

Get your tickets now for the Oregon Bach Festival, June 23-July 10. [Order tickets online](#), or call (541) 682-5000.

Not to be Missed

- [La Pasion Segun San Marcos](#) June 23-24
- [Christmas Oratorio](#) June 26
- [Mozart/Mendelssohn Concertos](#) June 29
- [Kronos Quartet](#) July 1
- [The Uncle From Boston](#) July 3
- [Youth Choral Academy](#) July 5
- [Handel's L'Allegro](#) July 7
- [The Creation](#) July 10

[Click here](#) for complete concert schedule.

Festival News

Bach Party Internationale

Indulge in a sensory experience of sights, sounds, and shopping. Join us for the third annual Bach Party, at Eugene's Fifth Street Public Market.

Paris-based Conductor Gets Handel

The Festival welcomes famed choral conductor John Nelson as a guest conductor for the July 7th performance of Handel's L'Allegro.

Christmas Oratorio

Have Christmas your way this summer -- see a little bit 'o' Bach or a whole lotta Bach.

[More...](#)



Join Bachmail and receive email updates from the festival frontlines.



UNIVERSITY OF OREGON

AUDIENCE AND DONOR FUNDED

OREGON BACH FESTIVAL

Updated April 17, 2005

Info: 800/457-1486

Tickets: 541/682-5000

Fax: 541/346-5669

bachfest@darkwing.uoregon.edu

the uo's newsletter for faculty, staff, and graduate teaching fellows

Make a Date



KWAX To Feature Oregon Bach Festival Updates, Interviews

As the university's Oregon Bach Festival begins three weeks of music [this weekend](#), KWAX FM 91.1, the university's noncommercial, all-classical music radio station, plans to offer multiple festival audio treats.

Beginning today and continuing through July 8, the station will feature festival interviews on its daily "Arts Line" airing at 11:55 a.m. Guests include Royce Saltzman, the festival's co-founder and executive director; composer Robert Kyr, professor of music composition and theory, discussing this year's festival Composers' Symposium; and Helmuth Rilling, artistic director.

Saltzman also will give updates on festival events at 9 a.m. Monday through Friday.

[Click on the KWAX website](#) for complete programming highlights.

[Back to Inside Oregon](#)

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UNIVERSITY
OF OREGON

*Welcome to
Classical Music*



KWAX-FM, owned and operated by the University of Oregon, programs classical music 24-hour per day. We hope you enjoy our programming. Please check back often. We will be adding links to our program producers, as well as listings for our locally produced programs.



While most of our music is selected from more than 7,000 CD's, we also program

selections from the 13,000+ vinyl albums in our library.



If you would like to support the operations of KWAX, please send your check to the address below:

KWAX RADIO
Agate Hall
University of Oregon
Eugene, OR 97403

If you would like to contact us with comments or suggestions, or if you have questions about our programming, please call between 9AM and 4PM weekdays.

Our telephone number is: (541) 345-0800

***** NOTE *****

We would be happy to receive your email. However, due to the high volume of messages received, we are unable to personally respond to each email request. You can contact us at: kwax@qwest.net



the uo's newsletter for faculty, staff, and graduate teaching fellows

Make a Date



Horn Will Discuss Her Lifetime Advocacy of Intellectual Freedom

The university's Library Staff Development Committee presents librarian-activist Zoia Horn at 10:30 a.m. on Thursday, June 30, in the Knight Library Browsing Room for a presentation based in part on her lifetime role as an advocate for intellectual freedom.

The lecture, titled "From the Harrisburg Seven to the Patriot Act," is offered especially to the university community.

Horn, now 84-years-old and retired, was the reference librarian at Bucknell University in 1971 when her involvement in intellectual freedom issues began. She was active in the Intellectual Freedom Committees of the American Library Association (ALA) and has lead numerous national efforts to champion confidentiality in the relationship between libraries and their patrons. Recently, Horn led opposition against a Radio Frequency Identification Device proposed for the Berkeley Public Library, contending that the device could pose disturbing consequences for privacy.

She is the recipient of multiple awards for her defense of intellectual freedom, including the University of Illinois' Robert B. Downs Intellectual Freedom Award. The California Library Association established the Zoia Horn Intellectual Freedom Award to honor other champions of free speech for lifetime achievement in this arena. She is also the author of numerous books and articles on intellectual freedom issues.

Judith Krug, longtime director of the American Library Association's Office of Intellectual Freedom, said that Horn was "the first librarian who spent time in jail for a value of our profession."

Horn was subpoenaed 34 years ago to appear at the trial of the Harrisburg Seven, a group of anti-Vietnam War activists, five of them current or former Catholic priests or nuns. She refused to testify, was found in contempt of court and jailed for three weeks.

At the trial she asked to read a statement of explanation, but was led away in handcuffs before she had begun her third sentence: "Your Honor, it is because I respect the function of this court to protect the rights of the individual, that I must refuse to testify. I cannot in my conscience lend myself to this black charade. I love and respect this country too much to see a farce made of the tenets upon which it stands. To me it stands on freedom of thought—but government spying in homes, in libraries and universities inhibits and destroys this freedom. It stands on freedom of association—yet in this case gatherings of friends, picnics

and parties have been given sinister implications, and made suspect. It stands on freedom of speech—yet general discussions have been interpreted by the government as advocacies of conspiracies.”

—Ron Renchler, *director of library communications*



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the uo's newsletter for faculty, staff, and graduate teaching fellows

Make a Date



University Hosts Northwest 'Big Brass Bash' July 8–10

< *Matt Tropman is a headliner.*

The University of Oregon School of Music will host the 2005 Harvey Phillips Northwest Big Brass Bash, July 8–10. The event is part of the Northwest International Tuba and Euphonium Association's 2005 Regional Conference.

Featured guest artists at this year's bash include Matt Tropman, former euphonium soloist with the U.S. Marine Band, and Velvet Brown, associate professor of tuba and euphonium at Pennsylvania State University.

The three-day fest is designed for tuba and euphonium players of all ages and performance abilities and is a celebration of the beauty of these two noble instruments. Participants may attend recitals, clinics, rehearsals and a solo competition and interact with guest artists in an unpretentious atmosphere. Registration fee for participants for the full three days is \$80.

Festival events that are open to the public and free of charge:

- 3:45 p.m. on Saturday, July 9—Young Artists recital, Beall Concert Hall;
- 7:30 p.m. on Saturday, July 9—Founder's Recital featuring Velvet Brown, Matt Tropman and regional professionals, Beall Concert Hall; and
- 2 p.m. on Sunday, July 10—Finale Concert at Eugene's Washburne Park, East 20th Avenue and Agate Street. Master of ceremonies will be Fred Crafts, former arts editor of *The Register-Guard*.

The bash began as a one-day affair in Spokane, Wash., in 1986. Since that first event, the bash has gone on the road with appearances in multiple cities, including Seattle, Tacoma and Boise. This summer marks the first return of the event to Eugene since it was here in 1995.

[Click here](#) for or a complete listing of events or contact Michael Grose, tuba professor, at (541) 346-5646.

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- **BBb Goals**
- **About Harvey Phillips**
- **About John Baker**
- **Board of Directors**
- **Advisory Board**
- **V.I.P.'s**
- **Photo's from past BBb's**
- **HPNWBBbXVII**
- **HPNWBBbXVIII**
- **HELP**

>>Main/HPNWBBbXIX

- Description
- Guest Artists
- Description

HPNWBBb XIX




When: Friday, Saturday and Sunday, **July 8th, 9th and 10th, 2005**

Where: Eugene, Oregon - **SCHOOL OF MUSIC University of Oregon**

Join us: [2005 HPNWBBb Registration Form](#) - (Download PDF)

For more information check this [website](#) for updates or contact Michael Grose at mgrose@uoregon.edu or **(541) 346-5646**.

Guest Artists:

		
Harvey Phillips Biography	Matt Tropman Biography	Velvet Brown Biography

Other Artists!:

Eugene Dowling
Jason Gilliam
Michael Grose

Solo Competition Information:

Competition Application Deadline	April 1st, 2005
Competition Late Application Deadline	April 15th, 2005
Notification of Results	May 15th, 2005
Competition at Big Brass Bash	July 8th, 2005

[Tentative Schedule](#) - (Download PDF)

[Detailed Solo Information](#) - (Download PDF)

[Solo Registration Form](#) - (Download PDF)

[Required Music List](#) - (Download PDF)



Housing and Area Information:

Official Hotel for the 2005 Harvey Phillips Northwest Big Brass Bash

University Housing is NOT available during HPNWBBbXIX

Links:

ITEAonline.org - International Tuba Euphonium Association

www.patricksheridan.com - Patrick Sheridan Tour Dates

Photos - Sound Files - Great Links

www.manasse.com - Geoff Manasse, Photographer

www.music.uoregon.edu - Michael Grose

www.soloeuphonium.com - Adam Frey

www.csulb.edu/~lmarstel - Loren Marsteller

www.artsdowntown.org - Puyallup's Arts Downtown - Outdoor Gallery

www.oregontuba.org - Oregon Tuba Association

www.tubachristmas.com - Harvey Phillips TubaChristmas

www.music.unt.edu/instrumental/euphonium/ - Brian Bowman

www.tubafours.com - Gail Robertson

www.dallasbrass.com - Deanna Swoboda

www.brevardmusic.org - Michael Grose

www.cookman.edu Bethune-Cookman College and

Gail Robertson

<http://members.aol.com/mnelson921> - Mark Nelson

<http://www.boisestate.edu/music/musicdepartment/fischer.html> - Michael

Fischer

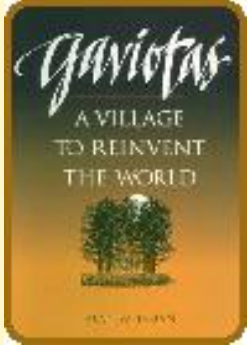
For contributions to this web page, further information or comments:

Contact: **Sam Blumenthal** bigbells@tedbrownmusic.com



the uo's newsletter for faculty, staff, and graduate teaching fellows

Make a Date



Journalist To Lecture June 23 On 'Hope In The Midst Of Hell'

< Cover of Weisman's book that will be a basis for his university lecture.

Noted environmental journalist Alan Weisman will present a lecture on a harsh, foreboding region of Colombia that has been transformed into a sustainable model community on Thursday, June 23. Weisman's lecture is part of the sixth biennial Conference of the Association for the Study of Literature and Environment, hosted by the university and the Department of English.

His talk, "Writing About Hope in the Midst of Hell," begins at 9:30 a.m. in the Erb Memorial Union Ballroom, 1222 E. 13th Ave., and is free and open to the public.

The celebrated journalist is a senior editor and producer for Homelands Productions. His reports, set in the United States, Mexico, Canada, Central and South America, the Caribbean, Antarctica, Europe, the former Soviet Union, and the Middle and Far East, have appeared in *The Atlantic Monthly*, *Harper's*, *The New York Times Magazine*, *The Los Angeles Times Magazine*, *Audubon*, *Mother Jones*, *Discover*, *Condé Nast*, *Traveler* and in several anthologies. They also have been heard on National Public Radio and Public Radio International.

His latest book is *An Echo In My Blood* (Harcourt Brace, Inc., 1999). But his talk will focus on an earlier work, *Gaviotas: A Village to Reinvent the World* (Chelsea Green Publishing, 1998), winner of the 1998 Social Inventions Award from the London-based Global Ideas Bank.

Gaviotas recounts his experiences as part of a team assigned by National Public Radio to document the world's greatest environmental crises. His search led to war-torn, drug-ravaged Colombia, where he heard about a unique community in a sparsely populated, generally uninhabitable region. The book chronicles a compelling story about how a diverse group of engineers, biologists, botanists, agriculturists, artists and others helped the village evolve into a viable, self-sufficient community.

Today, the inhabitants of *Gaviotas* produce innovative technologies (solar collectors, irrigation systems, windmills and hydroponic gardens) that use the environment without destroying it.

In 2003, Weisman was named Laureate Associate Professor in Journalism and Latin

American Studies at the University of Arizona. His current projects include research on the future of energy, funded by the John D. and Catherine T. MacArthur Foundation, and a forthcoming book, *The World Without Us*, that is set to be published by Thomas Dunne Books/St. Martin's Press.

For more information, call the Department of English at (541) 346-3911.



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Gaviotas

A VILLAGE
TO REINVENT
THE WORLD



ALAN WEISMAN

the uo's newsletter for faculty, staff, and graduate teaching fellows



'Window On The Brain' Could Help Treat Disorders

< A subject wears a Geodesic Sensor Net that has 256 electrodes to measure brain conductivity. The model shows what would result if an area of the person's left frontal lobe was physiologically active, creating electrical fields that propagate through the skull to be measured at the surface.

A discovery by scientists at the University of Oregon's Neuroinformatics Center (NIC) promises to help physicians "see" electrical activity in the brain more clearly, opening the way to improved medical care for epilepsy and other brain disorders.

The process, which recently won a major international award, provided the genesis for a new company, Cerebral Data Systems. The company's debut was announced today.

University of Oregon psychologist Don Tucker says signals of electrical activity in the human brain become distorted when they pass through the skull, much like light through frosted glass. Measurements of brain activity using electrodes attached to the skull, such as an EEG (electroencephalograph), produce "a smeared picture of brain activity," according to Tucker.

Such distortion hinders treatments that require precision in locating brain electrical activity. To correct for the distortion, physicians must approximate the source of electrical signals by analyzing and averaging EEG readings collected over extended periods of time, or open the skull and attach sensors directly to the inner cranium.

University scientists have used high-performance computing to eliminate the distortion caused by the skull and have developed a computational algorithm to translate data generated by an EEG into a three-dimensional model that pinpoints the location of the activity. A physician or diagnostician then could use this "functional image" to make a medical decision.

Co-developers of the process are Allen Malony, NIC director; Serge Turovets, an NIC computational physicist; and Adnan Salman, a University of Oregon computational science doctoral student. The university has filed for a preliminary patent on the process.

"This new computational advance gives us a window on the brain that could be a breakthrough in the precision of localizing the brain's electrical activity," says Tucker. And that, he said, could be helpful in the treatment of many brain disorders, such as epilepsy and stroke.

"An epileptic seizure is like a storm in the brain," said Tucker, with electrical charges spreading so quickly that it's not obvious where they start. He says surgical techniques exist that could be used to help remedy epileptic seizures, if the epicenter could be determined.

"Physicians have only a narrow window of time to determine the location of a stroke and administer clot-busting chemicals," he said.

Tucker and Malony, along with attorney Ann Bunnenberg, are principals in Eugene-based Cerebral Data Systems (CDS). The new company will function as a subsidiary business unit of Electrical Geodesics (EGI), a private entity owned by Tucker and Bunnenberg, with partial ownership by the University of Oregon. It's a structure that Bunnenberg says is as innovative as the product.

"The partnership will expedite the commercialization of new computational neuroscience technologies developed by the NIC by applying procedures required by the regulated medical industry during the preliminary stages of research," she said. The parallel process will create an environment that will bring new discoveries to the market quickly without shortchanging the rigor required to develop a safe and reliable product, she added.

Tucker said CDS also will facilitate application of NIC discoveries to advance computation and telemedicine services pioneered by EGI. He says CDS eventually could employ as many as 100 people.

NIC director Malony says the next research steps will make the process faster and more reliable, integrate it with software developed by the NIC and make it available for use in real applications. The research will be conducted in cooperation with several teaching hospitals, including those at the University of Washington and Harvard University Medical School.

Using high-performance computation to solve the distortion problem recently drew acclaim from the international computer science community.

The researchers' paper describing the discovery, "Computational Modeling of Human Head Conductivity," was one of only three (out of 200 presented) to win an award of excellence, at the Fifth International Conference on Computational Science, held in May in Atlanta, Ga. Malony says their discovery received recognition because it "was not an easy problem to solve and required a good merger of physics, neuroscience and computer science." The paper's authors included Salman, Turovets, Malony, computational physicist Jeff Eriksen and Tucker.

The high performance computations were made possible by a \$1 million grant from the National Science Foundation received by the NIC in 2003. With the grant, NIC founders Malony and Tucker established the Integrated Cognitive Neuroscience, Informatics and Computation Grid, a high-performance computing system dedicated to the analysis of imaging data on brain structure and function. The grid harnesses the collective processing power of 100 computers and makes the translational nature of this new process possible.

Electrical Geodesics is a direct spin-off from research done at the Brain Electrophysiology Laboratory in the university's Department of Psychology. EGI licenses technology from the university and designs, produces and sells electrophysical neuroimaging equipment and related software. EGI also employs undergraduates, graduate students and postdoctoral fellows, serving as a training ground in the field of cognitive neuroscience.

EGI and CDS are located in the university's Riverfront Research Park, 1600 Millrace Dr.

—Kathy Madison, communications officer

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Scene on Campus

New Chamber Provides Cutting-Edge Cardiovascular Research



The Department of Human Physiology recently acquired a new environmental chamber that can simulate altitudes up to 18,000 feet, control temperature at an exact point from 14 to 122 degrees Fahrenheit and precisely regulate humidity. The sophisticated chamber is expected to be central to the research of John Halliwill and Chris Minson, co-directors of the Exercise and Environmental Physiology Laboratories.

Halliwill studies why blood pressure is lower after exercise and the factors—hormonal, neural and metabolic—responsible for changes in blood flow in different regions of the body during exposure to various stresses, such as altitude (hypoxic stress) or changes in body position (gravitational stress).

Minson investigates the neural and vascular interactions in the skin during environmental heat stress. He also studies how estrogen and progesterone influence blood pressure regulation in young women.

Minson is the winner of a 2005 American Physiology Society's Outstanding Young Investigator Award (his second since 2000) and a similar national honor conferred in 2000 by the American College of Sports Medicine.

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Bargains



Free BBQ Offer From UO Bookstore

Use [the coupon attached](#) and receive a free Oregon football mini BBQ with your next university sportswear and memorabilia purchase of \$100 or more. New arrivals include casual wear for summer merchandise for the summer season.

This offer is good today through July 5 and is limited to stock on hand.

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INSIDE OREGON FACULTY/STAFF BARGAIN

Free Mini BBQ

Receive a free mini Oregon football BBQ with your next sportswear and memorabilia purchase of \$100 or more.

13th & Kincaid store only. (541) 346-4331

Coupon expires 7/04/05.

Excludes graduation merchandise.

Cashier instructions: Give discount after scanning each item. Write transaction number and amount of sale on coupon. Place in cashier drawer.

cut along the dotted line



the uo's newsletter for faculty, staff, and graduate teaching fellows

***Inside Oregon* Schedule, Call for Contributions**

Inside Oregon is our faculty, staff, GTF newsletter for the entire UO community. Your contributions and story suggestions are most welcome. Here's what we are especially looking for:

- Awards, honors, on-the-move news of your faculty and staff
- Faculty, staff and GTFs who engage the community in notable ways for our Community Spotlight feature)
- Faculty, staff and GTFs conducting compelling projects and research (for our "Cornerstones Spotlight" of people who exemplify the four UO cornerstones of connection, discovery, inspiration and opportunity)
- New works and publications by faculty, staff and GTF authors and artists
- Digital photos of your department, college or school special gatherings for our planned "Were You There?" photo gallery feature

Send your materials by e-mail to:

Paul Omundson, editor

omundson@uoregon.edu

Telephone (541) 346-3247

***Inside Oregon:* Remaining issues for spring, summer 2005**

June 20 - start of summer session issue

Aug. 15 - summer convocation issue
(Content deadline Aug. 8)

***Inside Oregon:* School year 2005-6**

Sept. 26 - start of fall term issue
(Content deadline Sept. 19)

Oct. 10
(Content deadline Oct. 3)

Oct. 24

(Content deadline Oct. 17)

Nov. 7

(Content deadline Oct. 28)

Nov. 21 - holiday issue

(Content deadline Nov. 14)

Dec. 2 - last day of fall term issue; Note: this issue posts on a Friday)

(Content deadline Nov. 23)

NO ISSUES DURING WINTER VACATION

Jan. 9 - first day of winter term issue

(Content deadline Jan. 2)

Jan. 23

(Content deadline Jan. 9)

Feb. 6

(Content deadline Jan. 30)

Feb. 20

(Content deadline Feb. 13)

March 6 - end of winter term issue

(Content deadline Feb. 27)

NO ISSUE MARCH 20 (spring break)

April 3 - start of spring term issue

(Content deadline March 27)

April 17

(Content deadline April 10)

May 1

(Content deadline April 24)

May 15

(Content deadline May 8)

May 29 - end of spring term issue

(Content deadline May 22)

June 12 - commencement issue

(Content deadline May 29)

June 26 - start of summer session issue
(Content deadline June 19)

Aug. 14 - summer convocation issue
(Content deadline Aug. 8)

For the 2006-7 school year biweekly issues begin Sept. 25, 2006.