



OREGON ACADEMY OF SCIENCE

NEWSLETTER

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65th Annual Meeting of the OAS February 24, 2007 at Western Oregon University

Have you registered yet for the Oregon Academy of Science's annual meeting, or encouraged your students and/or colleagues to register? If not, I urge you to do so now. THE ABSTRACT DEADLINE IS EXTENDED UNTIL JANUARY 31, SO THERE IS STILL TIME TO SUBMIT A PRESENTATION. This meeting represents a great opportunity for people to try out new presentations in a scientific yet friendly environment, or simply to listen to presentations about cutting-edge research and educational activities. An overview of the program is provided below. Registration is cheap and easy, and we hope to see you here in Monmouth.

We recognize that travel to Monmouth from the Portland area or from beyond the Willamette Valley can represent something of a commitment. WOU is located conveniently close to I-5, and is easily reached in less than 1 1/2 hours when driving from Portland. Maps are available at http://www.wou.edu/online_catalog/display/campus_maps.php (to help you plan your travel.) Given the early starting time for most sessions on Saturday morning, those traveling from greater distances may wish to make hotel arrangements. A partial listing of hotels is provided in this Newsletter, including several within easy walking distance of the meeting venue, lower-rate options, and downtown hotels for those desiring the full Wine Country experience.

Directions to WOU

A detailed set of driving instructions, campus maps, and parking maps is available online (http://www.wou.edu/online_catalog/display/campus_maps_parking.php). Parking Lot F is reserved for the meeting at no cost. A campus parking map is also

included in this Newsletter. Avoid parking in "Reserved at All Times" spots. For those without computer access, driving directions are provided here.

From Portland and the North: From I-5 South, take the Salem Parkway exit (260B). Follow the signs to WOU, Dallas, and Ocean Beaches. Remain in the **center lane** to enter HWY 22 West. Continue ~ 10 miles to the Monmouth Exit at HWY 99W. Continue south on HWY 99W to Main St., Monmouth, then west to North Monmouth Ave, and north one block to Jackson St (see map). Lot F is one block west on Jackson St.

From Eugene and the South: From I-5 North, exit at HWY 34 west. Continue to Corvallis, then north on HWY 99W (3rd St) to Main St. Monmouth. Continue west to North Monmouth Ave, and north one block to Jackson St (see map). Lot F is one block west on Jackson St.

From the Oregon Coast: Take Highway 22 east to HWY 99W. Continue south on HWY 99W to Main St., Monmouth, then west to North Monmouth Ave, and north one block to Jackson St (see map). Lot F is one block west on Jackson St.

From Bend and the east:

Take HWY 20 West to HWY 22, then west through Salem. Continue west to HWY 99W, then south on HWY 99W to Main St., Monmouth, then west to North Monmouth Ave, and north one block to Jackson St (see map). Lot F is one block west on Jackson St.

Lunch is included in your meeting registration fee, but can only be guaranteed if you pre-register for the

meeting. Pre-registration speeds up the registration process, saves you money, and helps us greatly with lunch planning. If you have not yet registered, please do so immediately. A registration form is included in this Newsletter. Send the completed form with your payment to Liz Atkinson (address at the bottom of the registration form). Late registration fees commence on February 6. (The fee is only \$2, so if you miss the date, please do still plan to join us at the annual meeting.) **All presenters must be members of the Oregon Academy of Science.**

Overview of the Meeting Schedule:

7:00-8:30 AM	Registration - Werner Center Upstairs
8:30-10:30 AM	Section Presentations (some sections may start at 8:00 AM)
10:30-11:15 AM	Posters and Refreshments
11:15-12:15 PM	Section Presentations
12:15-1:00 PM	Lunch in the Summit Room
1:00-1:40 PM	Awards and Business Meeting
1:40-2:40 PM	Keynote Address - Werner Center Columbia Room
3:00-4:30 PM	Section Presentations

Interested in Volunteering?

If you are interested in becoming involved with the Oregon Academy at the organizational level, contact your section chair or 2006-07 President Jeff Myers. Openings are often available for section chairs, and other positions.

2007 Keynote Address
Dr. Jack Barth
Oregon State University, COAS

Severe Hypoxia in Oregon's Coastal Ocean: Mechanisms and Impacts

Dr. Jack Barth is a Professor of Physical Oceanography at the Oregon State University College of Ocean and Atmospheric Sciences. He received his B.S. in Physics from the University of Colorado in 1982, and obtained his PhD in 1988 from Woods Hole Oceanographic Institute. His research includes the study of marine bio-physical interactions, the California current, wind strength and upwelling, ocean bottom topography and various coastal studies. He has pioneered the use of undersea gliders to estimate ocean current velocity, measure chlorophyll concentrations, suspended particulates, temperature, salinity, and oxygen concentration to monitor oceanographic conditions including biological productivity.

2007 Outstanding Scientist **Dr. Richard Ellis** **Willamette University**

Richard Ellis has been a member of the Willamette University faculty since 1990. He moved to Oregon after receiving his B.A. in Politics from UC Santa Cruz, and his M.A. and Ph.D in Political Science from UC Berkeley in 1989. Dr. Ellis teaches in the area of American politics, including the presidency, political development, and the initiative process. He also teaches courses in liberalism, privacy, and patriotism. A well written man, Dr. Ellis has published 12 books on the history of the American presidency and American political culture. His most recent book, *To the Flag: The Unlikely History of the Pledge of Allegiance*, won the 2005 Langum Prize in Legal History.

2007 Outstanding Teacher **(Higher Education)** **Dr. Tamina Toray** **Western Oregon University**

Dr. Toray's associate and friend Dr. Eric Cooley has described Tamina as possessing "the highest teaching qualities that we can expect in higher education". She is known for utilizing unique methods and commanding respect from her students as a teacher. She has worked as a therapist and instructor for the past 25 years, the last 15 of which she has been at Western Oregon University, where she has taught various developmental psychology and veterinary courses, including compassionate end-of-life care and lifespan development. Dr. Toray has published two book chapters and seven manuscripts, and currently has two in progress. She received the award for "Most Valuable Teacher" from Colorado State, and an award for Who's Who in Death, Dying, Suicide, and Bereavement Community by King's College, and has been nominated four times for Western's Teacher of the Year Award. Her research focuses on the impact of loss and grief across the lifespan, adolescents and adults, bonds between humans and animals, stress and coping, and eating disordered behaviors in young adults. Dr. Toray received her B.S. in Human Development and Family Studies from Colorado State University 1980, then went on to receive her M.A. in Counseling at Truman State University in 1982 and her Ph.D. in Family Studies at Oregon State University in 1992.

2007 Outstanding Teacher (K-12)
Mr. Daniel Jamsa
Grant Community Middle School

Dan Jamsa is an accomplished teacher of Middle School Science. He is passionate about environmental stewardship, and encourages his students to be environmentally conscious. His students have received the Discovery Channel Young Scientist award, the Bush Garden Award, and the Presidential Environmental Youth Award for their project on saving the endangered Blue Fender Butterfly. Mr. Jamsa has a deep investment in education techniques. He has been nominated twice for Oregon Teacher of the Year. His students submit 20-30 projects per year at the Oregon Junior Academy of Science; and his students have received three special awards and placed 2nd and 3rd numerous times in the Intel Science Expo. Other examples of his class' projects to date include relating forest research to community needs, and activities associated with the Salem clean water festival. Mr. Jamsa is one of those special teachers who generate relevance and interest in his students, inspiring them and equipping them with the tools to better their environment.

News from the Junior Academy of Science

The Oregon Junior Academy of Science will be held at Western Oregon University on Friday, February 23, 2007. High school students doing research in the sciences, mathematics and psychology are invited to participate. Group research projects are accepted. Outstanding OJAS presenters are eligible to present again to compete for scholarships at the Junior Science and Humanities Symposium on Saturday, February 24, 2007, also at Western Oregon University. Contact Dr. Adele Schepige at schepia@wou.edu for more information.

Some Monmouth and local lodgings

Best Western Dallas Inn and Suites

Dallas, 503-623-6000

Best Western Mill Creek Inn

Dallas, 503-623-6000

Best Western New Kings Inn

Salem, 503-581-1559/877-594-1110

Buena Vista House Bed and Breakfast

Independence, (503) 838-6364

Comfort Suites

Salem, 503-585-9705

Courtesy Inn

Monmouth, 503-838-4438

Independence House Bed and Breakfast

Independence, 503-838-0612

Red Lion Inn

Salem, 503-370-7888

Shilo Inn Suites

Salem, 503-581-4001/800-222-2244

Phoenix Grand Hotel

Salem, 503-540-7800

A few nearby Wine Country restaurants

Bistro Maison

729 E. 3rd St., McMinnville (503) 474-1888

www.bistromaison.com

J. Bella's Restaurant

114 S Main St., Independence (503) 838-4425

Joel Palmer House

600 Ferry St. Dayton (503) 864-2995

<http://www.joelpalmerhouse.com>

LaRambla

238 NE 3rd St. McMinnville (503) 435-2126

<http://www.laramblaonthird.com/>

Nick's Italian Café

521 3rd St. McMinnville (503) 434-4471

<http://nicksitaliancafe.com>

**Oregon Academy of Science Officers
and Section Chairs**

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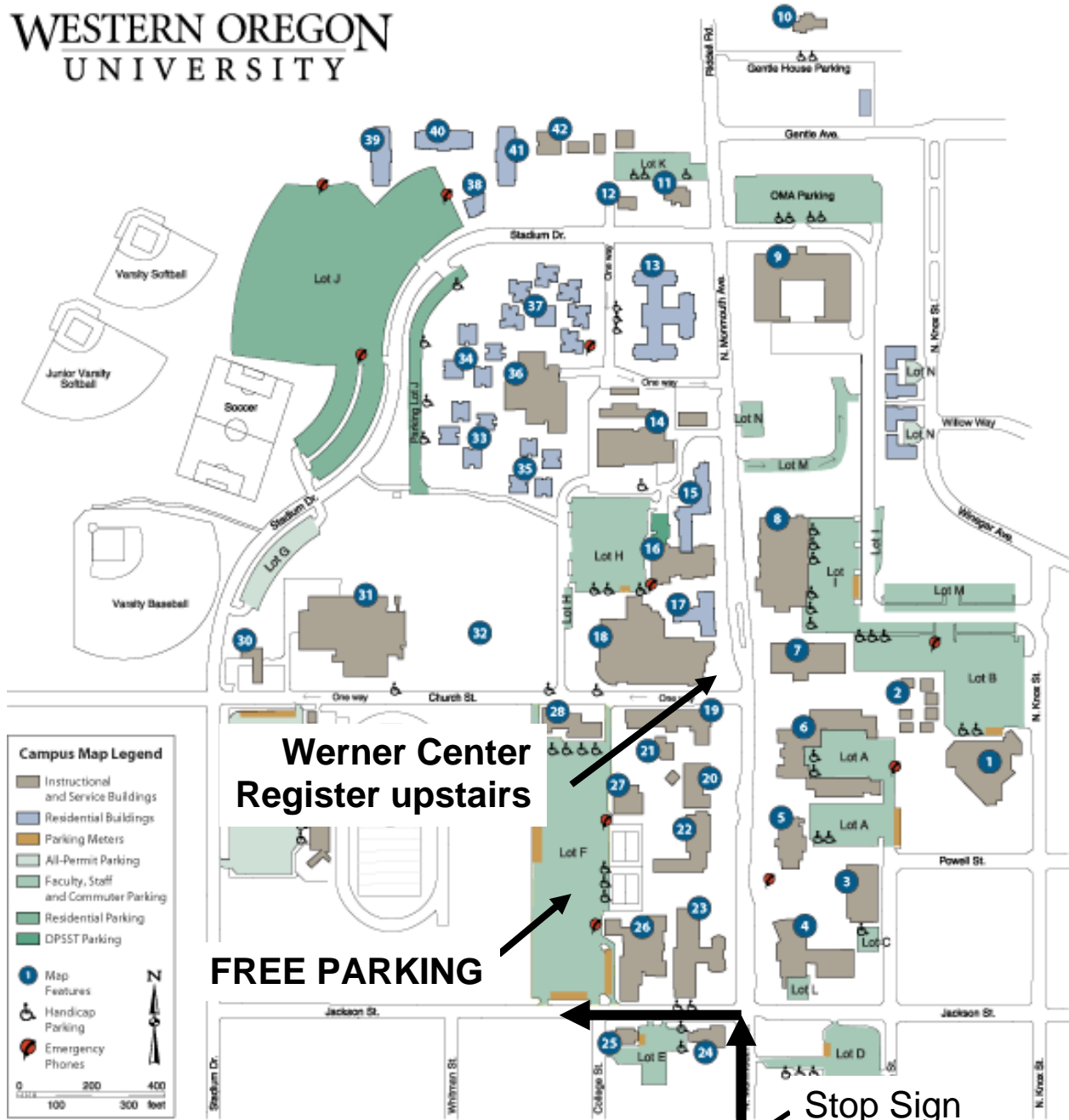
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The OAS website: <http://www.oas.pdx.edu/>

WESTERN OREGON UNIVERSITY



Main St Monmouth

HWY 99W →
3 blocks