



OREGON ACADEMY OF SCIENCE NEWSLETTER

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68th Annual Meeting of the OAS February 28, 2009 at Western Oregon University

Have you registered yet for the Oregon Academy of Science's annual meeting, and encouraged your students and/or colleagues to register? If not, we urge you to do so now. THE ABSTRACT DEADLINE IS EXTENDED UNTIL FEBRUARY 9, 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. Registration is inexpensive and easy (see registration form included), and we hope to see you here in Monmouth.

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. 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 some inexpensive options within easy walking distance of the meeting venue.

Visit the New OAS Website

Please visit the new OAS website (www.oas.pdx.edu). WOU students Ryan Stanley and Matt Buche created a new web presence that emphasizes easy access to information and site navigation. The site includes historical and background information about the Academy, new membership and meeting information, past and present newsletters and award recipients, and a list of officers and their contact information. All Academy documents including new membership and registration applications as well as **abstract submission forms** can be downloaded from the OAS website. The Oregon Academy of Science hopes to use the website to encourage online registration, promote the annual meeting, and allow easy access to Academy news and information.

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 9. (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
Pacific Room – **Dr. Greg Hill, University of Portland**
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 2008-09 President Jeff Myers. Openings are often available for section chairs, and other positions.

2009 Outstanding Scientist **Dr. Reinhold Rasmussen** **Oregon Health Sciences University**

Dr. Reinhold Rasmussen received his Ph.D in Botany-Plant Physiology from Washington University in 1964, preceded by an M.Ed. in Biology (1960) and a B.S. in Geology and Botany (1958) both from the University of Massachusetts. Dr. Rasmussen became a Professor at the Oregon Graduate Center in 1977, following extensive research in agriculture, botany, air quality, and environmental science with both corporate and governmental agencies, and a professorship in air quality research in the College of Engineering at Washington State University, Pullman. During much of that time, he was also Director (or co-Director, with M.A.K Khalil, now at Portland State University) of the OGI-affiliated Global Change Research Center. He is also founder and president of Biospherics Research Corporation (Hillsboro).



The collective impact of Dr. Rasmussen's more than 200 publications has been enormous. His work has been

cited over 5500 times. Dr. Rasmussen is a member of National Research Council panels on Vapor Phase Organic Air Pollutants from Hydrocarbons, Ammonia, and Low-Molecular-Weight Halogenated Hydrocarbons, and previously has been a member of the Air Pollution Physics and Chemistry Advisory Committee and the Environmental Pollutant Movement and Transformation Advisory Committee of the Environmental Protection Agency, in addition to many other notable distinctions.

2009 Outstanding Teacher (Higher Education) **Dr. Charles Kunert** **Concordia University, Portland**

Dr. Charles Kunert is well known for his knowledge, experience, and wisdom in the classroom, and his deep and genuine interest in student success. Four decades of former students almost unanimously credit Dr. Kunert as a major reason they chose to continue toward a career in the sciences.



Dr. Kunert has served as Dean of the College of Theology, Arts and Sciences at Concordia University, Portland, for the past nine years. He has been a member of the faculty of biology at Concordia since 1969, and teaches courses in genetics, molecular biology, evolution, and the departmental seminar. Dr. Kunert earned his Bachelor's degree from Concordia Teachers College in Seward, Nebraska, a Masters degree in biology from Portland State University and his Ph.D. in genetics at the University of Oregon in the laboratory of Dr. John Postlethwait. His research interests are in molecular genetics and in the 1990's he was instrumental in obtaining the funding and resources needed to allow Concordia to develop up-to-date laboratory facilities for teaching biotechnology and molecular biology. He has authored a number of professional publications on genetics and on the relationship between science and theology in classroom teaching.

2009 Outstanding Teacher (K-12) **Mr. Michael Geisen** **Crook County Middle School, Prineville**

Mr. Michael Geisen, a 7th grade science teacher at Crook County Middle School in Prineville, reflects that "A great teacher is a unifier of ideas, a unifier of people, and a unifier of ideas with people. In my teaching I strive to bring together creativity and science, to unite my students into a community, and to help each person

in this community connect with the big ideas of science.” This Mr. Geisen has accomplished with remarkable effectiveness during the past 9 years at Crook County Middle School. In 2008, Mr. Geisen was honored by President Bush at a White House Ceremony as Oregon’s first National Teacher of the Year, the first Oregonian to receive this distinction since 1973.



Mr. Geisen received his bachelor’s degree in Forest Resource Management from the University of Washington in 1996, graduating magna cum laude. He began his professional career as a forester, and early in his career spent several months as a teaching assistant at the University of Washington’s experimental forest. This experience convinced him to pursue a career in education as a way to connect with real people and share the excitement of science. Mr. Geisen earned a Master of Arts in Teaching, with a science endorsement, from Southern Oregon University in 2001 and began teaching that fall at Crook County Middle School.

News from the Junior Academy of Science

The Oregon Junior Academy of Science will be held at Western Oregon University on Friday, February 27, 2009. High school and middle school students conducting research in the hard and social 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 27, 2009, 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

J. Bella’s Ristaurante

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

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

Bistro Maison

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

www.bistromaison.com

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>

WESTERN OREGON UNIVERSITY



**Werner Center
Register upstairs**

FREE PARKING

Main St Monmouth

**HWY 99W →
3 blocks**

Oregon Academy of Science Officers and Section Chairs

President: Jeff Myers, myersj@wou.edu
Pres.-Elect: Rici Hallstrand, RHallstrand@cu-portland.edu, Concordia University
Past-Pres.: John McKee, john.mckee@pcc.edu
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izzypratt@hotmail.com and Matt Buche
mbuche@wou.edu
Program Coordinator- Elect:
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Newsletter Editor: Alyssa Pratt izzypratt@hotmail.com
Matt Buche mbuche@wou.edu
Proceedings Editor: Heide Deditius-Island,
island@pacificu.edu, Pacific University
Webmaster: Ryan Stanley rstanley06@wou.edu

OAS Section Chairs 2008-2009

Biology:

Dwight Kimberly, dkimberly@georgefox.edu,
George Fox University
Jeff Duerr, jduerr@georgefox.edu, George Fox
University

Chemistry:

Michael Everest, meverest@georgefox.edu, George
Fox University
Brian Gilbert, bgilber@linfield.edu, Linfield College

Economics:

Hamid Bahari-Kashani, baharih@wou.edu, Western
Oregon University

Geography:

Joe Poracsky, poracskj@pdx.edu, Portland State
University
Hunter Shobe, hshobe@pdx.edu

Geology:

Scott Burns, burnsS@pdx.edu, Portland State
University
Jeff Myers, myersj@wou.edu, Western Oregon
University

Health Science:

Satin Salehi, salehis@onid.orst.edu, Oregon State
University

Hist./Phil./Soc. Study of Science:

Dave Boersema, boersema@pacificu.edu, Pacific
University

Mathematics/Computer Science:

Tim Thompson, timothy.thompson@oit.edu, Oregon
Institute of Technology

Physics: **Scott Prah**, prahl@bme.ogi.edu, St. Vincent
Medical Center

Political Science:

Adele Kubein, kubeina@onid.orst.edu, Oregon State
University

Psychology:

David Foster, fosterd@wou.edu, Western Oregon
University

Heide Deditius-Island, island@pacificu.edu, Pacific
University

Science Education: Karen Bledsoe,

bledsoek@wou.edu, Western Oregon University

Sociology/Anthropology:

Adele Kubein, kubeina@onid.orst.edu, Oregon State
University

Richard Mitchell, mitchelr@onid.orst.edu, Oregon
State University

Dee Southard, Southard@sou.edu, Southern Oregon
University

Junior Academy:

Adele Schepige, schepia@wou.edu, Western Oregon
University

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



THE 68TH ANNUAL OREGON ACADEMY OF SCIENCE MEETING
Western Oregon University, Monmouth
Membership and Meeting Registration Form (Tax ID#: 93-603-1393)
(Please Type or Print)

I. INFORMATION

Name (Last, First, MI)			
Mailing Address			
City, State		Zip Code	
Email		Phone	

II. MEMBERSHIP INFO (Please check one option box to the left)

<input type="checkbox"/>	<i>Please send mailings electronically ONLY. I do not wish to receive OAS mailings in paper form.</i>
<input type="checkbox"/>	<i>Please do not include my name on the OAS mailing list. Following the conference I no longer wish to receive OAS information.</i>

III. SECTION AFFILIATION (Please check one option box)

<input type="checkbox"/> Biology	<input type="checkbox"/> Geology	<input type="checkbox"/> Science	<input type="checkbox"/> Sociology/Anthropology
<input type="checkbox"/> Chemistry	<input type="checkbox"/> History/Philosophy	<input type="checkbox"/> Political Science	<input type="checkbox"/> Other (Please specify)
<input type="checkbox"/> Economics	<input type="checkbox"/> Health Science	<input type="checkbox"/> Psychology	
<input type="checkbox"/> Geography	<input type="checkbox"/> Mathematics/Computer	<input type="checkbox"/> Science Education	

IV. 2008-2009 MEMBERSHIP DUES: *Members intending to register for the 2009 68th Annual OAS Meeting, please complete BOTH sections IV and V. Members are entitled to (1) receive the Annual Proceedings, (2) a discount on the Annual Meeting Registration Fee, (3) serve on the Council, (4) present papers and posters at the Annual Meeting, (5) nominate candidates for Outstanding Scientist and Outstanding Teacher awards.*

- a) Regular Member \$15.00 \$ _____
- b) Student Member (Check one: Graduate ___ Undergraduate ___).....\$8.00 \$ _____

V. PRE-REGISTRATION FEES:

*Note: Payment of the registration fee is required for attendance at the annual meeting, and entitles you to refreshments, all presentations, and lunch. **In order to make a presentation, you must be an OAS member. Registrations postmarked after February 9, and on-site registrations, will incur an additional \$2.00 late fee and lunch cannot be guaranteed.***

PRE-REGISTRATION FEES

- a) Regular Member \$20.00 \$ _____
- c) Nonmember \$30.00 \$ _____
- d) Copy of Annual *Proceedings* for Nonmember \$5.00 \$ _____
- e) Late fee (postmarked after Fee) \$2.00 \$ _____

TOTAL AMOUNT ENCLOSED (Total from #2 and #3) \$ _____

IMPORTANT: MAIL THIS FORM AND YOUR CHECK (PAYABLE TO "THE OREGON ACADEMY OF SCIENCE") TO: **LIZ ATKINSON**, Treasurer, The Oregon Academy of Science, Chemistry Dept. Linfield College, 900 S.E. Baker, McMinnville, OR, 97128-6894; **Questions:** eatkins@linfield.edu (503-883-2621).

Please **DO NOT** send this registration form to your Section Chair or the Proceedings Editor