



Richland Section American Chemical Society

winter 2004

Section to Close Year With Member Get-Together

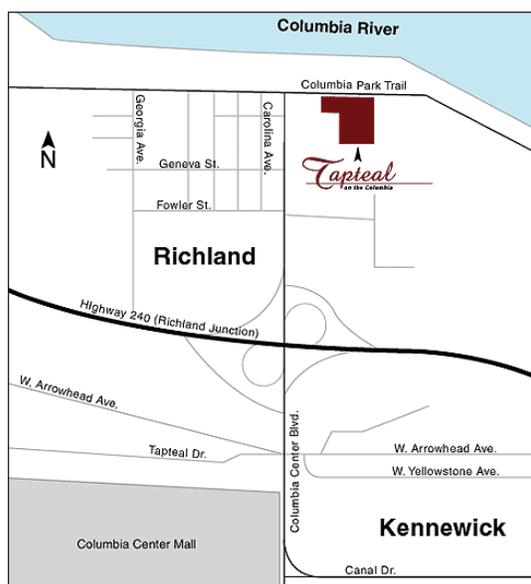
All Members and Their Guests Invited

WHO:
Section Members
and guests

WHAT:
Member Appreciation and
Volunteer Recognition

WHEN:
Friday,
Dec 3, 6-9 PM

WHERE:
Tapteal Recreation
Room.



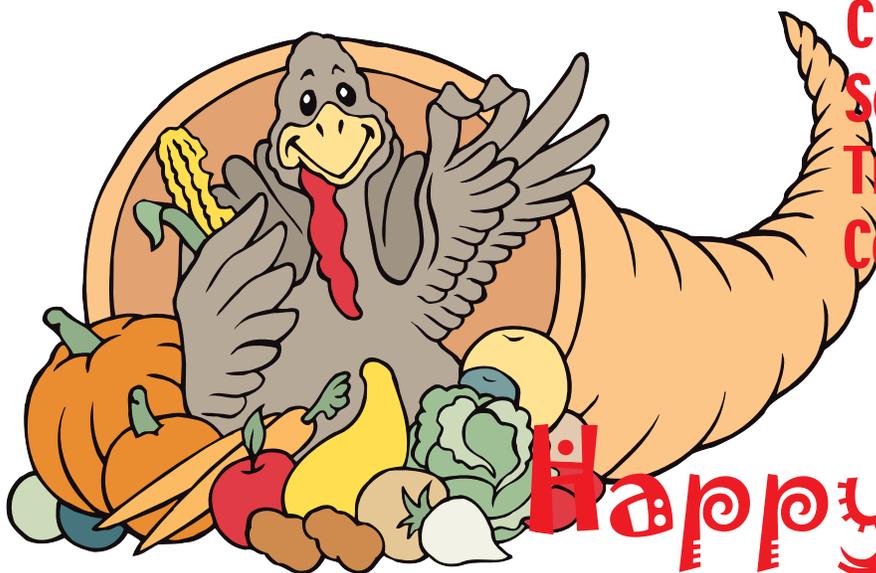
All members and their guests are invited to a social to be held on Friday evening, December 3, 2004, from 6 to 9 PM. The location will be the recreation room at the Tapteal apartment complex, 1775 Columbia Park Trail, Richland. This location is shown on the adjoining map, and can also be found at <http://www.ryapt.com/tapteal/maps-local-area.html>. Hors d'oeuvres and wine/soda will be served.

In addition to celebrating the end of a successful year and the start of the Holiday Season, this social will honor all the volunteers who have helped in some way to further the Section's goal of advancing chemistry. In particular, **Joseph J. Karchesy** will be honored for his support and commitment to chemical research and students at all levels, **John L. Cox** for his dedication and support of science and engineering education at the Umatilla Indian Reservation, and **Royace E. Aikin** for his ten year commitment to support of the Chemistry Olympiad.

So come, renew old acquaintances, and make new ones. Be sure to bring a guest and your appetite.

Inside: Section Ballot & Candidate Bios

Chair Elect Bill Samuels
Secretary Bruce McNamara
Treasurer Jeff Woodford
Councilor Richard Hermens

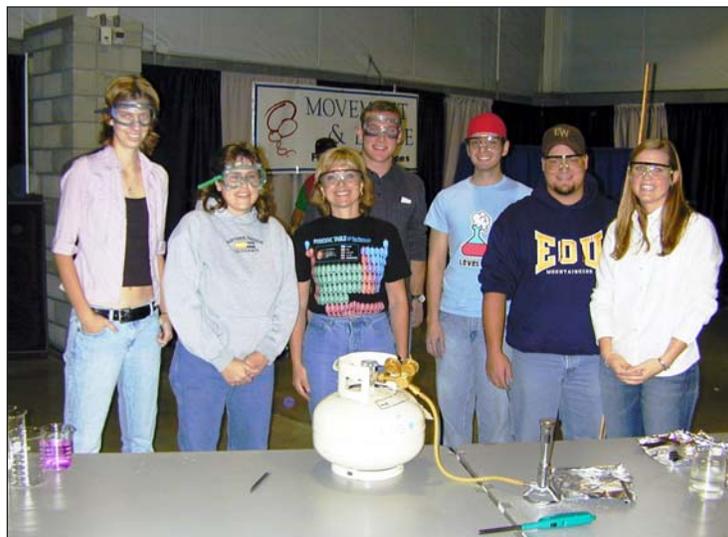


Happy Holidays!

National Chemistry Week Highlights



Eastern Oregon University (EOU) chemistry senior **Lauren Rathbone** (center) assists several students in determining the caloric content of a cashew during EOU's Girls In Science Day.



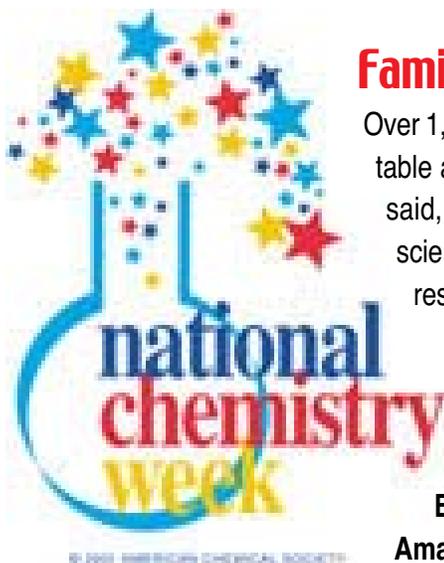
Eastern Oregon University Chemistry Club members (from left) **Christy Piper, Kathy Zemke, Anna Cavinato** (faculty advisor), **Matt McBride, Dan White, Justin Bechaver** and **Annie Miller** pose for a photo before starting the chemistry demonstrations at the Family-A-Fair exposition.

Demonstrations of Everyday Applications of Chemistry

Chemistry can be seen all around us – if we look



ACS Tour Speaker Dr. John Fortman discussed some hot topics during his talk "Demonstrations of Everyday Applications of Chemistry"



Family-A-Fair

Over 1,000 children are estimated to have visited the Section's table at this yearly event. As event coordinator **Rich Lucke** said, "The main message we want to get across is that science, and chemistry in particular, is fun." Judging by the response, we succeeded. Helping with the event were: **Scott Adams, Novella Bridges, Janet Bryant, Sam Bryan, Anna Cavinato, Karen Grant, John Heber, Tim Hubler, Jim Jewett, Chris Kemp, Megan Lerchen, Dave Lini, Zach Lucke, Michelle Mandis, Bruce McNamara, Bill Samuels, Joseph Samuels, Amanda and Richard Pierson, and the EOU Chem Club.**

Summer School Opportunities

ACS Nuclear & Radiochemistry Undergraduate Summer School

The Division of Nuclear Chemistry and Technology of the ACS is sponsoring two INTENSIVE six-week summer schools in nuclear and radiochemistry for undergraduates. The sessions will be held at both San Jose State University in California, and Brookhaven National Lab in New York, and are limited to 12 students at each site. More information & downloadable forms are available at:

<http://www.cofc.edu/~nuclear/nukess.html>

Richland Section Elections

Enclosed is the ballot for the election of Richland Section officers for 2005. We will be electing a Chair-Elect, Secretary, Treasurer, and Councilor. The secretary and treasurer positions are self-explanatory, but I would like to take a minute to explain the other two.

The position of Chair-Elect is really a three year position. The first year is a learning year that allows some time to see the workings of the ACS and the local section. The second year is spent as the Chair of the Section. In the third and final position, that of Past-Chair, the office holder takes on an advisory role.

Chair Elect **Bill Samuels**

Bill Samuels earned a Ph.D. in Organic Chemistry from Georgia Institute of Technology in 1980, worked as a pulp and bleach chemist for two different paper companies on the east coast before coming to PNL as a postdoctoral researcher in 1984. Since becoming full time staff in 1987, Bill has conducted research in the Materials Science areas of ceramic processing, inorganic polymer synthesis and characterization, interfacial control in inorganic/organic composite materials and synthesis of "glass" via low temperature routes number. Research in more traditional Chemistry areas has included "Aging" of Hanford waste tank components, NLO Christiansen filters for optical limiting, stainless steel coatings, development of biofriendly anti- and deicers. Outside of work Bill has taught eight courses for WSU-TC or the WSU WHETS over the past four years and has been active in the local soccer community either coaching or more lately as a referee. He is currently a Senior Research Scientist with Battelle.

Treasurer **Jeff Woodford**

Jeff Woodford is currently assistant professor of chemistry at Eastern Oregon University in La Grande, Oregon. He received his Ph.D. from the University of Nebraska-Lincoln in 2000 and his B.S. in Chemistry from Carnegie Mellon University in 1994. His research interests include laser spectroscopy, nonlinear optics, and computational chemistry. He has been a member of ACS since 1991.

CANDIDATE BIOGRAPHIES

The councilor position is the liaison between the local section and the national ACS. The councilor has the ability to influence ACS policy. As you can see from reading about our current councilor, Richard Hermens, who is up for re-election, he has been active in this regard.

I hope these explanations have helped you understand the positions a little better.

Sam Bryan, Section Chair

P.S. I would encourage you to consider running for a position yourself next year. The only prerequisite is a desire to get involved!

Secretary **Bruce McNamara**

Bruce McNamara obtained his Ph.D. in Physical Chemistry at Purdue University. The research at Purdue involved development of laser-based infrared instrumentation, toward kinetic studies of transient organometallic intermediates. A 1.5 year post-doc at Berkeley followed, where Bruce did similar work with more expensive laser setups and even shorter lived transients. Another post-doctoral position at PNNL in the Radiochemical Processing Group was followed by a year at DOE Headquarters in Gaithersburg, Maryland. Sick of the bureaucratic life, Bruce returned to PNNL and started his career as a chemist, where he works in a goofy-colored lab coat and rubber gloves and is often seen sporting a pocket protector.

Councilor **Richard Hermens**

Richard Hermens has served as councilor for the Richland Section to the National ACS for nine years. He was appointed to the Local Section Activities Committee, where he served on the Tools and Technology Subcommittee. He was also appointed to the Senior Chemists Task Force four years ago. This year, he was appointed to the Nomenclature, Symbols and Terminology Committee. He is Emeritus Professor of Chemistry of Eastern Oregon University after teaching there 35 years. His awards include the American Chemical Council (formally the Chemical Manufacturer's Association) Outstanding Teacher Award in 2000, the Eastern Oregon University's Distinguished Teaching Faculty Award in 1988 and eight times he was awarded the Meritorious Professor Award. He was presented the Outstanding Chemist Award from the Richland Section in 1986. He now consults with the University of Idaho and is Chairman of the Board of MicroLab Inc. He holds a patent on the Recovery of Uranium from Solutions, 17 publications and 49 presentations. He currently is a Science Educator in Residence for the University of Idaho's EPSCoR program where he teaches elementary students science across the State of Idaho.

Hail & Farewell

We would like to welcome the following new members to the Richland Section: **James Harbertson, Scott McGregor, Subhash Singhal, Krys Bronk, Joseph Geiser, Heidi Geiser, Byong Jeon, Emrah Ozensoy, Joseph Pestovich, Cornelius Swift, Robert Wiacek,** and **Collin Wick.** We wish departing members **Mary Bliss** and **Scott Chambers** the best of luck in their future endeavors.

Member Benefit

Writing an eye-catching resume just got a little easier

The ACS Department of Career Services staff has developed a new, online workshop on resume preparation. This workshop - the first in DCS' catalogue of workshops to be placed online — explains the basic principles of writing resumes. It also includes a sample resume that a user can view to see how the various sections fit together. Access this workshop from the left-hand navigation of the ACS homepage at www.chemistry.org/careers

Coming Events

December 3 **Member Get-Together**

**Richland Section
Home Page**

www.pnl.gov/acs/



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Point To Ponder

There are two ways of meeting difficulties: you alter the difficulties or you alter yourself meeting them. —Phyllis Bottome