



# Richland Section American Chemical Society

WINTER 2010

## ELECTION OF 2011 SECTION OFFICERS

Below are the Richland Section members who are running for office for the 2011 term. Please support these members by returning the enclosed ballot by November 30, 2010.

### SECRETARY *David Merrill*



David has been a member of ACS for over 25 years. David has been a resident of Richland and has worked as an Analytical Chemist at what is now AREVA for the past 19 years. He has attended many of the ACS lectures and activities since coming to Richland. For the past two years he served as our secretary, providing board meeting minutes in a timely manner. He believes in serving in the community as demonstrated by his service in non-profit organizations promoting education and analytical thinking to young students. He has assisted with the ACS Richland section presentations of the chemistry merit badge to scouts, and is a current BSA merit badge councilor. David has agreed to run as secretary again this year, as no one else has stepped forward. However he will be able to serve only through 9/30/11, After which he has obligations to serve in other organizations, and will relinquish his duties to Asanga Padmaperuma.

### COUNCILOR *Tim Hubler*



It has been a pleasure to serve as your Councilor for the past 3 years, and I would like the opportunity to continue serving for another term. During the past 3 years, the ACS has successfully confronted a period of challenges (primarily economic) and has continued to take advantage of new opportunities. I voted in favor of the new student membership status (passed by Council, Board, and members), and believe this to be a very important opportunity for our local section to advance its objectives. The ACS Board has done an excellent job of managing the Society's response to the economic downturn, and the leadership provided by our own District Director, Bonnie Charpentier (she's Chair of the ACS Board), has played a very important role in that successful response.

I enjoy hearing from members and helping them with any issue they may have with Society governance and programs, so please contact me at any time. Our members are our best source for new and better ways to keep the Society relevant and help to advance our profession and the objectives of the Society. I ask for your vote for me to continue as Councilor, but most importantly, please take the time to vote. Thank You!

### COUNCILOR *Richard Hermens*



I am a candidate for the position of Councilor for the Richland Section. As you probably know, I have served as Councilor for eleven years for the Richland Section as well as a member of national ACS committees. I was appointed to the Local Section Activities Committee, serving the allotted nine years. On that committee I served on the Technology and Tools Subcommittee. I served on the Committee on Nomenclature, Terminology and Symbols for three years. Currently I serve on the Senior Chemists Task Force (since its inception) and on Project Seed Committee. This committee provides funds for high school and college students from low-income families to do research with a company or university.

As Councilor I will take a leadership position to keep the Richland Section members informed of business that occurs at the ACS national meetings and especially the Council, the decision making body of ACS.

I am Emeritus Professor of Chemistry at Eastern Oregon University after teaching there 35 years. Awards include: 2010 Eastern Oregon U. Honorary Alumnus Award, 2003, U. Idaho, Silver and Gold award for Distinguished Alumni, 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 I was awarded the Meritorious Professor Award. I was presented the Outstanding Chemist Award from the Richland Section in 1986. In addition, I also hold two patents.

### TREASURER *Phillip K. Koech*



Phillip K. Koech received his Ph. D. in synthetic organic chemistry from the University of Texas at Austin, Texas in 2007. His research focused in the development of novel synthetic methodology and total synthesis of biologically active compounds. He subsequently joined Battelle Memorial Institute at the Pacific Northwest National Laboratory (PNNL) as a post doctoral intern under the direction of Dr. Linda S. Sapochak in 2007, and progressed to research scientist in 2008. At PNNL his research involves design and synthesis of new materials for organic light emitting devices (OLEDs). He also contributes to several other projects including acid gas capture and lithium ion batteries. Currently he serves as the ACS Richland section treasurer.

### CHAIR-ELECT *David Heldebrant*



I was born in Pasadena, California and went to school at the University of California at Davis, receiving a PhD in organic chemistry in 2005. I study green chemistry, (notably gas separations) and hope to reduce the environmental impact on industrial processes. I have been a member of the ACS since 2005 and have decided to get more involved with the organization. The ACS has helped my professional career by helping me secure a position at PNL, network with leading scientists, and allowed me to present my research on a national stage. I owe so much to the ACS that I felt it was time to give back and I would like to offer my experience and talent to the Richland chapter as well as our members in the Tri-Cities.

# BALLOT

## 2011 RICHLAND SECTION ACS OFFICERS

PLEASE VOTE - YOUR PARTICIPATION IS APPRECIATED

Please return this ballot no later than November 30, 2010.

Be sure to sign the mailing envelope.

**Ballot provided in printed copy only.**  
**If you are a Richland Section member and did not receive a ballot in the mail, please contact Steve Krogsrud at 372-2302 or email at [laroy\\_s\\_steve\\_krogsrud@rl.gov](mailto:laroy_s_steve_krogsrud@rl.gov)**



## BALLOT INSTRUCTIONS

If you have voted in past Richland Section officer elections, you will notice a difference with this year's balloting. The Section is making an effort to handle our election in accordance with our by-laws. In the future, we plan to move to electronic voting, but until then please note the following balloting instructions:

1. Place an "X" in the box next to the candidate of your choice. If you make a mistake, just cross out the incorrect mark and add the correct one.
2. Place the ballot into the "Secrecy" envelope.
3. Place the Secrecy envelope into the pre-addressed mailing envelope.
4. Write your return address on the mailing envelope and sign next to the return address. A ballot returned without the member's signature on the mailing envelope cannot be counted.
5. If you are a Hanford employee, you can return the ballot through the plant distribution. If not, please place a stamp on the envelope and mail it through the Post Office.

## UPCOMING EVENT

Local ACS members are planning a special breakfast on **January 18, 2011** to celebrate a key feature of the International Year of Chemistry (IYC 2011). The key feature, *"Women Sharing a Chemical Moment in Time"* is a world-wide unifying event organized by ACS and the International Union of Pure and Applied Chemistry (IUPAC). Details will follow in a separate email. Please mark your calendars to make this a successful event.

# EASTERN OREGON HOSTS GIRLS IN SCIENCE



*Eastern Oregon Student Chapter wins outstanding award from ACS.*

The EOU Student Chapter recently received notice that they were awarded an outstanding award for their activities during the 2009-2010 academic year. They were one of only 30 chapters in the nation to receive this recognition. New to the Chapter is also a Green Chemistry award for designing lab notebooks out of recycled paper and cereal boxes. The Chapters will be recognized in the November/December issue of "In Chemistry" magazine and at the ACS Student Chapter Award Ceremony that will be held at the 241st ACS National Meeting in Anaheim, California.



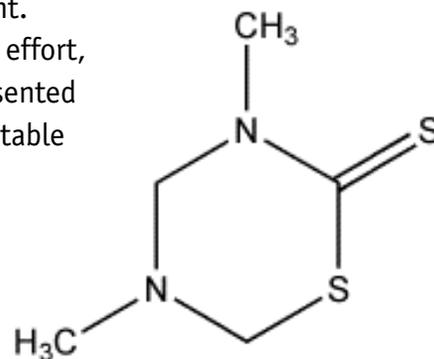
*Girls in grades 6-8, from eastern Oregon and Washington, work to try to determine the cause of a "biological attack" in a fictitious boarding school.*

No better way for the Chapter to celebrate NCW and Mole Day than to host the ninth annual Girls in Science event! One-hundred and one girls in grades six through eighth from schools in eastern Oregon and south Washington came to the EOU campus on Saturday October 23<sup>rd</sup> to solve a new mystery potentially involving an alien attack! Following the NCW theme "Chemistry behind the scenes", the Chapter worked with students and faculty from departments across campus to design a fictitious boarding school where students were getting sick and possibly dying from a mysterious virus. The young investigators used their chemistry, biology and math skills to sort out whether the nation was under attack! From checking water for pollutants like nitrites to lead in paint or radioactivity from old dinner plates, the girls had much to sort out to solve the mystery!! The event was sponsored by the ACS Richland Section, the Northeast Oregon Area Health Education Center, Eastern Oregon University, Impact 100, and Soroptimist International of La Grande.

## CHEMICAL CHALLENGE WINNER

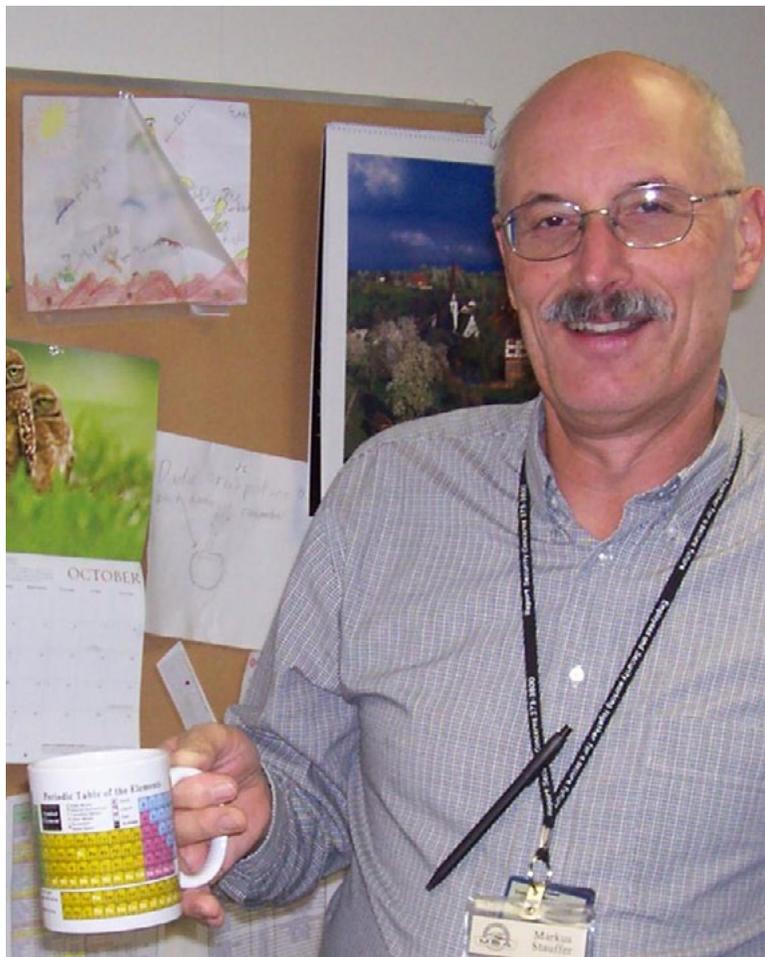
Congratulations to **Markus Stauffer** of Pasco, for winning the chemical challenge presented in the last newsletter. Markus correctly predicted that one of the major hydrolysis products of the structure presented is methyl isothiocyanate. Dazomet is a high volume agricultural chemical that is used world-wide as a soil fumigant. Dazomet reacts with moisture in the soil to release the volatile isothiocyanate, which is the actual fumigating agent.

For his winning effort, Markus was presented with a periodic table coffee mug.



**DAZOMET**

(Tetrahydro-3,5,-dimethyl-2H-1,3,5-thiadiazine-2-thione)



## VOLUNTEER SOUGHT FOR NEWSLETTER EDITOR

[www.pnl.gov/acs/](http://www.pnl.gov/acs/)

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American Chemical Society  
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The Richland Section is looking for a volunteer newsletter editor for next year. If you are interested, please contact Asanga Padmaperuma 509-372-4895 [asanga.padmaperuma@pnl.gov](mailto:asanga.padmaperuma@pnl.gov)

### Point to Ponder

When you come to a fork in the road...Take it!

– Yogi Berra