

Washington Idaho Border Section



(Fall 2012)



Inside this letter:

- ✓ News, News, News!
- ✓ Elections
- ✓ Opportunities
- ✓ Contact Information

Opportunities:

- ✓ WIBS has a \$300 travel grant for students attending and presenting at their first scientific meeting
- ✓ WIBS will pay the first year of student affiliate membership for those joining ACS for the first time
- ✓ Contact Dan Stelck or Aurora Clark for more information!

Contact Information:

Chair:

Aurora Clark
Department of Chemistry
Washington State University
auclark@wsu.edu

Chair Elect:

Jakob Magolan
Department of Chemistry
University of Idaho
jmagolan@uidaho.edu

Secretary-Treasurer:

Daniel Stelck
Department of Chemistry, University of Idaho
daniels@uidaho.edu

Councilor:

Richard Williams
Department of Chemistry, University of Idaho
Williams@uidaho.edu

Alternate Councilor:

Kirk Peterson
Department of Chemistry
Washington State University
kipeters@wsu.edu

News.

- Expansion of Lewis Clark State College Nursing and related health science programs has increased the number chemistry courses offered at LCSC, prompting the hire of Mr. **Rollie Hallen** as their chemistry laboratory coordinator. He will oversee all aspects of lab instruction in the General/Organic/Biological chemistry course.
- **Richard Williams** (UI and WIBS councilor) was elected a Fellow of the ACS, congratulations Richard!
- LCSC chemistry majors & minors had a very active summer in research experiences. Eight students were Idaho NIH-INBRE fellows, working on projects at the University of Idaho, LCSC, and Boise State University. In addition, three LCSC majors/minors participated in NSF-REU's at Boise State, University of Connecticut and Michigan State University.
- **Jean'ne Shreeve's** research (UI) on a new class of high-density energetic compounds based on tris(triazolo)benzene was reported in the September 10 issue of C&EN
- **Aurora Clark's** research (WSU) using graph theory and the Google PageRank algorithm to understand hydrogen bond networks was reported in the Feb 6 issue of C&EN, this work was also covered in Wired magazine and the Atlantic (Feb 16).
- **Jonel Saludes** has joined the faculty in the Organic Division at WSU. Jonel earned his PhD in Organic Chemistry at UC Davis. Under the supervision of Prof. Jacquelyn Gervay-Hague, ACS Fellow and Chair of the Department of Chemistry, Jonel designed, synthesized, and elucidated the solution phase NMR structure of novel chimeric peptides that mimicked the helical conformation of a cancer cell surface antigen called polysialic acid (PSA). Findings from his work provided the template for structure-based design of proteolysis resistant surrogates of PSA.

WIBS Newsletter *Fall 2012*

News (cont):

- WIBS members that included students from WSU, UI, and retired faculty and chemists from as far as Lewiston toured the B Reactor at the Hanford Site on Thursday September 20. The B Reactor is known as the world's first full scale nuclear reactor, producing plutonium for the WWII effort, and was an essential aspect of the Manhattan Project.
- Scot Wherland (WSU) received the College of Sciences Boeing Distinguished Professorship in Science/Math Education
- Kirk Peterson (WSU) was named Fellow of the American Physical Society and Fellow of the American Association of the Advancement of Science, congratulations Kirk!
- Don Matteson (WSU) was recognized at the College of Sciences Award Banquet in honor of his retirement and for his 54 years of service to WSU.
- Ursula Mazur (WSU) has been selected to receive the College of Sciences Westinghouse Professorship in Materials Science.
- Keep your eyes open for the WIBS sponsored discussion on the Kearsy Tar Sands in March 2013. Prof. David W. Schindler from the Biology Dept. at the University of Alberta and a representative from Imperial Oil will discuss environmental and economic aspects of oil exploration from this resource to our North.

Photos from the WIBS tour of the Hanford B Reactor, Sept. 20, 2012 (courtesy of John Dickson).



Notes from the Summer Natl. Meeting.

- ✓ The Council VOTED to establish a Joint Board-Council Committee on Senior Chemists whose mission is to enrich the educational, technical, and cultural lives of the ACS Membership by ministering to and employing the talents of senior ACS members.
- ✓ The ACS fall national meeting attracted 13,320 registrants, including 7,817 regular attendees and 3,177 students.
- ✓ The Committee on Economic and Professional Affairs (CEPA) has unveiled six new four-hour workshops, as the ACS Career Pathways series. CEPA trained more than 40 volunteer facilitators and the workshops are now available for regional meetings and local sections.
- ✓ The Council passed a resolution to honor the 100th anniversary of the birth of Glenn T. Seaborg, Chemistry Nobel Laureate and past ACS President.

Upcoming Events.

- ✓ Fall Elections are here! The office of Chair-Elect is open within this election cycle. Currently Ming Xian is the only candidate, however if you have more suggestions for this position, please email auclark@wsu.edu. An email ballot will be sent out in the beginning of November.