



PENN-OHIO BORDER SECTION

NEWSLETTER

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Friday, April 23, 2010

Westminster College

Witherspoon - Lakeview Room

McKelvey Campus Center

Reservation Required, \$15/person

(See form below)

Tentative Schedule of Events:

- 6:00 pm:** Undergraduate Poster Session
6:30 pm: Dinner
7:15 pm: Westinghouse's Role in The Nuclear Renaissance
8:15 pm: Award Presentations

“Westinghouse’s Role in the Nuclear Renaissance”

Westinghouse Electric Company

Since the mid 1980s there has been a declining demand for electricity that was generated by nuclear power. During the 1990s several nuclear power plants that were ordered were stopped in mid construction and moth-balled. Universities began to scale back on Nuclear curriculums and many Universities closed whole Nuclear departments. The Nuclear industry began to shrink as the industry itself went quickly from growth and development to simply maintaining the safe operation of its existing fleet around the world. In early 2000, the rising concern of Global Warming combined with both the increasing safe operation of the worldwide nuclear reactors with a decreasing cost in nuclear reactor operation, there arose a renewed optimism in the prospect of new nuclear reactor power. Westinghouse Electric Company has been involved in commercial nuclear reactor power from the very beginning. Working hard with the Nuclear Industry to change operational habits to focus first and only on safety and utilizing technology to inherently design into existing operating and future designs passive safety operational characteristics, Westinghouse, in its new position as a leader of nuclear power within the TOSHIBA Group, is at the forefront of the Nuclear Renaissance that is now being realized across the globe. This short presentation will walk through the factors that are bringing the Nuclear renaissance to a reality and present Westinghouse's history in nuclear power, current position within the nuclear industry, and how Westinghouse is poised for the near and distant future of the commercial nuclear industry.

Councilor's Report – 239th ACS National Meeting, San Francisco, CA March 21-25, 2010

The Council selected Luis A. Echegoyen and Bassam Z. Shakhashiri as candidates for 2010 President-Elect. Councilors from District II selected George M. Bodner and Joseph R. Peterson as candidates for District II Director for a three-year term. Membership dues were set at \$146 for 2011. As of March 24, 2010, the ACS spring national meeting had attracted 18,076 registrants as follows: Regular attendees 9,715; Students 5,705; Exhibitors 1,219; Exposition only 923; and Guests 514 – a record for San Francisco. The Council voted to approve the Petition on Admissions Committee, which removes the Admission Committee from the Bylaws and transfers its functions to the Council Committee on Membership Affairs. At the close of 2009, Society membership totaled 161,783. The number of new membership applications received last year was the highest ever. The 2009 number also reflects the transition of 6,658 former Student Affiliates to the new student member category in June 2009 and the recruitment of 6,341 new student member undergraduates.

Two petitions involving Petition Candidates and Election Timelines were defeated. Three petitions for consideration in Boston in August involve (1) the funding for travel of chair of International Chemical Sciences Chapters, (2) the eligibility of president-elect candidates to come from academic backgrounds every other year and from non-academic backgrounds in the alternate years, and (3) the addition of additional voting methods for recorded vote, i.e., clickers that the councilors are presently using for voting at Council Meeting.

Dr. Lane closed his report by reminding Councilors that he continues to be proud to be a chemist – improving people's lives through the transforming power of chemistry. Besides this motto, I believe that most of you have noticed the Society's new logo and tagline, "Chemistry for Life". The theme for Chemists Celebrate Earth Day (CCED, April 22) is Plants – The Green Machine.,.

District II Meeting: The Central Regional Meeting is June 16-20 in Dayton. For more information, website is www.cermacs2010.org. The ACS website is being updated, by May 1. There is discussion about moving the Council Meeting to Tuesday morning.

Please contact me with any questions, comments, or suggestions. I represent you at the National Meeting. Respectfully submitted, D. Zimmerman, Councilor POBS, 3/27/10

Volunteers Welcome!

The Executive Committee would like to welcome any POBS member to join us in planning activities. If you have ideas or time to contribute, we will happily accept your help! Just email Joelle Wells at wellsjoelle@yahoo.com or Doris Zimmerman at ZIMDORIS@aol.com with questions about ways to get involved.

Attention Younger Chemists!

The Younger Chemists Committee (YCC) is a group that represents chemists under the age of 35 or chemists at the beginning of their career. The YCC offers many events to assist with ways to help enter and adjust to the workforce and to help early career chemists advance. Visit www.ycc.sites.acs.org for more information.

42nd Central Regional Meeting of the ACS

CHEMISTRY: REACTING TO PROVIDE NEW TECHNOLOGIES

June 16-19, Dayton Convention Center and Crowne Plaza Hotel
in Historic Downtown Dayton, Ohio!

Visit: www.cermacs2010.org for more information and to submit your abstract!

Second Call for Papers for the 2010 Central Regional Meeting of the ACS

The Dayton Section of the American Chemical Society invites you to the 2010 Central Regional Meeting of the American Chemical Society, CeRMACS-2010, at the Dayton Convention Center and Crowne Plaza Hotel in historic downtown Dayton, Ohio, June 16-19, 2010. Abstracts in all fields of chemistry are being accepted at the website below through **April 15, 2010**.

The theme for CeRMACS-2010 is *Chemistry: Reacting to Provide New Technologies*. In addition to the traditional Symposia and Poster Sessions on Analytical, Biological, Inorganic, Organic, Physical, and Polymer Chemistry the meeting organizers are planning symposia on:

- New Vistas in Biotechnology: Chemistry, Materials & Applications
- Chemistry & Materials for Alternative Energy
- Metamaterials: from RF to NIR
- Materials for Aerospace and Space Applications
- Chemical Education Programming
- Computational Materials Science: Theory, Modeling, & Simulation
- Nanomaterials: Synthesis, Structures, Functionalization & Applications
- Laser-Based Technologies for Chemical Measurements
- Small Business Innovations in the Chemical & Materials Industries
- Chemistry for Peace: Building on the Dayton Accords

Go to <http://abstracts.acs.org> to obtain an ACS ID and submit your abstract.

CeRMACS-2010 is pleased to announce five keynote speakers for the technical program:

- Dr. Wade W. Adams, Smalley Institute for Nanoscale Science and Technology, Rice University
- Prof. Richard B. Silverman, Dept of Chemistry, Northwestern University
- Dr. Morley Stone, 711th Human Performance Wing, Air Force Research Laboratory
- Mr. William E. Harrison, Technical Advisor for Fuels and Energy, Air Force Research Laboratory
- Prof. Paul B. Shepson, Departments of Chemistry and Atmospheric Sciences, Purdue University

In addition to the technical program, a welcoming reception for CeRMACS-2010 will be held during which the following awards will be presented.

- The Stanley C. Israel Regional Award For Advancing Diversity in the Chemical Sciences
- The Central Regional Award for Excellence in High School Teaching
- The E. Ann Nalley Central Regional Award for Volunteer Service to the American Chemical Society
- The Patterson High-School Chemistry Awards
- The Patterson-Crane Award for Advances in Chemical Information

The CeRMACS-2010 social event not to be missed, however, is the totally awesome *Chemipalooza* at the Boonshoft Museum of Discovery. Explore the museum while consuming fabulous food and cocktails. Take in the free planetarium shows or dance to the music of a live band playing your favorite '80s tunes. While faculty members can relive the glory of their graduate-school years, their students can gain valuable insight into what makes their advisors tick (in addition to the opportunity of posting on facebook embarrassing photos of their advisors dancing).

Registration for CeRMACS2010 is now open at <http://www.xpressreg.net/eReg/?ShowCode=CERM060>

You can also make your hotel reservation at:

<http://www.ichotelsgroup.com/h/d/cp/1/en/advancedsearch?whichtype=room&roomResult=none&hotelCode=daycc&quickRes=city&GPC=ACS&requestid=409791>

POBS Tentative Schedule for 2010

April 22 – Earth Day - [Chemists Celebrate Earth Day](#) (Click to see more details on website!)

April 23 - Westminster College –Poster Session, Dinner, & Awards Banquet - 6:00 pm

“Westinghouse’s Role in the Nuclear Renaissance”

June 16-19 – Dayton, OH CERMACS

August 22-26 – Boston, MA – ACS Fall National Meeting

Sept. 24 – POBS 60th Anniversary Dinner, Overture Restaurant, Youngstown, Jeff Crystal, chef

Speaker - Dr. William Carroll, “Reese’

- Presentation of Volunteer Awards to past chairs from 1990-2010

October 17-23 – National Chemistry Week - “Behind the Scenes with Chemistry”

– (Showcases the difference between what we see in television, movies and literature and the real science behind the “magic” and mystery of special effects, hair/make-up, and forensics.)

Directions to Westminster College, New Wilmington, PA

From the north: Take PA 18 south toward New Wilmington/New Castle. Turn left onto PA 208 east. Follow PA 208 into New Wilmington. Take a right on Market Street. Left on Maple St. See Below.

From the south: Take PA 18 north toward New Wilmington/New Castle. Turn right onto PA 208. Take a right on Market Street. Left on Maple St. See Below.

From the west: From PA 60, exit on PA 208, go east approximately 4-5 miles. After entering New Wilmington, turn right at Market Street. Left on Maple St. See Below.

From the east: From I-79 take Exit #31, go west on PA 208 approximately 9 miles. (Watch in Volant for right turn to stay on PA 208 into New Wilmington.) Turn left on Maple St. See Below.

Turn left onto Orchard St. This will take you right in front of the McKelvey Campus Center. Follow the road down to the parking lot. You may park in either the upper or lower lots. Enter the McKelvey Campus Center through the main entrance you passed as you drove by. Go to the center of the building and take the spiral staircase up to the next floor. The Witherspoon Rooms are on your left. We will be in the Witherspoon Room Maple, on the left.

Reservation for Awards Banquet - April 23, 2010.

R.S.V.P. by April 15

Make Checks Payable to: Penn-Ohio Border Section

**Mail this form to: Pete Smith
Westminster College
Department of Chemistry
New Wilmington, PA 16172**

Name of person(s) Attending: _____

Number Attending: _____

Total Amount of Money Enclosed -\$15/person (No Cash Please): _____