



# PENN-OHIO BORDER SECTION NEWSLETTER

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## Annual POBS Awards Banquet

**Friday, April 25, 2014 – 6:00 pm**  
**McKelvey Campus Center**  
**Witherspoon Room-Lakeview**  
**Westminster College**

**Speaker: To Be Determined**

Everyone is cordially invited to attend the annual POBS Awards Banquet to be held on Friday, April 25<sup>th</sup> at 6:00 pm on the campus of Westminster College. As always, the evening will begin with a dinner buffet at 6:45 pm followed by a presentation (speaker TBD) at 7:30 pm. We will also be recognizing 50/60-year member(s), our top Chemistry Olympiad participants, and our recipients of the College Award for Excellence in Chemistry.

POBS is also sponsoring a research poster symposium in conjunction with the Awards Banquet. Come and see the research that our local undergraduate and graduate students are performing. Monetary prizes will be awarded to the top Undergraduate Research and top Graduate Research Posters.

The cost of the banquet this year is \$15.00 per person. If you plan to attend the banquet, please fill out the form on the last page and return it to Dr. Pete Smith by April 16<sup>th</sup>.

**Councilor's Report of the 247<sup>th</sup> ACS National Meeting  
Dallas, Texas, March 16-20, 2014**

The Council selected Peter K. Dorhout and William A. Lester as candidates for 2015 President-Elect. Membership dues were set at \$158 for 2015. As of March 19, 2014, the ACS spring national meeting had attracted 13,680 registrants including 6,853 regular attendees and 5,140 students. The meeting had 10,050 papers presented. After voting to postpone its implementation by one year, the Council voted to approve a revised formula for allocating dues funds to divisions, starting in 2015. The South Korea International Chemical Sciences Chapter and the Malaysia International Chemical Sciences Chapter Petitions were approved by Council subject to the concurrence of the Board of Directors. A special discussion item was put on the Council agenda for this meeting as follows: "What can ACS do to increase the quality of science education in grades K-12? Economic and Professional Affairs (CEPA) announced the results from the 2013 New Graduate Survey that reveal overall unemployment among new graduates rose from 12.6% in 2012 to 14.9% in 2013. This is primarily due to the high unemployment among recent Bachelors degree chemists. Chemical Safety (CCS) has published its first-ever Safety Alert concerning the Rainbow Demonstration. See C&E News, March 17, 2014 issue.

In other news, the Board of Directors voted to approve a Society nomination for the National Medal of Science. The Executive Director/CEO announced on March 6 her plans to retire at the end of the year. The ACS has recently launched the American Association of Chemistry Teachers, which will support K-12 teachers of chemistry by providing them with a professional home that addresses and is responsive to their needs.

The Executive Committee of the Penn Ohio Border Section has submitted their Bylaws for revision to the term of the members-at-large. The report has been received from C & B and will be distributed for a vote as soon as the Executive Committee approves the additional changes requested.

Other news: Susan Cramer and Doris Zimmerman judged at the Lake-to-River Science Fair. The following students received monetary awards for their science projects: Jacob McLachlan, 5<sup>th</sup> grader at St. Paul Elementary, Salem, OH; Ethan Ball, 7<sup>th</sup> grader from Poland, OH; and Emily Crouch, 12<sup>th</sup> grader from Youngstown Christian School.

Please contact me with any questions, comments, or suggestions. I represent you at the National Meeting.

Respectfully submitted, D. Zimmerman, Councilor POBS, 5/10/13.

**ARE YOU READY FOR SOME BASEBALL?**

Would you be interested in joining us one evening in September at PNC Park for a Pirate game? If so, please contact Sarah Kennedy at [kennedsa@westminster.edu](mailto:kennedsa@westminster.edu).

## Minutes of the February 28<sup>th</sup> Meeting, Youngstown State University

The first meeting of 2014 for the Penn Ohio Border Section was held February 28, 2014 at Youngstown State University with Dr. Janet Del Bene, Professor Emeritus of Physical Chemistry, Youngstown State University, as our speaker. As part of a mini-grant, retired members were invited to attend a luncheon on YSU's campus. Due to the inclement weather, only seven were able to attend. In Dr. Del Bene's talk, "TITLE", she gave a synopsis of John Pople's career with emphasis on his awards and honors. An overview of computational chemistry was also provided.

Kathy Frantz resigned as Member-At-Large, but will continue to publish the newsletter and act as Community Coordination. The Executive Committee appointed Sherri Lovelace-Cameron to fill the vacated position.

### Upcoming Events (Tentative)

- April 22**      **Chemists Celebrate Earth Day!!** Theme: "The Wonders of Water!"
- May 3**      **2014 Tripartite Symposium**, Pittsburgh, PA, "The Living History of Marie Curie"  
Details are at the end of this newsletter.
- August 10 - 14**      **ACS National Meeting**, San Francisco, CA. "Chemistry & Global Stewardship"
- September**      **Possible Social Event** – Pirates game with 3 other sections – Erie, Pgh, Central PA.
- October**      **Long Lecture**, Westminster College
- Oct. 29-Nov 1**      **CERMACS**, Pittsburgh, PA. "Bridging Chemistry and Innovation."  
Check website (<http://2013cerm.sites.acs.org/2014cerm.htm>) for more information.
- May 27-30, 2015**      **Joint Great Lakes – Central Regional Meeting**, Grand Rapids, MI

## POBS Awards Banquet Reservation Please R.S.V.P. by April 16<sup>th</sup>!

Name \_\_\_\_\_

Number of Reservations @ \$15.00 \_\_\_\_\_

Total Amount Enclosed \_\_\_\_\_

Make checks payable to: **Penn-Ohio Border Section**

Mail this form and payment to:

Dr. Peter Smith  
Westminster College  
Department of Chemistry  
New Wilmington, PA 16172

## Directions to Westminster College

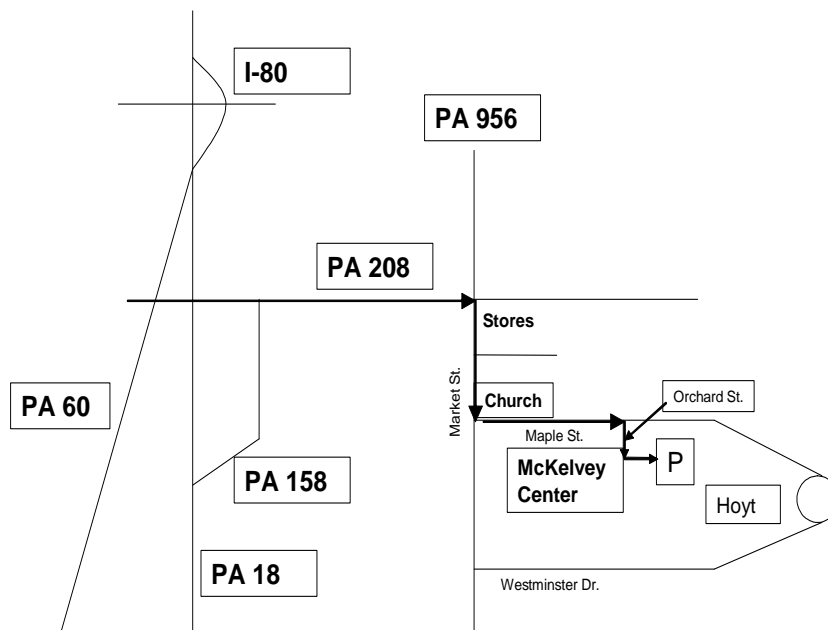
*From the north:* Take PA 18 south toward New Wilmington/New Castle. Turn left onto PA 208 east. Follow PA 208 into New Wilmington. Take a right on Market Street. Left on Maple St. See Below.

*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.



# 2014 Tripartite Symposium

Sponsored by



Did You Know...

***Madame Marie Curie visited the University of Pittsburgh 93 years ago?  
Here she comes again!!!***

When: Saturday, May 3<sup>rd</sup>, 2014  
Where: Parran Hall, University of Pittsburgh  
130 DeSoto Street (at 5<sup>th</sup> Avenue), Pittsburgh, PA  
Occasion: The 2014 Tripartite Symposium: **Marie Curie**

## ***Program***

8:15 AM Registration (*with light refreshments and beverages*)  
8:50 AM Opening Remarks  
9:00 AM Many: The Living History of Marie Curie  
(*including 1<sup>st</sup> Intermission*)  
***Susan Marie Frontczak, BS, MS, Founder, Storysmith®***  
11:10 AM 2<sup>nd</sup> Intermission (*with light refreshments & beverages*)  
11:25 AM The Pittsburgh Visit of Madame Curie  
***Joel O. Lubenau, BCE, MS, Emeritus Certified Health Physicist***  
12:15 AM Questions and Answers  
***Susan Marie Frontczak and Joel O. Lubenau***  
12:35 PM Reception

## **OPEN TO THE PUBLIC**

Registration Deadline: April 21, 2014 (Seats are limited!)  
Registration Fees (incl. Reception & Parking\*): \$15 (Adult); \$5 (Retiree & Student aged 12 & up)  
(\* Parking: O'Hara Parking Garage Entering on O'Hara Street.)

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### 2014 Tripartite Registration Form

Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_  
Email: \_\_\_\_\_ Phone: \_\_\_\_\_  
Registration Type (check one): Regular  Retiree  Student (age 12 & up with ID)   
Membership(s) (check all that may apply): SSP  SACP  ACS   
High School Teachers/Students-Educational Materials Needed: Yes  No   
PA Teacher ACT 48 Credit Needed? Yes   
Staying for Reception? Yes  No  Parking Voucher Needed? Yes  No

Please make check payable to Spectroscopy Society of Pittsburgh and mail with Registration Form to:

Ms. Shana Tokarski  
SSP - Tripartite Symposium  
300 Penn Center Blvd., Suite 332  
Pittsburgh, PA 15235

(For further questions, please email [tokarski@pittcon.org](mailto:tokarski@pittcon.org) or call 412-825-3220, x212)



## **Susan Marie Frontczak, B.S., M. S., Founder of Storysmith®**



Ms. Frontczak received a B.S. in Engineering from Swarthmore College in 1977 and a Masters in Software Engineering from the Wang Institute of Graduate Studies in 1984. From 1978 through 1994 she worked as an engineer and manager at Hewlett Packard Company, designing on diverse projects such as a graphics tablet, integrated circuits, medical monitoring equipment, and user interfaces.

Meanwhile Susan's interest in drama began at the age of five; she wrote, directed, and produced her first one-act play at age eighteen; and was a founding member of a community theater in her twenties. An avocation in Storytelling switched to a part-time profession in 1989, and grew. She took a one-year leave of absence from engineering in 1994 to give full-time storytelling a try. That one year has turned into twenty. In 1998 she founded Storysmith®, through which she has brought literature to life, created stories from thin air, and honed personal experience into tales worth telling again and again. From 1999 to 2001 she combined her interests in science and theater to develop "Manya: The Living History of Marie Curie" which has, to date, taken her to 31 of the United States and nine other countries. More information at <http://www.storysmith.org>

## **Joel O. Lubenau, BCE, MS, Emeritus Certified Health Physicist**



Joel graduated from The Cooper Union in New York City intending to be a civil engineer but Uncle Sam had other ideas (the draft was still on). He was commissioned a Reserve Officer in the U.S. Public Health Service and assigned to the Pennsylvania radiation control program. As a result of that experience, he switched to health physics. He received a MS in Radiological Health from Rutgers University and was elected to Sigma Xi.

His experience includes field, managerial, and senior staff positions with the PA Bureau of Radiation Protection, U.S. Atomic Energy Commission, and U.S. Nuclear Regulatory Commission. After retiring from government service in 1999 he was a consultant on safety and security of radioactive sources and emergency response planning.

Once again changing careers, Joel now writes on the history of the uses of radiation and radioactive materials in medicine and industry and their impact upon popular culture. His history articles have appeared in *Pennsylvania Heritage*, *Western Pennsylvania History*, *International Journal of Radiation Oncology, Biology, Physics*, and *The Invisible Light*.