



THE OCTAGON

851st LVACS Meeting:

Time to PLAY BALL!

Thursday, July 17
First Pitch - 7:05 PM
Iron Pigs vs. Syracuse Chiefs



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EVENT DETAILS:

A family friendly evening sponsored by LVACS!



Location: Coca-Cola Park, 1050 Ironpigs Way, Allentown, PA 18109

Buffet: PPL Picnic Patio - 6:00- ~8:00 PM

Menu: Typically includes burgers, hot dogs, corn on the cob, fruit, chicken, pasta and cookies. Unlimited soda throughout the game.

Cost: \$20 tickets for game and buffet. Parking \$3.00 - t-shirts available for only \$10!

For Tickets: contact Lindsey Welch (lawelch@cedarcrest.edu) or Chester Crane (ccrane9@yahoo.com)

Hurry this event always sells out fast!



May Member of the Month

Congratulations to Carolyn and Robert Buzzard, the LVACS Members of the Month for May, 2014! Both have been ACS members for more than 25 years, and devoted themselves to provide life-changing experiences for students in the Lehigh Valley area.

In 1997, the Chemistry Department at Muhlenberg College, in Allentown, PA, began a long-term partnership with the Chemistry Department of Michigan University to help identify and support promising future scientists. University of Michigan Alumni Association members Carolyn and Bob Buzzard, took the initiative to spearhead this relationship between the departments. In the Fall of 1997, Carolyn and Bob made contact with Professors Michael Morris and Mark Meyerhoff, and explored ways in which the departments might work together. The obvious point of contact was with the department's long-standing Research Experience for Undergraduates (REU) Site, funded continuously since 1989 by the National Science Foundation, and directed by Professor Brian Coppola. Each year, 1-2 spots in the REU Site are reserved for students who are screened and nominated by the Muhlenberg faculty. Since 1999, 15 Muhlenberg students have gone to Ann Arbor during the summer to spend 10 weeks in the research labs of their faculty.

Bob and Carolyn interview every Muhlenberg student who has been selected

to attend U M for summer research before they leave for Michigan in Apr. / May and after their return in September. They spend one week at the University every fall with individual discussions with 12 to 20 appointments of Chemistry and University personnel. Each year a U M chemistry professor visits the Muhlenberg campus upon invitation for an overnight visit and provides a seminar presentation. In the words of Carolyn and Bob, "the University of Michigan faculty personnel in the Chemistry Department, several other departments and the Administration have been most accommodative to our Muhlenberg chemistry students and us for the past 17 years. These Michigan people which began as colleagues are currently good friends too!"

Both Carolyn and Bob attended Muhlenberg College, graduating in 1961 and 1962, respectively. After their Muhlenberg education they earned their Masters' Degrees as Chemistry Majors at ESU. Carolyn taught chemistry, nuclear chemistry and mathematics for 36 years mostly at Liberty High School in Bethlehem, PA. Bob spent 3 years in Chemical Industries at Celanese Corp. of America, and J.T. Baker, and taught chemistry for 33 years at Liberty High School.

This outstanding couple received a dual Muhlenberg College Alumni Achievement Award in 2000 for their initial
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(member of the month - continued from page 2)

accomplishments with The University of Michigan, and they fund the Robert & Carolyn Buzzard Graduate Chemistry Student Leadership Award which is given to a graduate student who has shown leadership skills at the Department of Chemistry at the University of Michigan. This award is for a student with an active role in the Department - assisting with graduate recruitment; working with faculty and staff to provide a better environment for graduate students; also serves as a morale and welfare support person. (<https://www.chem.lsa.umich.edu/chem/alumni/news/11newsletter.pdf>). Muhlenberg College recently featured the activities of Carolyn and Bob in their magazine <http://muhlenberg.edu/cultural/magazine/MuhlenbergMagazineWinter2014.pdf>

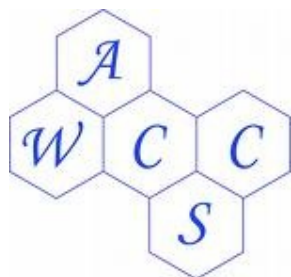
In closing, Elia Wright, a graduate of Muhlenberg College and current doctoral student at the University of Michigan publicly thanked Bob and Carolyn in her commencement speech, saying "I truly believe that the education I have received at Muhlenberg will be the key to my success in the future. There is no possible way to put a price on that". She pointed out that the REU had been very important to her, and that "Fortunately, a Muhlenberg alumni couple forged a great relationship between Muhlenberg and the University of Michigan, and now U of M reserves at least one slot for a Muhlenberg student every summer in their Chemistry REU program. "

Bob and Carolyn can be found at LVACS monthly meetings, and holding periodic and informal discussions with college students in the Lehigh Valley.

*Submitted by Lorena Tribe,
LVACS Awards Committee Chair*

Organic Chemistry Scholarship Winners Announced

The Organic Scholarship committee of the Lehigh Valley Section is pleased to announce that Ms. Amber Bell of East Stroudsburg University and Ms. Kelianna Comitolo of Moravian College will be sharing the sections organic chemistry scholarship. Additionally Ms. Comitolo will be awarded the best essay award for her essay on Penicillin and β -lactams. We would like to congratulate both Ms. Bell and Ms. Comitolo and will honor them at the September meeting of the Lehigh Valley Section of the ACS.



WCC Luncheon - New Date

SATURDAY, SEPTEMBER 20TH, 12-2 PM

This luncheon is an opportunity for students, faculty, and industry chemists to network and enjoy some BBQ. The speaker, Christine Ingersoll, will be discussing her experiences with setting up successful collaborations with academic and industry chemists. Undergraduate and graduate students in chemistry, chemistry faculty, industry chemists should enjoy this event and opportunity to network and connect.

Location: Hoffman House, Muhlenberg College, 325 N. 23rd St. Allentown, PA 18104. Parking lot on left side of Hoffman House.

Cost: \$20 per person (\$10 for students).

Contact: RSVP to Sherri Young (young@muhlenberg.edu; 484-664-3271) by September 13th.

Program Details: The speaker will be Dr. Christine Ingersoll, Professor of Chemistry at Muhlenberg College. Dr. Ingersoll will be talking about a collaborative, inter-

disciplinary undergraduate research program in analytical chemistry.

Christine Ingersoll received her B.S. in chemistry in 1993 from the State University of New York College at Oswego. She earned her Ph.D. in Analytical Chemistry at the State University of New York at Buffalo in 1997, where she worked under the mentorship of Dr. Frank V. Bright on spectroscopic characterization of chemical and biochemical sensors and sol-gel-derived sensing platforms. After a one-year visiting position at Buffalo State College, she joined the faculty at Muhlenberg College, where she is currently Professor of Chemistry. Christine regularly teaches courses in analytical chemistry and instrumentation, introductory and general chemistry, as well as an upper level course on laboratory automation. Her research program uses analytical chemistry to investigate plant defense chemistry, flavonoid-protein interactions, and cell culture media characterization. Her current research focuses on using automation and Design of Experiments (DOE) to optimize sample preparation for the GC-MS characterization of cell culture media. Christine's research has been funded by the National Science Foundation, Merck/AAAS, and Johnson & Johnson, and her most recent publications with students have appeared in *Botany*, *International Journal of Plant Sciences*, and *Journal of Chemical Education*. In 2012, Christine was one of the inaugural recipients of the American Chemical Society Women Chemists Committee's Rising Star Award, for her collaborative, interdisciplinary research program.



2014-2015 LVACS Meetings

September - TBA

October - Teachers Night - Moravian College

November - Lehigh University (National Chemistry Week Posters)

January - Penn State Berks - Webinar

February - Albright College

March - TBA

April - DeSales - Student Research Poster Session and Awards Night

May - Cedar Crest College

June - Networking Social Meeting - TBA

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Thanks to all of our volunteers!

If you are interested in joining a committee please contact and LVACS officer (contact information of page 5 of this issue)

CHEMISTRY & GLOBAL
STEWARDSHIP

FALL 2014 NATIONAL MEETING & EXPOSITION
AUGUST 10-14, 2014
SAN FRANCISCO, CA, USA