

# CHEMISTRY

N E W S L E T T E R

Millersville University, Department of Chemistry ♦ [www.millersville.edu/~chem](http://www.millersville.edu/~chem) ♦ Fall 2010

## General Update

The summer is now over and we are about to embark on yet another exciting academic year, but first I'd like to give you an update on the past semesters activities.

The chemistry department made several minor changes to the chemistry curriculum during the past year that primarily involved course prerequisites. Based on current economic issues, we cancelled one of the two sections of CHEM 110 in fall 2009 and our topics course in spring 2010. We increased the enrollment in the remaining section of CHEM 110 (Fundamentals of Chemistry). We offered CHEM 110DL over winter term of 2010.

After a PASSHE review of programs state wide, PASSHE recommended discontinuing the Associates Degree in Chemistry. This was due to consistently low enrollments over the last few years. However, we will continue to offer the A.S. Chemistry/Pre-Pharmacy degree program.

The fall/spring class enrollments for 2009-10 were very healthy and reached numbers close to 3000. Currently there are 107 chemistry majors. Nine chemistry majors were graduated in May. A number of majors (8) attended the ACS national meeting in San Francisco to present their research. We had 21 majors engaged in undergraduate research during this academic year; the majority of whom received Neimeyer-Hodgson Student Research Grants and Performance Funding to support their research.

With funds from the one-time operating budget in 2009-10, the department purchased an Agilent HPLC with an auto sampler. Steve Peurifoy, our lab technician, has assumed the responsibilities for maintenance of the NMR. He took a week long workshop at the Walnut Creek, CA, Agilent site for instruction in all aspects of maintenance and repair of the NMR. During the past year, he was trained to do the helium fills for us. Both of these initiatives will save the university thousands of dollars.

It was a difficult year scheduling courses without Mrs. Greco who retired last year. We have added Dr. Margret Burns to our list of temporary part-time faculty.

**Dr. Laura Anna** had a joint publication with Dr. Rajaseelan and his son in an international journal in inorganic chemistry. She also had numerous presentations over the year including the national ACS meeting held in San Francisco in March. She also was a symposium organizer at the same meeting.

**Dr. Patricia Hill** gave yet another excellent workshop on chemistry and art during the first summer session. In addition, during the year she conducted a workshop at NYU Conservation School. She delivered two lectures at the ACS meeting. She is co-PI on a 5 year NSF National Dissemination Phase 3 grant proposal for \$4.5 million.

**Dr. Jeremiah Mbindyo** continues to be productive in writing and receiving grants (i.e., Cottrell College Science Award for \$14,330). He continues to be an active participant at PA-CAN. In addition to his grant writing, he has supervised a number of student research projects.

**Dr. Aimee Miller** presented at the national ACS meeting in San Francisco, CA.

**Dr. Edward Rajaseelan**, Jonathan Rajaseelan (his son), and Dr. Anna had a major publication in the *Eur. J. Inorg. Chem.* He also had a publication with Daniel Stasiw and Dr. Anna in *Acta Crystallographica*.



**Dr. Lyman Rickard** in collaboration with Dr. Cosentino received \$10K from KIZ (Keystone Initiative Zone). He and his student researcher presented their work at the national ACS meeting. His publications include the 5<sup>th</sup> ed. of his text and the 9<sup>th</sup> ed. of the lab manual.

**Dr. Maria Schiza** gave an invited talk at the national ACS meeting in San Francisco, CA. She was Co-Coordinator of the Science Olympiad at MU. She was also a consultant for Ross Technologies (Lancaster, PA) on SEM image acquisition and interpretation.

**Dr. Robert Wismer** is the editor of a photographic CDrom of the annual study conference of the Scientific Instrument Society which was held in Paris, France, in May 2009.

## Faculty

## How YOU Can Help

Like what you read about chemistry alumni, faculty, students and programs? Please keep our programs strong and support chemistry students. Give on-line @ [www.millersville.edu](http://www.millersville.edu). Click on the "Giving" tab OR send your gift to Millersville University, Development Office, PO Box 1002, Millersville, PA 17551-0302. Gifts can be restricted or unrestricted.

### HOMECOMING WEEKEND ACTIVITIES

**Saturday, October 23**

**Science and Mathematics Alumni Gathering, 12:30 p.m. – 2:00 p.m.** (Caputo Hall, Steinman Courtyard)

Science and Mathematics alumni are invited for dessert and beverages. Free. Reservations are requested by registering online at [www.villealumni.com](http://www.villealumni.com) or call the Alumni Office at 717-872-3352 or 800-681-1855.

**Science and Mathematics Student Research Poster Display, 8:00 a.m. – 4:30 p.m.** (Caputo Hall Lobby)

Current undergraduate and graduate research poster papers will be displayed.

# H i g h l i g h t s

# CHEMISTRY

## Student Activities

We are extremely proud of the Chemistry Class of Spring 2010. Their names and affiliations follow:

### BS Graduates

- ✦ **Alan Budgeon** will attend Washington State University
- ✦ **Matthew Graham** has accepted a position at Mt. Joy Wire
- ✦ **Jeffrey McCall** will attend Temple University
- ✦ **Shaun Shahan** will attend the University of Rochester, New York
- ✦ **Daniel Stasiw** will attend the University of North Carolina, Chapel Hill
- ✦ **Joshua Yablonski** will attend the University of North Carolina, Chapel Hill

### BSE Graduates

- ✦ **Caitlin Cochran**
- ✦ **Lisa Good**

### AS Pre-Pharmacy Graduate

- ✦ **Amy Null**

### Student Internships and REUs

- **Jamaal Davenport:** Glatfelter, York, Summer 2010
- **Katie Hockenberry:** Stoner Inc., Quarryville, Summer 2010
- **Lauren Moyer:** REU, University of Pennsylvania; Summer 2010
- **Randy Petersheim:** NSF REU in Spain; Summer 2009
- **Lauren Shumway:** Illuminex, Lancaster, PA, Summer 2010
- **Joshua Smith:** Millersville University, Summer 2010
- **Glorines Suarez:** Lancaster Labs, Leola, PA, Summer 2010

The ACS Student Affiliates received the Honorable Mention Chapter Award for its 2008-2009 activities. The award was received at the 239<sup>th</sup> ACS National Meeting in San Francisco, CA.

### Spring 2010 Graduates



*Back [Left to Right]:*

★ Alan Budgeon ★ Matthew Graham ★ Joshua Yablonski ★  
★ Shaun Shahan ★ Jeffrey McCall ★

*Front [Left to Right]:*

★ Caitlin Cochran ★ Daniel Stasiw ★

*Graduates not available for photo:*

Lisa Good, Amy Null

## Alumni News

### Alumni Updates

*Please look for our alumni updates on the chemistry web site.*

We are publishing our newsletter electronically due to budget restrictions. Please spread the word to other alums to check it out on the web site. If you would like us to update your activities, send us the information by email or directly through our "Alumni News" link on our web site.

### Fall 2010 Seminar Speakers

**Mr. Eric Kratz** (MU '08) University of Pittsburgh, PA, "*Modeling Self-Assembly of Discotic Molecules*", October 18

**Dr. Jeffrey Rood** (MU '04), Elizabethtown College, PA, "*Metal-Organic Frameworks: Porous Materials with Promising Applications*", December 6

Dr. Donald E. Weiman, 85, of Willow Valley Manor, formerly of Lancaster and Millersville, died Saturday, September 25, 2010. He was the husband of Philomena F. P. (Wallace) Weiman for over 34 years. Born January 7, 1925, in Lebanon, he was the son of the late Jesse and Mary (Howels) Weiman.



Dr. Weiman was an Emeritus Professor of Chemistry at Millersville University; retiring from Millersville in 1987. Earlier in his life, he worked for DuPont. He held a B.S. from Lebanon Valley College (1948), a M.S. from the Univ. of Vermont (1950) and a Ph.D. from the Univ. of Delaware (1953). Dr. Weiman was an accomplished musician and a member of MENSA. He enjoyed traveling throughout the USA and Europe. He was a member of the Lancaster Liederkrantz where he played in the band and a member of BPOE Lodge #134 in Lancaster. He was a proud WWII Veteran of the U.S. Air Force having served in the European Theater.

A Celebration of Dr. Weiman's Life will be held in the Johnson Auditorium, Willow Valley Manor North, 600 Willow Valley Square, Lancaster, PA 17602 on Friday, October 15, at 10:30 a.m. with Millersville Univ. Chaplain, Rev. Duane L. Metzler, officiating. Memorial Remembrances can be made in Dr. Weiman's memory to the Millersville University Foundation; write on the memo line: Dr. Donald E. Weiman Equipment Endowment Fund. Please send to Millersville University, Development Office, PO Box 1002, Millersville, PA 17551-0302.

## Emeritus Faculty

### **Alums! We LOVE to hear from you!**

Update your contact information online at: <http://www.millersville.edu/~chem/>

Click on "Alumni" on the left side of the page.

Then click on "Update Now" on the right side of the page to update your information for us.