Meetings and Events

September 27: The Tenth Section Picnic of the New Era!

Section News and Other Stuff

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The meeting of Council at the fall meeting was full of farewells and standing ovations. As you may know, Madeleine Jacobs will retire from her positions as Executive Director and Chief Executive Officer of the ACS. She gave a heartfelt farewell, thanking by name her staff and fellow board members, with her voice cracking with emotion only on her concluding remarks. I’m sure I’d be crying, too, if I were saying goodbye to a million-dollar salary, even without the international travel perks. Ms. Jacobs got a minute-long standing ovation from Council.

Bill Carroll, Past ACS President and Chair of the ACS Board, was up next. Dr. Carroll will reach the term limit at the end of this year, and although he’ll probably win the upcoming election for Director at Large, this was to be his last time addressing Council. Many Councilors recall meetings of Council where Dr. Carroll presided; his prepared remarks were funny and on point but his ad libs were even better. Bill Carroll will surely be missed at Council, as evidenced by its raucous standing ovation.

After reports from the ACS President, Immediate Past President, and President Elect, a Councilor from Marinda Wu’s local section evidently realized that her address was also the last time she, as Immediate Past Chair, would be addressing Council (I guess she has no plans on running for a position on the Board), and suggested that Council into give her a standing ovation, which was well received. We’ll see if Tom Barton will be given the same fond farewell next year.

As you may have heard, Donna J. Nelson (Professor, Department of Chemistry and Biochemistry, University of Oklahoma) was nominated by petition and will join Peter K. Dorhout (Dean of Arts & Sciences and Professor of Chemistry, Kansas State University) and William A. Lester, Jr. (Professor of the Graduate School, Department of Chemistry, University of California) on the ballot for 2015 ACS President Elect.

Prior to Council, I attended the Town Hall Meeting featuring Candidates for Directors-at-Large, 2015-2017: Dawn A. Brooks (Sr. Director, Lilly Research Laboratories, Eli Lilly and Company, Indianapolis); William F. Carroll, Jr. (Vice-President, Occidental Chemical Corporation, Dallas); Barbara A. Sawrey (Associate Vice Chancellor, Academic Affairs, and Dean of Undergraduate Education, University of California, San Diego, La Jolla); and Ellen B. Stechel (Deputy Director, ASU-LightWorks, Tempe, AZ, Arizona State University). Using my patented four-point system to grade each candidates’ answers to questions posed by the audience, Bill Carroll came up way ahead, with Barbara Sawry and Ellen Stechel locked in a virtual tie, and Dawn Brooks trailing far behind.

Skipping ahead to committee reports of interest to the Dayton Section, SOCED (the Society Committee on Education) received an update on the new American Association of Chemistry Teachers (AACT), which is now accepting members and will officially launch September 2, 2014. AACT member benefits include access to curricular resources, such as lesson plans and multimedia; professional development opportunities; a subscription to ChemMatters; and an online member network. Go to http://teachchemistry.org for more information. SOCED voted to approve revisions to the current policy statements on hands-on laboratory science, science and technology funding, and visa restrictions. The statements will go to the Board of Directors for approval at its December meeting.

The total attendance at the meeting was 15,761, which included 3,671 students. The Career Fair offered 74 jobs from 38 employers to 651 job seekers. Once again, your Councillor did not get a single interview. The Committee on Economic and Professional Affairs announced that the unemployment rate for all ACS chemists has dropped from 3.5% in March 2013 to 2.9% as of March 2014. However, the unemployment rate for new chemistry graduates as of August 2013 is considered to be an all-time high of 14.6%. The number is even higher for bachelor’s level graduates, for whom the rate is 15.8%.

The remainder of my report is verbatim, as provided by ACS staff, and can be accessed at DaytonACS.org.

Your faithful Councillor, Steve Trohalaki
Upcoming Meeting

September 27

Tenth Annual Section Picnic of the New Era

Where: Magee Park, 1820 Little Sugarcreek Road, located in the City of Bellbrook on Little Sugarcreek Road between State Route 725 and Possum Run Road (See http://www.bellbrooksugarcreekparks.org/parks/magee_park/ as well as directions and map below.)

When: 11:00 AM – 3:00 PM, Rain (unless an incessant downpour) or Shine!

We’ll continue our revival of an old tradition with a picnic at the same venue as the previous two years. All Section Members, their families, and prospective Section Members, e.g., students, are invited. The Section will provide hamburgers, hot dogs, brats, veggie burgers, and soft drinks. Please bring a side dish or a dessert (peanut butter chocolate chip cookies would be great) to share.

Those of us with kids are encouraged to bring the typical sports paraphernalia — soccer balls, footballs, Frisbees, and badminton and softball equipment — while those with peculiar Ohio personalities will automatically haul out home-made corn hole sets, but feel free to bring your favorite sports gear (except firearms, bows & arrows, and lethal lawn darts from the 1970s). For those section members who are single, we suggest trying out https://dreamcliq.com/.

For planning purposes, let us know if you’ll attend and the number in your party; contact Leanne Petry at lpetry@centralstate.edu or 376-6656. Let us know, too, if you’d like to take over grilling duties from Steve, who’s recently been traumatized by binging on reality-TV cooking shows.

5.9 mi
At exit 7, take ramp right for Wilmington Pike toward Bellbrook

0.3 mi
Turn right onto Wilmington Pike / Wright Brothers Pkwy

0.2 mi
Turn right onto Feedwire Rd

1.1 mi
Turn right onto Little Sugarcreek Rd

1.4 mi
Turn left onto road

227 ft
Arrive at near street, Bellbrook, OH 45305
DAYTON SECTION OUTREACH

For a second year, the Dayton Section engaged Dayton-area middle and high school students from rural and urban school districts in chemistry and chemistry-related activities. By forming a partnership between the Dayton Section, local universities, and local school districts, a science-based network is being created to connect students to individuals with an interest in science at all levels of education — other middle school or high school students, college students, district educators, university professors, and researchers — from all social backgrounds.

This summer, faculty from the Department of Natural Sciences at Central State University (CSU) facilitated two separate outreach events with middle school students. A precipitation experiment was performed by students, demonstrating the chemical reaction between the sodium bicarbonate and calcium chloride to form calcium carbonate, sodium chloride, water, and carbon dioxide. By writing the corresponding chemical equation and recording their observations, e.g., the formation of a precipitate, these students gained valuable scientific writing experience. Based on their written hypotheses and conclusions about the chemistry activity, the top middle school-student science writers at each event were awarded Texas Instruments TI-36 scientific calculators.

In the two years since the program’s inception, approximately 130 young minds in greater Dayton have been impacted by our outreach efforts. The Dayton Section will continue these activities next year for a new crop of students. The Section seeks to expand the one-day event to a week-long camp experience. The funds from an innovative project grant, provided by ACS to seed our events, must be augmented by external donations from local industry and academia if they are to continue. We are committed to inspiring students in lower income areas of Dayton to learn chemistry by providing their schools with hands-on learning activities of chemistry relevance.

The school districts and faculty participating in our chemistry outreach events were:

Xenia Community Schools (District 1)
  Date: Tuesday, 24 June 2014
  Location: Central State University, Seed to Bloom Summer Program
  Faculty: Dr. Cadance Lowell and Dr. Leanne Petry

Richard Allen Academy, Dayton Public School (District 2)
  Date: Tuesday, 15 July 2014
  Location: Salem Avenue Downtown Campus Summer Program
  Faculty: Dr. Ibrahim Katampe, Dr. Leanne Petry, Ms. Anderson, and Mr. Colson

Xenia Community School students in the Seed to Bloom Program at Central State University start to germinate.
In an abrupt break from a 70-year tradition, the Patterson High School Chemistry Awards were not presented at a Dayton Section meeting. Rather, winners received their awards at their high schools’ year-end award ceremonies. The ten students who scored highest on a standard chemistry exam were invited to write essays on what chemistry means to them. The essays were ranked by a committee formed by the Dayton Section, with the top three awarded prizes of $1000, $750 and $500 for 1st, 2nd and 3rd place, respectively.

This year’s winners, their essays, their High Schools (and their teachers) are:

First Place:
Maxwell Venetos, *The Importance of Synthetic Polymers*, Centerville High School (Bonnie Buddendeck)

Second Place:
Matthew Sells, *Russell Ohl’s PN Junction and the Technological Age*, Northmont High School (William Patrizio)

Third Place:
Sam Blizzard, *Nuclear Fission and Its Effects: Chemistry and Beyond*, Northmont High School (William Patrizio)
ACS Career Navigator

ACSEntrepreneurial Resources Center and Training Program
ACS offers resources and training to help chemists with start up businesses at www.acs.org/ei.

Professional Education Online Courses
ACS has discounted member-only rates on most of the in-person and online training courses offered to help you refresh basic skills or branch into areas of emerging science and advanced applications. By presenting these courses in a variety of mediums, we have something to fit every learning style.

ACS Salary Calculator™
Exclusively available to ACS members, use the ACS Salary Calculator™ to ensure that you are making the same full-time base salary as others in jobs like yours.

ACS Employment Dashboard™
The ACS Employment Dashboard™ provides an overview of salaries, demographics, and employment statistics from ACS employment surveys. You can view salary, employment, or demographic data in all regions of the United States or a specific region of your choice. Data is available from 2000 through 2013 and is compiled from the annual Comprehensive Survey of Salary and Employment as well as the ChemCensus Survey, which is collected every five years.

Sci-Mind™ Online Learning Communities
Sci-Mind™ is a customizable, online environment that integrates traditional classroom discussions, lectures, and activities, with social media tools for flexible access and learning. Replacing pre-determined syllabi, all Sci-Mind™ curricula, assignments, activities, and even experts are customized according to the needs of each cohort, and use real-life situations faced at work to illustrate lesson plans. Topic areas for cohorts include Separation Science, Toxicology for the Scientist, and Polymer Coatings beginning in 2014.

ACS Webinars®
Tune in to weekly live shows that connect you with the best and brightest minds in chemistry. Join the discussion with subject matter experts and global thought leaders in science, careers, innovation, and much more. Timely topics with immediate real-world applications, every Thursday at 2:00 PM ET.

Personal Career Consultants & Resume Services
ACS Career Consultants are ACS members with an abundance of first-hand, real-world work experience, and are dedicated to helping you discover and achieve your career goals. A team of experts is ready to assist you with almost any career questions you might have from resume preparation to salary negotiations, we are here to help you succeed.

C&EN Jobs
C&EN Jobs is your number-one tool for finding open positions that match your skills and goals by offering an extensive network of jobs and employment opportunities for chemists and scientific professionals.

For more information, go to:
http://www.acs.org/content/acs/en/careers/career-navigator.html
CALL FOR NOMINATIONS FOR 2014 SECTION ELECTIONS!

The vacancies we need to fill this year are Chair-Elect and Treasurer. Starting in 2015, the Treasurer serves a two-year term, whereas the Chair-Elect serves in that office in 2015, as Chair in 2016, and as Immediate Past Chair in 2017. Consider the following when deciding on which office is right for you.

Do you conduct your life according to Robert’s Rules of Order, e.g., calling for a motion, a second, and then passing the salt only when the motion passes? Do family meetings proceed only when the minutes from the last meeting are approved? Do innovations in, say, the boudoir need to be consistent with outmoded Bylaws before they can be adopted? If so, you are a perfect candidate for Chair-Elect!

So, what are we looking for in a candidate for Treasurer? Is your life expectancy more than two years? Do you know that embezzlement is a crime punishable by imprisonment, albeit, in a minimum security institution with conjugal visits? If you’ve answered “yes” to at least one out of two, then you’re our candidate!

If neither office strikes your fancy, we’re also in dire need of volunteers for a couple of Committee Chairs — Patterson-Crane Award and Career Development:

- Given biennially, the Patterson-Crane Award is given jointly by the Dayton and Columbus Sections for excellence in any aspect of chemical information. International in scope, the award includes cash in the amount of $3000 plus all-expenses for travel to either Dayton or Columbus for an award address.

- The Career Development Chair helps section members seeking employment or career transitioning identify pertinent ACS services and job leads.

Contact Leanne Petry at lpetry@centralstate.edu or 376-6656 if you are interested in volunteering for any of these positions.

National Chemistry Week — Call for Volunteers

We’ll celebrate NCW (October 19 - 25) with an event at the Centerville Library (October 18th; 1 - 4 pm). We will also celebrate in a second event at the Boonshoft Museum of Discovery on October 25th and 26th. We need volunteers to help the Section with NCW programming. If you are interested, please contact Melinda Greer at (513) 936-7165 or greermd@ucmail.uc.edu.
Alzheimer's Avoidance Therapy* Unscramble the letters to reveal chemical names or concepts. Then, use the circled letters to solve the riddle. Answers next edition!

A E N O P P R
E E L N O T U
A E R U Z


Answers for Last Edition
WATER MERCURY THIENYL

It's a beautiful spring day and Heisenberg is out for a carefree drive in the country to rid himself, at least for a while, of his ongoing feud with Schrödinger. "So much for carefree," Heisenberg mutters to himself as a traffic cop pulls him over. "Do you know how fast you were going?" the cop asks. Heisenberg replies, "No, but I know WHERE I AM!"

*Surveys suggest that mental exercises, including word puzzles, may delay the progression of Alzheimer's Disease.

Letter to the Editor
Dear Bulletin Editor:

During our tenures as Chairs of the Dayton Section, we did our best to maintain the Section's longstanding traditions. One of the most important of these is the Patterson High School Chemistry Awards, which have been presented to area students since the 1940s.

Changes have been made to these awards over the past two decades but always to their betterment. However, the most recent change – to present the awards at the winners' High Schools instead of at a Section Meeting – makes the awards less visible to Section Members, makes the ACS less visible to the awardees, and diminishes the awards. After all, many awards are given to high school students at their year-end awards ceremonies. Now, the Patterson High School Chemistry Awards are just lumped together with the others.

We acknowledge that it is always a struggle to attain good attendance at Section Meetings but if poor attendance one year is an acceptable criterion for canceling a Section Meeting for the next year, we would very soon have no Section Meetings at all (and be in violation of our Bylaws).

We urge the Dayton Section's Program and Executive Committees to reinstate the Patterson High School Chemistry Awards Meeting.

Sincerely,

John Fortman, Past Chair
Ken Turnbull, Past Chair
Lalgudi Natarajan, Past Chair
Rajiv Berry, Past Chair
Harvey Paige, Past Chair
Joy Haley, née Rogers, Past Chair
Hilmar Koerner, Past Chair
Peter Mirau, Past Chair
Vladimir Benin, Past Chair
Todd Yeates, Past Chair

Quotable Quotes for $1000, Alex!

"Someone is sitting in the shade today because someone planted a tree a long time ago."

—Warren Buffett

"Middle age is when you're sitting at home on a Saturday night and the telephone rings and you hope it isn't for you."

—Ogden Nash

"I'm an old-fashioned guy... I want to be an old man with a beer belly sitting on a porch, looking at a lake or something."

—Johnny Depp

"I love blackjack. But I'm not addicted to gambling. I'm addicted to sitting in a semi circle."

—Mitch Hedberg

"There are some ghost stories in Japan where - when you are sitting in the bathroom in the traditional style of the Japanese toilet - a hand is actually starting to grab you from beneath. It's a very scary story."

—Shigeru Miyamoto

"Sometimes, simply by sitting, the soul collects wisdom."

—Zen Proverb

"We are sitting in a BOOTH! I didn't come all the way from Queens to sit at a TABLE!!"

—Frank Costanza