Meetings and Events

June 4: Patterson High School Chemistry Awards

Section News and Other Stuff

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The ACS Meeting last April in New Orleans was great fun. We were there during the Women’s NCAA Basketball Final Four, so it sometimes felt like you were in an outtake from *Amazon Women on the Moon*. Then the specter of two drunks trying (unsuccessfully) to help each other get up off the pavement on Bourbon street brought us down to earth. The Grand Ballroom at the Hilton Riverside in New Orleans wasn’t nearly grand enough for the traditional Council Breakfast, which resembled a 50%-off Christmas sale at Macy’s, with coffee and pastries thrown in.

As of the morning Council convened, the ACS spring national meeting had attracted 15,596 registrants, including 8,105 regular attendees and 5,793 students. The meeting had 11,232 papers presented. The Career Fair had attracted 863 candidates vying for 131 jobs provided by 38 employers. Once again, I did not get a single interview.

The candidates for 2014 President Elect – G. Bryan Balazs, Charles E. Kolb, Jr., Carolyn Ribes, and Diane Grob Schmidt – answered questions (although, not mine) at the Town Hall Meeting the Sunday before Council. Using my patented four-point system, Carolyn Ribes came out way ahead. She was engaged, animated, and well prepared. And she had by far the cutest haircut! In second place came Bryan Balaz, with Charles Kolb and Diane Schmidt bringing up the rear. All four candidates addressed Council, and I almost switched one of my votes to Kolb because he’s the only person I’ve ever heard state publicly that the ACS’s lawsuit against Leadscope, Inc. was a huge mistake. He said (paraphrasing) that chemists are reasonable people, and that we could have easily – and much less expensively – settled the case out of court. I wholeheartedly agree. Council voted to select G. Bryan Balazs and Charles E. Kolb, Jr. as candidates for 2014 President-Elect, bringing to an end my remarkable 8-year streak of selecting both candidates with my scoring method. Some Councilors commented that Carolyn Ribes would have racked up a lot of travel expenses if she were elected because she lives in Europe. Schmidt (former District II Director), buoyed by the knowledge that the vote of Council was close, is currently trying to gain nomination by petition. I’m betting she’ll succeed.

The Committee on Nominations and Elections (N&E) announced the results of the election to select candidates from the list of nominees to serve as District II Directors: George M. Bodner, Jed F. Fisher, Alan A. Hazari, and Robert A. Pribush.

The most interesting part of Council was the Petition to Amend National Election Procedures, which would have taken away from Council the power to select candidates for President-Elect and given it to N&E. Two Past Presidents of the ACS spoke against the petition’s passage. N&E came out against the petition, as did my new committee – the Committee on Ethics. The Petition died dramatically, with a vote of 85% against, 15% in favor.

In a special discussion, ACS President Marinda Li Wu presented and moderated a discussion on “What else should ACS do to help members to thrive in the global chemistry enterprise?” ACS has established a strategic goal to “empower an inclusive community of members with networks, opportunities, resources, and skills to thrive in the global economy.” In support of this goal, President Wu commissioned a task force entitled, “Vision 2025: Helping ACS Members Thrive in the Global Chemistry Enterprise,” to identify globalization opportunities and engage members in advocacy for improving the business and job climate. Following the presentation, 29 Councilors engaged in robust discussion on what the Society currently offers or could offer to help members thrive in the global chemistry community.

The rest is kind of humdrum, so I’ll report it on the Section’s web page (http://DaytonACS.org) as provided to me by the powers that be at ACS.

Your faithful Councilor,

Steve Trohalaki
**Patterson High School Chemistry Awards — June 4**

Venue: The Dayton Early College Academy (DECA)

Agenda:  
Social: 5:30 PM  
Awards: 6:15 PM  
Keynote: 6:30 PM

DECA, a non-traditional charter high school singularly focused on preparing first-generation urban students to go to college, is located on the 3rd floor of the College Park Center, at the intersection of Stewart and Brown Sts, at the University of Dayton. Visitors must park in a marked "Visitor" spot. You can obtain a parking pass from Parking Services, located on the first floor of College Park Center.

Originally established by Charles A. Thomas and Carroll A. Hochwalt, former Dayton chemists and Monsanto researchers, the top chemistry students in the area have been recognized under the auspices of the Dayton Section since 1943. In 1990, the family of the late Austin M. Patterson, also a prominent Dayton chemist, assumed sponsorship. All area high school students are invited to take an examination and the highest scoring applicants are then invited to write essays, which form the basis of the final judging. (These finalists, although only two from any one school, are also invited to take the Chemistry Olympiad Exam.) In addition, teachers of the prizewinners receive awards, and the top scoring student from each high school is awarded a plaque. Grading is performed separately for those students who have only taken one year of chemistry. Students from this group with the highest scorers in their High School will also receive a plaque. The top three essayists are awarded first, second, and third prizes of $1000, $750, and $500, respectively.

The 2013 Patterson High School Chem-I Scholars are:
- Caleb Parks  
  Beaver Creek High School
- Nick Morales  
  Centerville High School
- Jack Huang  
  Oakwood High School
- Samantha Burbank  
  West Carrollton High School
- Sarah Herzog  
  Greenville High School
- Shelley Gooden  
  Dayton Regional STEM School
- Jennifer Watson  
  Vandalia-Butler High School
- Anthony Dittmar†  
  Arcanum-Butler High School
- Jenna Whitaker  
  Fairborn High School

The 2013 Patterson High School Chem-II Scholars† are:
- James Connair  
  Alter High School
- Cory Wallace†  
  Beaver Creek High School
- Joseph Zoller*  
  Bellbrook High School
- Alex Damm  
  Centerville High School
- Joseph Lin  
  Centerville High School
- Amelia McBee*  
  Centerville High School
- Andrew Wang*  
  Centerville High School
- Jared Duffey  
  Centerville High School
- Deepti Gupta  
  Centerville High School
- Mack Susong  
  Fairborn High School
- Ishan Paranjpe  
  Miami Valley School
- Anna Alexander*  
  Miami Valley School
- Manish Paranjpe*  
  Miami Valley School
- Phillip Shepard  
  Northmont High School
- Sam Blizzard*  
  Northmont High School
- Eric Krebs  
  Oakwood High School
- Samantha Bonifas  
  Tippecanoe High School

†Scholarship finalists are marked with an asterisk.
Past Meeting:

Annual Poster Session Patterson College Chemistry Awards

On March 12th, we continued rotating venues for the Annual Poster Session and College Awards, holding them at Wright State University's Dunbar Library. We had 42 posters and many non-presenting section members and students attending, contributing to a very lively gathering. We presented four $100 awards for outstanding posters as well as four $400 awards to outstanding chemistry majors in their junior year from area universities.

Outstanding Undergraduate Posters

Alaina Engdahl, Wittenberg University: *An Ab Initio Study of the Products of the SF₂, SFCI and SCl₂ Dimerization Reactions*

Erin Gallagher, University of Dayton: *DNA Replication Restart of D. radiodurans*

Outstanding Graduate Posters

Triet M. Truong, Wright State University: *Monitoring the Health of Glen Helen Nature Preserve: Fall 2012 Sediment and Water*

Kevin M. Dorney, Wright State University: *Routes to single-molecule SERRS-based detection using concentrated Creighton silver nanoparticles*

Patterson College Chemistry Awards:

Rakim Tyler, Central State University
Casey Darst, Cedarville University
Gregory Versteeg, University of Dayton,
Andrew Franjesevic, Wittenberg University,
Trevor Bobka, Wright State University

Dayton Section ACS Chair, Lori Balster, welcomes everyone to the poster session and gives strict instructions to the Patterson College Chemistry Awards winners to stand as far away from their professors as possible when being introduced.

Even after requesting a restraining order, WSU-Chemistry Chair, Prof. David Grossie, can’t seem to shake his stalker.
Prof. Ioana Pavel Sizemore introduces WSU’s Trevor Bobka.

Prof. Mark Masthay introduces Univ. of Dayton’s Gregory Versteeg, who willfully defied Lori Balster.

Wittenberg University’s Professor Kristin Kline introduces Andrew Franjesevi, whose favorite movie is Goodfellas.

Prof. Suzanne Seleem introduces CSU’s Rakim Tyler.

Prof. Ray Dudek just realizes that he forgot to put on a tie.

Prof. Turnbull refuses to heed suggestions that he take off his coat and stay awhile.

Poster-session participants sometimes forgot all about the free pizza.
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!

**DIMOSU**

**ABCENU**

**ACLT**

The bartender at the Element Bar notices an attractive new alloy sitting all alone. He saunters over to her and asks, “So, tell me, what are you made of?” The alloy says, “Copper and tellurium, not that it’s any of your business.” The bartender smiles and replies, “So, that’s why you’re [insert letters].”

This edition’s AAT was inspired by Pati Evans of Facebook fame.

**AAT-2 — Su Doku for Chemists!**

Using the following nine chemical elements:

| Sc | Ti | V | Cr | Mn | Fe | Co | Ni | Cu |

fill in the grid below so that each row, column, and 9-element subcell has only one occurrence of each element.

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<th>Cu</th>
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**Quotable Quotes for $2000, Alex**

“One of the things I love about New York is that it’s one of the only places where you could have an entire restaurant dedicated to macaroni and cheese.” — Savannah Guthrie

“Life is not worth living if I cannot have pasta or bread again.” — Monica Seles

“Everything you see I owe to spaghetti.” — Sophia Loren

“A piece of spaghetti or a military unit can only be led from the front end.” — George S. Patton

“I love England, especially the food. There’s nothing I like more than a lovely bowl of pasta.” — Naomi Campbell

“I fell on some Fusilli. You know, the corkscrew pasta. It was a Fusilli Jerry. It got stuck in me. Had to go to the proctologist.” — Frank Costanza

**Solution for Last Edition**

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