



PENN-OHIO BORDER SECTION NEWSLETTER

Check out our website!! <http://www.pennohioacs.org/>

Chair

Dr. Susan J. Cramer
Grove City College
Grove City PA 16127
724-458-2207
sjcramer@gcc.edu

Chair-Elect

Dr. James Durandetta
Retired - Kent State Trumbull
111 Emerald Lane
Cortland, OH 44410
330-637-0932

Secretary

Dr. Clovis Linkous
Youngstown State University
Youngstown, OH 44555
724-941-1958
calinkous@cc.yzu.edu

Treasurer

Dr. Mike Serra
Youngstown State University
Youngstown, OH 44555
330-941-3667
maserra@cc.yzu.edu

Councilor

Dr. Doris L. Zimmerman
1390 Waverly Dr, NW
Warren, OH 44483
330-847-2284 (also fax)
zimdoris@aol.com

Alternate Councilor

Dr. Peter Smith
Westminster College
New Wilmington, PA 16172
724-946-7299
smithpm@westminster.edu

Members-at-Large

Dr. Sarah Kennedy
Westminster College
New Wilmington, PA 16172
724-946-6289
kennedsa@westminster.edu

Dr. Sherri Lovelace- Cameron
Youngstown State University
Youngstown, OH 44555
330-941-1997
srlovela@cc.yzu.edu

Dr. Anna Reinsel
Thiel College
Greenville, PA 16125
724-589-
areinsel@thiel.edu

Past Chair & Newsletter Editor

Dr. Kathy Frantz
Thiel College
Greenville, PA 16125
724-589-2113
kkfrantz@thiel.edu

November Meeting

Friday, November 15th @ 7:30 pm
(Please note time change!)

Grove City College
Science and Technology Building
STEM-51
Basement Level

Featuring:

Dr. Dwight Chasar

“Chemistry is for the Birds!”

Chemists like to think that chemistry is the central science. Recently, avian biologists and some chemists have examined more closely the chemistry associated with birds, using the tools we chemists have used for years to better understand facets of bird life and behavior. This presentation will discuss some recent as well as older research into this chemistry. The chemical pigments that give birds color, the chemicals that birds use for survival in the wild, chemicals that nearly extirpated raptors, and the use of stable isotopes to understand bird migration will be discussed. From the simplicity of bird poop to the complexity of bird DNA analysis, chemistry is playing a big role in understanding bird dynamics. Along the way bird photos should brighten up the chemistry discussions. This PowerPoint presentation should cover enough chemistry to satisfy general interest chemists while being simple enough for non-chemists and students to understand and appreciate the beauty and complexity of chemistry and birds.

Speaker Biography

Dwight Chasar obtained his PhD in organic chemistry from Case Western Reserve University in 1968. After a post-doctoral stint and military service he taught organic chemistry at the University of Pittsburgh at Johnstown for three years. Then he joined the BF Goodrich Company in 1974 as an R&D Chemist, succeeding to the highest technical level of R&D Fellow. His research centered around polymer stabilization, nitrosamine formation in rubber and vulcanization accelerators for rubber. He continued in this capacity through successive owners of the business, eventually retiring from Emerald Performance materials in 2007. He holds 24 patents and presented and published a number of papers at technical meetings and in technical journals, respectively.

He became interested in bird watching about 25 years ago and has not looked back. He leads bird walks for a number of groups, including the Cuyahoga Valley National Park, and organizes or participates in a number of bird censuses and breeding bird studies. He has served on the Ohio Birds Record Committee for four years. He has published papers and given talks on his bird fieldwork, historical aspects of birds, and travels to observe birds in other countries.

A member of the American Chemical Society since 1965, he has been active both locally in the Cleveland Section and nationally as a councilor from Cleveland.

Ballot for 2014 Officers (voting to occur later this month)

Chair-Elect: Doris Zimmerman

Members-at-Large: Anna Reinsel, Sarah Kennedy, and Kathy Frantz

Upcoming Events

March 16-20, 2014	247th ACS National Meeting & Exposition; Dallas, Texas
April 25, 2014	Awards Banquet at Westminster College
October 1 – 4, 2014	ACS Central Regional Meeting, Pittsburgh, PA “Bridging Chemistry and Innovation”

Congratulations to Dr. Janet Del Bene of Youngstown State University as her 250th Paper is Published!

Dr. Del Bene, originally from Girard, graduated from YSU with a bachelor's degree in both Education and Chemistry. After getting her PhD at the University of Cincinnati, a postdoctoral fellowship at the University of Wisconsin, and a second postdoctoral fellowship with Dr. John Pople (1998 Nobel Prize recipient in chemistry) at Carnegie Mellon University, Dr. Del Bene began working at YSU as an assistant professor in 1970. In six short years, Dr. Del Bene was a full professor and performing research at YSU.

The main focus of Dr. Del Bene's research is quantum mechanics of molecular systems. As a theoretical chemist, Dr. Del Bene has always loved asking the how's and why's in life. Since her retirement in 1999, Dr. Del Bene has taken a "permanent sabbatical," in which she travels, takes pictures, and collaborates on different projects. Currently, she is collaborating with a group of scientists from the University of Madrid and the Consejo Superior de Investigaciones Científicas (CSIC), or The Spanish National Research Council.

Councilor's Report
of the 246th ACS National Meeting, Indianapolis, IN, September 8-12, 2013

The candidates for the fall 2010 ACS national election are as follows:

President Elect 2014 – Dr. G. Bryan Balazs, Dr. Charles E. Kolb, Jr., and Dr. Diane Grob Schmidt.

Directors-at-Large – 2014-2016 – Dr. Susan B. Butts, Dr. Thom H. Dunning, Jr., Dr. Dorothy J. Phillips, and Dr. Kathleen M. Schulz.

Ballots will be mailed in early October and must be completed within six weeks. **VOTE**.

As of September 11, 2013, the ACS fall national meeting had attracted 10,840 registrants, including 6,683 regular attendees and 2,610 students, 878 exhibitors, 417 expo registrants, and 252 guests.

ACS Bylaws require that the six electoral districts be balanced in their populations of total members. The Council approved a proposal by the Committee on Nominations and Elections to realign all the districts so that each district is balanced with approximately the same number of members as required by the ACS Bylaws. This change takes place in 2014 and does not affect the upcoming 2013 national ACS election. Kalamazoo, Memphis, St. Joseph, Wabash Valley, Erie and Penn-York will be leaving District II and three sections from North Carolina will be joining District II.

After much debate, a proposed name change for the Division of Colloid and Surface Chemistry to the Division of Colloids, Surfaces, and Nanomaterials was defeated by a narrow margin by the Council.

Committee Reports:

1. SOCED (Committee on Education) approved a motion that “recognizes the achievement that is present in the Next Generation Science Standards, including their basis in research on teaching and learning, their formulation as performance standards, and their basis in the NRC framework and its dimensions of Science and Engineering Practices, Disciplinary Core Ideas, and Cross Cutting Concepts.” SOCED has proposed a National Association of Chemistry Teachers (NACT), which is designed to provide a professional home through which teachers have access to specialized resources and the broader ACS community. Funding for this new initiative has been approved by the Board of Directors.
2. M&E (Meetings and Expositions) announced that there would be a new system for submitting abstracts in Spring 2015. Also, there will be no ‘wifi’ in sessions or taping.
3. LSAC (Local Section Activities) announced a possible Bylaw change for recall of councilors, since at present there is no provision for this.
4. Project Seed is utilized in all but fourteen states.

FYI:

1. The ACS Leadership Institute will be held January 24-26, 2014 in Dallas, Texas at the Dallas Intercontinental Hotel. Anyone interested in attending, please contact me.
2. Manuel (Manny) Guzman is the new President of Chemical Abstracts Service (CAS). National Chemistry Week is October 21-27, 2013 and we are again distributing newspapers to elementary school students in the section. This year's theme is “Energy – Now and Forever”
3. We were ChemLuminary finalists again this year for Outstanding Local Section, small size, but we again did not win. We also displayed a ChemLuminary poster this year, thanks to Tim Sherwood. Come to a meeting to see the poster.
4. Some new benefits of ACS membership: A. “POD” – Presentations on Demand. These are the meeting presentations from the National Meeting and are free for members for 12 months. They will not be available after 18 months. B. Free Scifinder activities up to 25. C. ACS Member Universal Access to any 25 articles or books. D. e-subscription discount. E. E-passport is \$2 per article in bulk.
5. Please contact me with any questions, comments, or suggestions. I represent you at the National Meeting.

Respectfully submitted, D. Zimmerman, Councilor POBS, 9/17/2013

Directions to Grove City College

I-79 to Exit 113 (Grove City)

Take Route 208 East into Grove City to the first traffic light. Turn right onto Main Street (Rt. 58) and continue through the second traffic light. Turn left onto Madison Avenue and take the second left into the parking lot behind Building #9 on the map; #29 is the Science and Technology building.

I-80 to Exit 24 (Grove City / Sandy Lake)

Take Route 173 South into Grove City. Follow Route 173 as it winds through town. Turn left onto Main Street (Rt. 58) and continue through the second traffic light. Turn left onto Madison Avenue and take the second left into the parking lot behind Building #9 on the map; #29 is the Science and Technology building.

