Meetings and Events

- October 10: Joint Meeting with the Cincinnati Section
- Oct. 17, 24, 25: National Chemistry Week Events!
- November 19: Membership Meeting

Section News and Other Stuff

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NATIONAL CHEMISTRY WEEK EVENTS

We will celebrate this year’s theme, Chemistry Colors Our World!, with two separate events that will focus on the chemistry of food colors, fireworks, rainbows, natural dyes, pigments, and more! These events will be fun for chemists and nonchemists alike but especially for future chemists!

First Event
DATE: Saturday, October 17th
TIME: 1:00 pm — 4:00 pm
PLACE: Centerville Library 111 W. Spring Valley Road, Centerville
Please see http://www.wclibrary.info/locations/index.asp for directions
COST: This Event is Free!

Second Event
DATE: Saturday, October 24th and Sunday, October 25th
TIME: 11:00 am — 4:00 pm on Saturday and noon — 4:00 pm on Sunday
PLACE: Boonshoft Museum of Discovery 2600 DeWeese Parkway, Dayton
Please see www.boonshoftmuseum.org for directions
COST: Requires Admission to Museum — $13 per adult, $11 per senior, and $10 for children ages 3—16. Children under 3 are free! Of course, members of the museum get in free.

If you are interested in volunteering in any of these events, please contact Melinda Greer at:
(513) 936-7165 or greermd@ucmail.uc.edu.
Trust us; it’ll be fun!
**Upcoming Meeting**

**November 19**

**Membership Meeting**

Venue: Wellington Grille, 2450 Dayton Xenia Rd., Beavercreek, (937) 426-4600  
Social: 6:00 PM  
Dinner: 7:00 PM  
Reservations: Contact Aaron Burke at aburke1333@aol.com or 890-2312 by Nov. 16.

This year, we continue a Dayton Section ACS tradition by honoring those section members, who, during the past year, have attained 50 or 60 years of ACS membership. This year, our new 50-year members are: Dr. Robert Begland, Mr. Charles Friedman, Dr. Larry Helmick, Dr. Paula Parker, Dr. Al Schlueter, and Mr. Frank Winslow (a seventh wishes neither publicity nor recognition).

All section members with more than 50 years of ACS membership are invited as guests of the Dayton Section. As always, all members of the Dayton Section are welcome to attend.

Thankfully, there will be no keynote speaker this year but the 50-year and 60-year members are welcome to speak a few words on their careers and years of service to the ACS. Their allotted time is a complex function of audience interest and degree of inebriation but when snores get louder than the speaker, the latter would be well advised to wrap things up.

We will also announce the results of the Section Elections, so please join us and raise a pint to welcome our newly elected officers, bid farewell to outgoing officers, and see what’s new for 2016.

**October 10**

**Joint Meeting with the Cincinnati Section**

This joint meeting at Valley Vineyards in Morrow, Ohio, will allow members from our two sections to socialize and network over wine or beer tasting, dinner, and a tour of this unique winery and brewery.

Valley Vineyards is located between Dayton and Cincinnati, in a region of glaciated soils especially beneficial for growing premium wine grapes. For more information, see https://www.valleyvineyards.com/.

The Dayton Section will subsidize this event, and there’s still time to register if you hurry, so go to DaytonACS.org today! Did we mention that there will be beer and wine?
Section Picnic

Twenty or so Section Members, their families, and one dog enjoyed a beautiful late-summer afternoon at Fairborn’s Community Park for the Section’s annual picnic. New this year was a door prize for which every section member present was eligible — the winner gets to run for Chair-Elect! Congratulations Jenny Iskrenova-Ekiert!! Next year, only section members not present at the picnic will be eligible. The Section is grateful to those who came out and for everyone’s efforts to make this event a success!

Patterson-Crane Award

At a joint meeting of the Dayton and Columbus Sections, the 2015 Patterson-Crane Award was given to Dr. Stephen Heller for his contributions to Chemical Information Science. In a talk entitled, The Development of the IUPAC InChi Chemical Structure Standard, Dr. Heller addressed members from both sections after dinner at the Clintonville Woman’s Club. The Dayton Section congratulates Dr. Heller and offers its sincere thanks to the members of both the Dayton and Columbus Sections’ Patterson-Crane Award Committees.

Joint Meeting with Wright State University

On Friday, September 18th, Past ACS President (2005), ACS Board Chair (2012-14), and ACS Director at Large (2009-17), Bill Carroll concluded a whirlwind tour of Ohio (six sections in four days!) with a seminar presented at Wright State University. Dr. Carroll’s talk — Where Everything Comes From: Industrial Chemistry 101 — was very well received, provoking questions from several of the 70-plus attendees, none of whom took a decent photograph of the event. Afterward, Dr. Carroll met with members of the WSU Chemistry Club.

Dr. Carroll started his Ohio tour the very same day he retired from Occidental Petroleum, based in Houston, Texas. The Dayton Section sincerely thanks Dr. Carroll for traveling to Dayton to make his presentation, and
We have a splendid slate of candidates for Chair-Elect and Secretary. Rest assured that neither candidate sports a comb over that makes them look like a rabid raccoon has perched on their head. Nor does either Candidate have trust issues that are just a tad more disturbing than their questionable taste in pants suits. Please find their résumés below.

The Chair-Elect will serve in that capacity in 2016, as Chair in 2017, and as Immediate Past Chair in 2018. The Secretary will serve a two-year term starting in 2016. Section members will soon receive via e-mail instructions on how to vote electronically. Those section members who don’t know that the “e” in “e-mail” stands for “electronic” (even after reading the previous sentence) may obtain a paper ballot from the Secretary, and either mail their completed ballot back to him or bring it to the Membership Meeting (see page 3). The Secretary and his address are: Prof. Yu Kay Law, Indiana University East, 2325 Chester Blvd., Richmond, IN 47374.

Office: Chair-Elect
Candidate: Eugeniya (Jenny) K. Iskrenova-Ekiert
Position Title & Place of Employment:
Research Scientist in the Thermal Modeling Group at the Air Force Research Laboratory, WPAFB and at UES, Inc.
Education:
Ph.D. in Physics from the University of Delaware, 2008
M. Sci. in High Energy Physics from Sofia University, Bulgaria, 1995
Professional Society Affiliations:
American Chemical Society (member since 2010), Division Computers in Chemistry
Geochemical Society (member since 2010)
American Physical Society (member since 2002) Divisions: Atomic, Molecular, and Optical Physics; Computational Physics; Fluid Dynamics
American Association for the Advancement of Science (member since 2012)
Statement:
My PhD thesis was on high-precision atomic electronic structure calculations and the post-doctoral work I did at the Chemistry Department of Michigan State University involved molecular dynamics simulations of aqueous systems of importance in environmental chemistry and geoscience. As an educator, I have had the opportunity not only to teach college classes but to volunteer and mentor undergraduate and high-school students. As a Chair-Elect, I would like to offer my contribution to the great leadership tradition in the Dayton Section of ACS in providing community outreach, promoting chemistry and science, and inspiring and guiding the next generation of scientists and scientifically literate citizens.

Office: Secretary
Candidate: Kerra Rose Fletcher
Position Title and Place of Employment:
Not available until 1 October 2015
Education:
B.S. Chemistry, Emory & Henry College, 2004
M.S. Chemical Physics, The Ohio State University, 2008
Professional Society Affiliations:
American Chemical Society (member since 2001)
Chair, Younger Chemists’ Committee, Dayton Section ACS (2015 — present)
Liaison, Government Relations Committee, Northeastern Section ACS (2012 — 2014)
Statement:
Ms. Fletcher has been an active member of the ACS since college and she is looking forward to becoming the Dayton ACS Secretary. Currently, she serves as the Chair of the Young Chemists’ Committee where she has developed the program “Dayton ACS: Opportunities for Young Chemists That Make SENS.” This program offers service, educational, networking, and social activities for students and recent graduates. Ms. Fletcher’s innovative ideas, attention to detail, and strong work ethic would make her an ideal candidate for Secretary.
Alzheimer's Avoidance Therapy*  Unscramble the letters to reveal a chemical name or apparatus. Then, use the circled letters to solve the riddle. Answers next edition!

I D C A

C E G I L N Y

C L N O O T

Two second-graders are out on the playground. Their conversation goes something like this: “What does your Dad do?” asks Bobby. “My Dad is a doctor,” says Jane. Bobby says, “My dad is a doctor, too – an ENT. He cures people with sick ears, noses, and throats! What kind of doctor is your dad?” “A Ph.D.,” says Jane “What kind of doctor is that?,” asks Bobby. “I dunno,” says Jane. “But mommy says it’s the kind that doesn’t do anyone...”

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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Answers for Last Edition

TYGON SULFUR FLUORINE

The chemistry major found the 1st semester of his junior year much more difficult than expected. At the start of the Spring semester, he sought advice from the Department Chair. Upon seeing him, the Chair says, “Come on in, Carbon Tetrafluoride!” The junior asks, “Why did you call me that?” The Chair replies, “Well, last semester you passed one course with a C but, for the other four courses, you GOT FOUR Fs!

Solution for Last Edition

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