

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

September, 2016
Vol. 54 No. 1

Section Calendar

2016 Meeting Schedule

September 18	Family and Friends Picnic
October 28	Oesper Symposium
December 7	Joint Meeting with NOBCChe, XU

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September Meeting Announcement 12th Annual Family and Friends Picnic at Germania Park

Sunday September 11, 2016

Time: 1 - 4 PM

Ask family and friends to join you as we welcome the new ACS year and enjoy a beautiful Sunday fall afternoon together. Re-connect with ACS friends and make new ones in a relaxed and casual atmosphere. Activities and entertainment will include food, drinks, games and chemistry fun!

Gathering and Games: 1:00-2:00 PM

Food/Potluck: Serving starts at 2 PM.

The section will provide grilled hot dogs, hamburgers, brats, metts, chicken, baked beans, Mac n Cheese, potatoe salad, and chips from Cincinnati Catering. Drinks will be provided, including beer, soft drinks, and juice boxes. Veggie Burgers available upon request.

Attendees are cordially invited to bring a picnic dish to share (consider ~6 adult servings). (If possible, please note ingredients, like "contains nuts" or "gluten-free" to aid those with dietary restrictions.) Members with last names beginning with A-M are asked to bring a side dish, while those with last names starting with N-Z are asked to bring a dessert.

Cost: \$10 for individual members or \$15 for members with their family or friends. \$5 for individual members who are retired, K- 12 teachers, unemployed, or student affiliates or \$10 with their family or friends.

Register at <http://www.acscincinnati.org/meetings/>

THE CINTACS NEWSLETTER**Vol. 55, No. 1 September 2016**

Editor.....Adam Bange

CINTACS is published eight times a year (September through May) by the Cincinnati Section of the American Chemical Society. The submission deadline will be approximately September 25 for the October 2016 issue. Electronic submission is strongly preferred. All materials should be sent to:

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Section Members,

Did anyone attend the ACS meeting this past month? If you did, I hope you had a great time! At this national meeting our section was nominated for a ChemLuminary Award for work done during NCW 2015 and we won! I would personally like to thank all the National Chemistry Week volunteers! This award is a great reflection of the hard work and dedication of all of our volunteers! Big thanks to Gloria Story and Atiya Jordan-Brown for their leadership in helping coordinated NCW activities.

As summer is on its way out, I would like to encourage everyone in our section to bring you families and friends to the upcoming Friends And Family Picnic at Germania Park. This is a great event to meet other members, have fun with family members and reflect on the past years achievements. We will have activities for kids, good food, and great beverages! When I first join the section, I found this event to be the best event at getting to know other section members. I hope you will be able to make it.

Jackie Thomas
Chair, ACS Cincinnati Local Section
Jthomas1210@gmail.com

Demos were shared at the April 2016 CINTACS meeting by volunteers from the Cincinnati section of the Society for Applied Spectroscopy (SAS) - who are also CINTACS members - along with many fellow CINTACS member volunteers.

SAS (and CINTACS) members were: Anna Donnell (President), Megan Stanton (University of Cincinnati), and Gloria Story (Past President). CINTACS members were: Ruth Bailey (auditor), Al Conklin and Kendall Benton (Wilmington College), Christa Currie (Mt. St. Joseph University), Ed Escudero (Summit Country Day HS), Alyssa Farley (Advanced Testing Laboratories), Susan Hershberger (Miami University), Lynn Hogue (Awards co-chair), Michele Margels (web editor), Celeste Morris (Northern Kentucky University), Ed von Bergen (YourEncore), Keith Walters (Northern Kentucky University), and Donna Wiedemann (Earth Day Coordinator).



During the social hour before dinner, 6 demo stations were set up around the room. There were digital microscopes at one table for members and guests to study their fingerprints and different hair samples to give them a feel for forensic work – part of the upcoming National Chemistry 2016 theme... "Solving Mysteries with Chemistry". Another table revealed hidden messages on paper using a simple household iron and lemon juice. A real crowd pleaser was the demo using sugars in a reduction reaction to plate out silver in Christmas ornaments – a great take home surprise. Who would have thought you could use red radishes to reveal the pH of common household products? We showed them how it's done. To top them all off, we had a handwashing station to get cleaned up for dinner. Dry ice, warm water, and Joy dish soap made a bubbling bucket for small bubble fun along with Wilmington College's drippy faucets to make larger bubbles full of wonderful fog. Lots of Bounty towels were around to dry off.

After dinner, and the awards were all shared and applauded... the experimentation continued. You can learn the scientific method using the crazy antics of a fortune telling fish (red cellophane)... and using the red cellophane in blue/red 3D glasses... everyone could try to read the hidden messages on their place mats... just a little spectroscopic fun from your friends at SAS. Chemistry and music are a great mix... especially if you add chemiluminescence reactions and diffraction grating glasses for that extra effect. Several reactions followed that create color... or not... and then back again... and maybe not... or maybe... (recognize the play-by-play for the clock reaction yet?) Taking the light chemistry one step further... we quenched the hydrogen peroxide reaction with vitamin C... it's so good for you!

Congratulations 50-Year ACS Members

The American Chemical Society and its local sections are honoring those who have reached 50 years of membership in 2016. This year, the society has 919 50-year members worldwide. To commemorate reaching this milestone, each member receives a 50-year certificate, a special lapel pin, and a permanent member card entitling him or her to free registration at all national and regional ACS meetings.

Donald Ray Bohl

William Edward Broxterman

William De Talvo

Donald D Dollberg

John A. Glaser

Ronald James Jandacek

Dorothy Jeanne Jones

Richard L. Prairie

Marvin Wilson Tabor

Thomas James Wagner

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The Horseshoe Casino --- April 21, 2015

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CincyBio's speakers will cover such topics as *Withstanding Scrutiny During Biotech IPR and PGR*, *Natural Products Strategies for an Uncertain Future*, *International Strategies in Light of US Eligibility*, and *Protecting the IP of Future Biotech Innovation*.

CincyBio is geared towards not only attorneys, but also the innovators, entrepreneurs, and businesses that work tirelessly to bring their ideas and inventions to life.

<http://cincyip.org/cincybio-2015/>

 A photograph of a female scientist with red hair in a ponytail, wearing safety goggles and a white lab coat. She is focused on adjusting a piece of laboratory glassware, specifically a round-bottom flask containing a blue liquid, which is part of a larger apparatus. The background is a bright, clean laboratory setting.

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