

## The Chemical Record

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Columbus Section of the American Chemical Society, Inc.

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Section Website: [columbus.sites.acs.org](http://columbus.sites.acs.org)

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### ABOUT THE COLUMBUS SECTION



The Columbus Section of the American Chemical Society comprises approximately 1,500 members who live and work in the following central Ohio counties: Delaware, Fairfield, Fayette, Franklin, Hocking, Knox, Licking, Madison, Marion, Morrow, Muskingum, Perry, Pickaway, Ross, and Union.

The Mission of the American Chemical Society (ACS) is to encourage in the broadest and most liberal manner the advancement of the chemical enterprise and its practitioners. Toward that end, the ACS advances scholarly knowledge, provides professional services and support, communicates with varied audiences, and is actively involved in the science, education, and public policy arenas.

The Columbus Section of the ACS adheres to this mission and the strategic thrusts of the national organization and leadership by providing programs and networking opportunities for Chemistry professionals in Central Ohio.

We invite ACS members and scientists in the community to lend their expertise and talents to our activities in science education, government and legislative policy issues, safety in our industrial plants and in our communities, and care of our land.



## MEETING NOTICE

Columbus Section of the American Chemical Society, Inc.  
[columbus.sites.acs.org](http://columbus.sites.acs.org)

Meeting #880

Joint meeting of The ACS Columbus Section and  
The OSU Chemistry & Biochemistry Club Research Forum

## POSTER SESSION

Undergraduate and Graduate Posters  
Award Winners - Selected By  
ACS Columbus Section and OSU Faculty

Tuesday, March 8<sup>th</sup>, 2016

6:00 – 8:00 pm

Chemical and Biomolecular Engineering and Chemistry  
(CBEC) Building

151 West Woodruff Avenue

Between 19<sup>th</sup> and Woodruff Avenue

The Ohio State University

The Ohio State University Chemistry & Biochemistry Club invites ACS members and guests to enjoy an evening featuring student research. A Poster Session will be held from 6:00-8:00pm in the lobby of the CBEC Building. Refreshments will be served.



**PROGRAM DETAILS**

5:30 – 6:00 PM	<b>Executive Committee Meeting</b> – All members are welcome to attend
5:30 – 6:00 PM	<b>Judge Check-In</b>
6:00 – 8:00 PM Refreshments	<b>Sub-sandwiches, Salad, Chips, Drinks</b>

6:00 – 8:00 PM Program	<b>Poster Session</b>
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<b>Cost</b>	The charge for refreshments is \$10 per person for members and non-members, \$5 for retired and unemployed members. Payment will be collected at the door; cash and checks accepted. There is no cost to attend the program only. <i>Remember that this is a refreshment order and must be paid. Please help control costs by honoring your order.</i>
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<b>RSVP</b>	To avoid dropped reservations please use the <a href="#">Meeting Reservation Form</a> on the section's website ( <a href="http://columbus.sites.acs.org/">http://columbus.sites.acs.org/</a> ). Alternatively, please send an e-mail with the same information to us at the following e-mail address: <a href="mailto:acscols@wowway.com">acscols@wowway.com</a> . Finally, you may also use the voice mail reservations service by calling 614-447-3600 extension 7047. Follow the template below for e-mail or voicemail reservations.
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<b>*Voicemail/e-mail Reservations Template</b>	<ul style="list-style-type: none"> <li>• First and last name: Please spell last name.</li> <li>• Membership category: member, non-member, retired, emeritus, unemployed, student.</li> <li>• Employer</li> <li>• Please indicate if you will join us for <u>Refreshments &amp; Program</u> OR <u>Program Only</u></li> <li>• Your phone number, in case we need to contact you.</li> </ul>
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<b>Reservation Deadline</b>	<b>Monday, March 7, 2016 at 12:00 noon</b>
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<b>Program Contact</b>	<b>Jeff Trent</b> , 614-397-7231, <a href="mailto:jtrent@cscs.edu">jtrent@cscs.edu</a>
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<b>Directions &amp; Parking</b>	<p><b>Parking is not free.</b> The cost for 4 hours is \$10.50 before 6:00 p.m. and \$7.00 after 6:00 p.m. If you arrive after 6:00, parking is available at:</p> <ul style="list-style-type: none"> <li>• Tuttle Garage – 2050 Tuttle Park Place</li> <li>• Lane Avenue Garage – 2105 Neil Avenue</li> <li>• Arps Hall Garage – 1990 College Road (closest to the Chemistry Building)</li> </ul> <p><b>The CBEC Building is the large stainless steel and glass building between 19<sup>th</sup> and Woodruff Ave.</b></p> <p><b>From the North</b> Take Ohio 315 South to the Lane Avenue exit. Go east on Lane Avenue to either Tuttle Park Place or Neil Avenue. To reach the Arps Hall Garage, take Lane Avenue to High Street. Turn right onto High and then right onto 17<sup>th</sup> Avenue. The first right is College Road. The Arps Hall garage is the garage that is closest to the CBEC Building.</p> <p><b>From the East</b> Take I-670 west to Ohio 315. Take 315 North to the Lane Avenue exit. Go east on Lane Avenue to Tuttle Park Place or Neil Avenue.</p> <p><b>From the West</b> Take I-670 East to Ohio 315. Take 315 North to the Lane Avenue exit. Go east on Lane Avenue to Tuttle Park Place or Neil Avenue.</p> <p><b>From the South</b> Take Ohio 315 North to the Lane Avenue exit. Go east on Lane Avenue to Tuttle Park Place or Neil Avenue.</p>
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The CBEC Building is approximately 4 blocks east of the Tuttle Garage between 19<sup>th</sup> and Woodruff Ave. It is approximately 3 blocks south of the Lane Avenue Garage. The Arps Hall Garage is about 3 blocks east of the Chemistry Department. For maps and further information please use the link below.

<http://osu.campusparc.com/home/visitors-patients/visitor-parking/garage-parking> (expand the Academic Core North section)

#### Pay-on-Foot Machines

Most visitor garages are equipped with pay-on-foot machines. Customers receive a white entry ticket and keep it with them to make payment prior to returning to their vehicle, reducing backups at the exit gate. Once payment is made, customers receive a returned paid/validated ticket for use at the exit gate. Pay-on-foot machines accept cash, credit and vouchers.

**NOTE:** Cash is not accepted at the exit gate.

#### Pay-in-Lane Machines

In garages that are not equipped with pay-on-foot machines, payment is made at the exit gate. Upon arrival at the exit gate, the customer should insert the white entry ticket into the pay-in-lane machine and pay the displayed amount due. Pay-in-lane machines accept cash, credit and vouchers. Credit cards are the preferred method of payment to expedite exit.

**NOTE:** Pay-in-lane machines give change in coin only.

### SPRING 2016, ACS NATIONAL MEETING AND EXPOSITION



ACS  
Chemistry for Life®

251st American Chemical Society  
National Meeting & Exposition  
San Diego, CA  
March 13-17, 2016

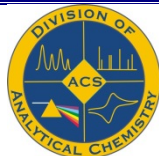


ACS  
Chemistry for Life®

251st American Chemical Society National Meeting & Exposition

Computers in Chemistry

March 13-17, 2016  
San Diego, California  
#acsSanDiego  
www.acs.org/SanDiego2016



## Call for Fellows Nominations

**Response Requested by March 4, 2016**

It is time to think about nominating deserving members as ACS Fellows. The Analytical Division can nominate up to eight. More information on eligibility of candidates may be found on the following link: <http://click.icptrack.com/icp/relay.php?r=42365504&msgid=342996&act=HOC1&c=1248087&destination=http%3A%2F%2Fwww.acs.org%2Fcontent%2Facs%2Fen%2Ffunding-and-awards%2Ffellows.html>

While any ACS member can submit nominations, support from the Division will help an individual nomination carry more weight. Therefore, we kindly request that you send your suggestions to the Division past-chair, Susan Olesik, [olesik.1@osu.edu](mailto:olesik.1@osu.edu). All nominations will be collected and shared with the Executive Committee.

Please send your nominations by March 4th.

Thanks in advance for your support of your fellow Analytical Chemists.



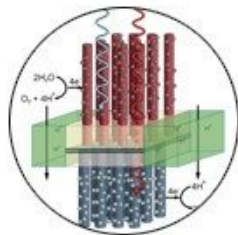
ACS Division of Analytical Chemistry  
2019 Galisteo St., Bldg. I-1  
Santa Fe, NM 87505  
505-820-0443  
[www.analyticalsciences.org](http://www.analyticalsciences.org)

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UPCOMING ACS WEBINARS  
FROM THE ACS WEBSITE

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## Upcoming Webinars



**Artificial Photosynthesis: Making Fuels Directly from Sunlight**

Thursday, March 3, 2016 @ 2-3pm ET

Join Nathan Lewis as he shares his work on transforming water, sunlight and carbon dioxide to make fuel.



**Chemistry of Hello: Lithium Ion Batteries**

Thursday, March 10, 2016 @ 2-3pm ET

Dee Strand will join us to share how new materials and designs are providing an opportunity to increase the energy density of batteries.



**Creating a Stand Out Professional Development Plan**

Thursday, April 14, 2016 @ 2-3pm ET

Dorie Clark will show you how to develop professional development plans – for yourself and your employees – that enable you to flourish and take your career to the next level.

### *Why Attend ACS Webinars®?*

**FAST** – Get right to the heart of addressing issues important to you in 60-minutes.

**CONVENIENT** – Listen from the comfort and convenience of your home or desk.

**EASY** – Online access is all you need. Register, then click the link in your email confirmation, and you're in!

**ACTIONABLE** – Learn from luminaries and subject matter experts on strategies and tactics you can use immediately after the webinar.

**LEARN** – Share with friends and engage group discussions on key issues in a fresh new manner.

**AFFORDABLE** – A free weekly online event provided to by the American Chemical Society.

*All recordings of ACS Webinars® are available as a benefit to current ACS members. Live weekly ACS Webinars® continue to be available to the general public.*

Editor's Note: For more details about the webinars described above, please visit [http://www.acs.org/content/acs/en/acs-webinars.html?cid=home\\_4up](http://www.acs.org/content/acs/en/acs-webinars.html?cid=home_4up)



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UPCOMING ACS SHORT COURSES  
FROM THE ACS WEBSITE

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## Upcoming Short Courses in San Diego, CA

March 11 – 13, 2016

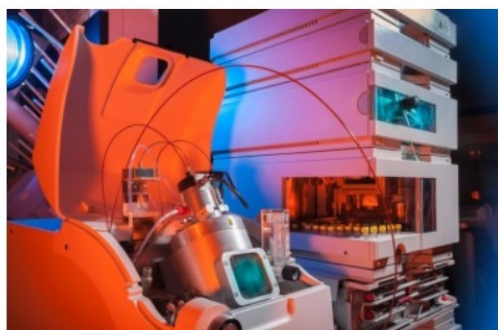
American Chemical Society will be holding Short Courses in San Diego, CA on March 11 – 13, 2016 at the [ACS National Meeting & Exposition](#) to help you gain invaluable training in just a few days. Short Courses from the ACS give you the tools to stay on top of new technology, growing trends in the science industry and basic skills you need to advance in your career.



## Upcoming Short Courses in New Orleans, LA

March 30 – April 1, 2016

American Chemical Society will be holding Short Courses in New Orleans, Louisiana on March 30 – April 1, 2016, 2016 to help you gain invaluable training in just a few days. Short Courses from the ACS give you the tools to stay on top of new technology, growing trends in the science industry and basic skills you need to advance in your career.



## Upcoming Laboratory/Lecture Courses

ACS offers week-long courses that combine traditional lectures with a hands-on component. In conjunction with our partners, Virginia Tech and Axion Labs, these innovative courses are taught by world-renowned experts in their fields and have limited seats to ensure you make the most of your experience.

Editor's Note: For more details about the short courses described above, visit [www.proed.acs.org/](http://www.proed.acs.org/).

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### COLUMBUS SECTION ACS CALENDAR OF EVENTS

Year	Month	Date	Day	Location	Comments
2016	March	7	Monday		12:00 pm: Deadline for reservations for March, 2016 Section meeting.
2016	March	8	Tuesday	CBEC Building, OSU Campus	Monthly Section Meeting; see details elsewhere in this issue of <i>The Chemical Record</i> .

### ABOUT THE CHEMICAL RECORD

*The Chemical Record*, official newsletter of the Columbus Section of the American Chemical Society, Inc., is published monthly, February-May and September-December (eight issues per year.) Opinions expressed by editors or contributors do not necessarily represent the official position of the Columbus Section or of the editorial staff. We welcome your contributions to your *Chemical Record*. Please submit them via postal or electronic mail to **Ashish Deshmukh**, 2690 Fisinger Road, Columbus, Ohio 43221, [ashishdeshmukh@hotmail.com](mailto:ashishdeshmukh@hotmail.com). Electronic mail contributions should be in MS Word file attachments (preferred) or plain-text messages. *Thank you very much!*

### CHANGE OF ADDRESS

Changes in postal or e-mail address should be reported to the Membership Chair, **David Speth**, 614-688-5162, [drspeth@sbcglobal.net](mailto:drspeth@sbcglobal.net). David will forward the change-of-address information to ACS Headquarters.

### ADVERTISING RATES

Advertising rates for *The Chemical Record* are as follows (per single insertion): Full Page, \$250; Half page, \$150; Quarter Page, \$120; Eighth Page: \$60; Business Card, \$50. Discounts: 5% for four insertions or 10% for eight insertions during a calendar year. There is no charge for "help wanted" ads.