



February Section Meeting

**American Chemical Society – Detroit Local Section – Younger Chemists Committee
Presents:**

Brewing Chemistry

Detroit, Michigan

Brewing Chemistry is a monthly lectures series. These informal talks are designed to make science fun and accessible for all. The lectures take place at 7 p.m. on the third Tuesday of every month at:

Traffic Jam & Snug, 511 West Canfield Street, Detroit, MI 48201

There is no admission charge, and free parking is available.

Feel free to join us before the talk at 6:00 PM for a Dutch-treat dinner.

For more information, contact Meghann at 313.993.1259 or meghann@brewingchemistry.com

Tuesday, February 21st, 2017 at 7 PM

**Cosmetic Chemistry -The Science behind Emulsions and Formulations
Presented By: Cassandra Slater,
QC Laboratory Supervisor & Lead Chemist, Elba Laboratories**

The cosmetic industry is a \$160 billion-a-year global industry encompassing make-up, skin and hair care, fragrances, and more. Americans spend more each year on beauty than they do education. The appearance of skin care formulations dates to around 3000 B.C.E in ancient Egypt and most of them were mixtures prepared from natural materials. Majority of the products used today are emulsions. An emulsion can be simply defined as two immiscible fluids, one of which is dispersed throughout the other. This talk will encompass the basics of emulsion chemistry and how important the science behind it is to the cosmetic and pharmaceutical industries.

ANNUAL SPRING UNDERGRADUATE RESEARCH CONFERENCE

- When:** Saturday, March 25, 2017
- Where:** Oakland University (2200 N. Squirrel Road, Rochester, Michigan 48309)
- Time:** 8:00 AM – 4:30 PM
- What:**
- 1) Complimentary Breakfast
 - 2) Invited Speakers & Career Options Panel Discussion
 - 3) Keynote Speaker
 - 3) Lunch at Meadow Brook Hall (included)
 - 4) Undergraduate Research Oral Presentations
 - 5) Undergraduate Research Poster Session

The Oakland University American Chemical Society Student Chapter cordially invites all interested undergraduate students in the Detroit metropolitan area and vicinity to partake in an all-day Spring Undergraduate Research Conference.

To ensure parking for our visitors, registration will promptly begin at 8:00 AM in the Oakland Center (“OC”, see link to campus maps posted on our website below). A complimentary breakfast will be served and time allowed for setting up for the undergraduate poster session which will take place in the afternoon. The morning session will include invited talks on different career options, followed by a panel discussion. In addition, there will be a keynote speaker before lunch.

Lunch will be provided at Meadow Brook Hall, the Tudor-revival architectural historic home. The afternoon will begin with undergraduate research oral presentations and conclude with an undergraduate research poster session. **All undergraduates conducting a research project are encouraged to participate!**

This event is **free** for all participants. However, each person planning to attend must register by completing the “RSVP” PDF file posted on our website <http://www.oakland.edu/chemistry/ACS> and emailing it to oakland.acs@gmail.com by the deadline indicated below. For more information, please check our website (above) or contact our Chapter President, Devon Urbina, at oakland.acs@gmail.com.

Registration Deadline: Monday, February 27, 2017

We look forward to seeing you all there and supporting “Chemistry for Life!”



Xperiential Laboratory (www.xperiential.com) is an independent analytical services laboratory based in Novi, Michigan. We are focused on exceeding customers' expectations with analysis services across numerous industries.

Our state-of-the-art facility and instrument portfolio (examples below) means we can bring a wide range of value-added solutions to our customers.



- SEM-EDS
- NRM
- FTIR
- TEM-EDS
- DSC-TGA
- GC-MS
- XRD
- Full Service Wet Lab

We invite you to take a look at our exciting, new and improved website. We went live with it November 1, 2016. We also are now on Twitter and our feed is incorporated into the new site.

In connection with the launch of our new site, and as we continue to develop our new Affiliate Program (we announced in the October 2016 ACS Newsletter), we have prepared a short, online survey (<https://goo.gl/forms/RuUcKcYhYIf467Wu2>). Please click on the link, or copy and paste the link into your browser.

This survey is designed to gauge interest in, and to help us improve, our new Affiliate Program. The survey should take at most 10 minutes to complete. Be assured that all answers you provide will be kept in the strictest confidentiality. We will not contact you unless you provide contact information (the last survey question addresses this topic) or you call or write us afterward.

If you have any questions about Xperiential, our Affiliate Program, or this survey, please go to our website (www.xperiential.com) and send us a message, or call us at **248-574-5528**. Our corporate privacy policy is at the bottom of our website homepage.

Thank you.

ACS Fellows Program Nominations

The American Chemical Society (ACS) Fellows Program will soon be accepting nominations for 2017 Fellows. The ACS Fellows Program recognizes ACS members who have **both** documented excellence and leadership that has an impact in the science, the profession, education, and/or management **and** documented excellence in volunteer service, based on specific results achieved, in service to ACS and its membership and community. The online nomination system is scheduled to open **Wednesday, February 1, 2017** and close **Thursday, April 6, 2017**.

Local Section Nominations

Each Local Section may submit as many nominations as there are Councilors authorized for the Local Section. Nominees must be current members of the Local Section. The primary nominator must be an Officer, Councilor, or Alternate Councilor of the Local Section, or some other Local Section member specifically designated by the Chair to prepare the nomination on behalf of the Local Section. However, secondary nominators need *not* be members of that nominating Local Section. If the Chair is not the primary or a secondary nominator, he/she must attest that the individual is indeed being nominated on behalf of the Local Section. If the Chair is one of the nominees, then the attestation must be supplied by another Officer, Councilor, or Alternate Councilor of the Local Section.

Nominees and primary and secondary nominators must be current members (including retired and emeritus members) in good standing of the American Chemical Society. However, current members of the ACS Fellows Selection Committee, ACS Fellows Oversight Committee, ACS Board of Directors, and current ACS staff are not eligible to be nominees or primary or secondary nominators.

How to Submit a Nomination

To submit a nomination, go to www.nominatefellow.acs.org. This URL takes you to the online nomination system, which fully integrates with the ACS membership database. Please note that the system will not open for nominations until February 1. Resource documents to inform and facilitate the nomination process will be available soon at www.acs.org/fellows.

2017 Changes

Please note these changes for 2017:

1. The Code of Conduct section language has been updated and an explanation is required for a 'No' response in the online nomination form.
2. A 'Summary of Impact/Significance' field has been added to the Volunteer Service to the ACS Community and Contributions to the Science/Profession sections of the online nomination form.

Please note that unlike other topical ACS awards, where the reviewers have expertise in the area of the award, ACS Fellows reviewers are not expected to be experts in a nominee's professional field. Therefore, it is important to clearly communicate, via letters of recommendation and the nomination form sections, the nominee's important achievements and the impact of those achievements in both his/her professional and volunteer activities.

Please submit any queries to fellows@acs.org.

Volunteers Needed for Girl Scout Program

Cranbrook Institute of Science will host an event for Girl Scouts and their families on Saturday, February 4th from 4 – 8 pm. The Detroit Section of the American Chemical Society will be participating in the program by running hands-on chemistry experiments.

We are looking for volunteers to staff the individual hands-on experiments, leading the children through the activities and answering questions about the chemistry. Children will have fun making things like slime, putty, and candy while learning about the properties of everyday materials.

This is a great opportunity to mix socially with your fellow chemists and students while performing a valuable public outreach. If you would like to participate, you can respond directly to the ACS contact, Denise Grimsley, at denise.grimsley@basf.com.

The museum is located on the Cranbrook Educational community campus on Woodward between Lone Pine and Long Lake roads in Bloomfield Hills. Information and a map can be found on their website at science.cranbrook.edu.

Save the Date!

CERM 2017 Hosted in Detroit

Date: June 6 – 10th, 2017
Location: The Henry, Autograph Collection
300 Town Center Drive
Dearborn, Michigan 48126
Information Contacts: Mark Benvenuto, benvenma@udmercy.edu
Daniel Lawson, dblawson@umich.edu
Website: <http://acscerm2017.org>

The American Chemical Society's Detroit Section will host the 48th Central Regional Meeting (CERM2017) at the Henry Hotel in Dearborn, Michigan, from June 6 – 10th.

The meeting theme is "Diversity in Chemistry." The General Chair is Mark Benvenuto of the University of Detroit Mercy, and the Program Chair is Daniel Lawson of the University of Michigan-Dearborn.

General poster sessions will cover analytical, organic, inorganic, physical, biological, and environmental chemistry, as well as chemical education.

Registration: Advanced registration is now open!. For more information, visit the website as it continues to develop: <http://acscerm2017.org>

Central Region Local Sections:

Akron	Indiana—Kentucky Border	Southern Indiana
Central Valley Ohio	Kanawha Valley	Toledo
Cincinnati	Michigan State University	Upper Ohio Valley
Cleveland	Midland	Western Michigan
Columbus	Northeastern Indiana	Wooster
Dayton	Northeastern Ohio	
Detroit	Northern West Virginia	
Erie	Northwest Central Ohio	
Huron Valley	Penn Ohio Border	
Indiana	Pittsburgh	

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