

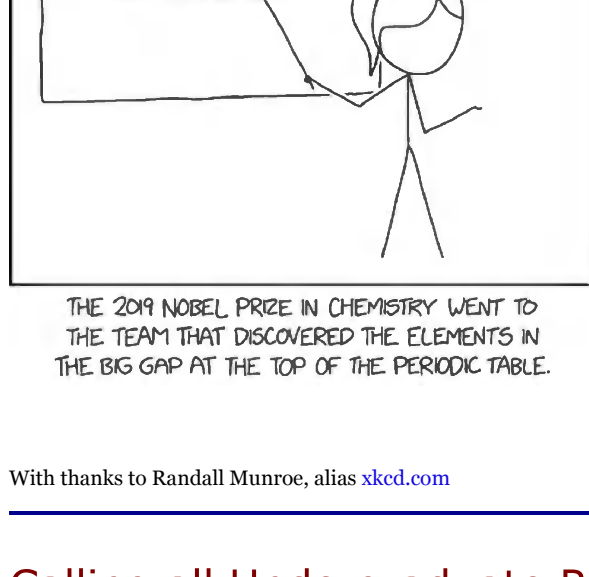
A nominee for the Chemistry Ig-Nobel?

first published 12 October 2019

You know us. We don't retweet. We don't make you watch cute_cats.gif on a loop just so you can access the event calendar. We don't copy-paste Uncle Morris's latest copied-and-pasted email, no matter how meme-ish it may be.

But (You knew there would be a "but")....

But this. Is. Funny. And. And. And germane. And by that, we are not referring to GeH₄.



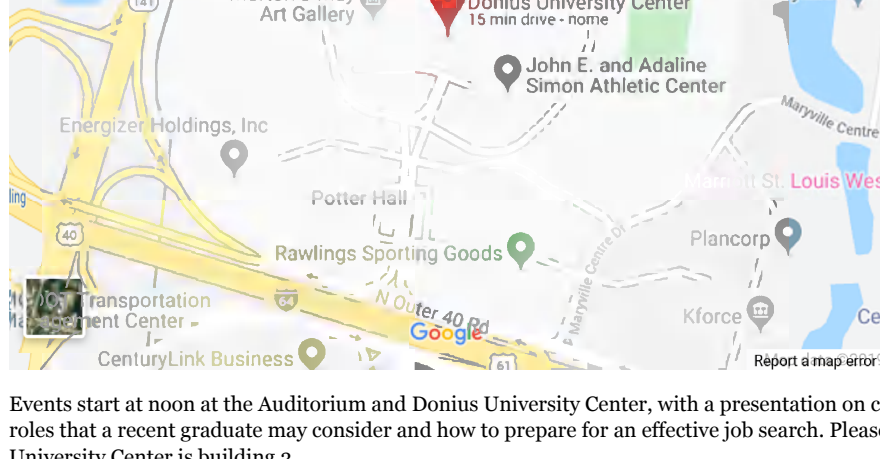
With thanks to Randall Munroe, alias xkcd.com

Calling all Undergraduate Researchers!

first published 24 October 2019

Join us for the 2019 Undergraduate Research Symposium on Saturday November 16th at the Maryville University in St. Louis! This year, we are also including career consultations with ACS career consultants and local professionals and chemists. The event is co-hosted by the St. Louis section of the American Chemical Society (ACS) and the Society for Applied Spectroscopy (SAS).

Location: Maryville University (650 Maryville University Dr., St. Louis, MO 63141)



Events start at noon at the Auditorium and Donius University Center, with a presentation on career pathways. This is an overview of the different roles that a recent graduate may consider and how to prepare for an effective job search. Please refer to the [Campus Map](#) for directions, Donius University Center is building 3.

The event includes a talk by an invited speaker, Professor **Steven J. Ray**, Professor of Chemistry from the State University of New York Buffalo: *New Instrumental Approaches for Atomic and Molecular Mass Spectrometry*.

Students from local colleges and universities are invited to participate in a poster presentation session. You will showcase the research you have done under the guidance of your mentor and advisor. You will also get an opportunity to talk with career consultants and go over the possible career paths, both traditional and non-traditional.

If you are interested in presenting a poster, there is still time! Please submit your abstract to Dr. Tom Spudich by Nov 1st – tspudich@maryville.edu

We look forward to seeing you there!
Dr. Samina Azad and Dr. Monica Reith (organizers)

Come join us at the Continuity Dinner!

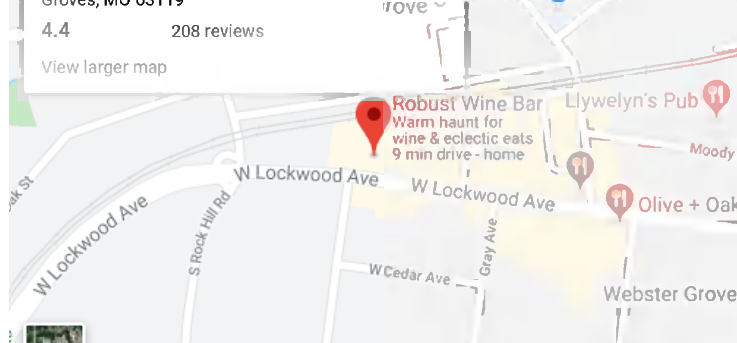
first published 25 October 2019

The December Board of Directors meeting, also known as the Continuity Dinner, is a fancier than usual affair to celebrate the year's achievements, recognize certain members, announce the Distinguished Service Award (conferred in March), and pass the gavel to the incoming section officers. Plus, there is the Henry Godt Memorial Lecture, given by a surprise speaker, which lightly and briefly (we promise: briefly) recaps the year-in-chemistry-in-St-Louis. If you're not a regular ACS meeting attendee, come renew or create acquaintances.

There will also be a General Meeting of the Section, but business will be light. And there are almost always some new and old members whom we see only at this event. So come!

When: Thursday, December 12

Where: Robust in Webster Groves Public Parking is available as part of the Strauts lot and also a public lot to the west next to Froyo.



Schedule of events:
6:30 PM Social hour with appetizers, cash bar
7:00 PM Meeting and Dinner

Please register by Dec 9th by contacting Suzy Hartmann (chair@stlacs.org)

Cost of dinner is \$25, payable by cash or check or **PayPal** at the dinner. Checks may also be mailed in advance to the STL ACS Treasurer, Jeff Cornelius:

Jeffrey Cornelius
Principia College
1 Maybeck Place
Elsah, IL 62028

Dr. Kevin Moeller Recognized at Midwest Regional Meeting

first published 29 October 2019

This year's Midwest Award recipient, Dr. Kevin Moeller of Washington University in St. Louis, was recognized at the Midwest Regional Meeting in Wichita. In addition to the Midwest Award Symposium and Lecture, Dr. Moeller was honored along with other regional award winners at the banquet. Several colleagues and students (past and present) made the trip to Wichita to celebrate with Dr. Moeller and his wife, Tracy.



Dr. Moeller with his research group:

(L-R) Dr. Yu Zhu, Mr. Tiandi Wu, Dr. Ruby Krueger, Ms. Kendra White, Dr. Moeller, Mr. Qiwei Jing, Ms. Nai-Hua Yeh, and Mr. Zach Medcalf

Kids + Chemistry = Fun!

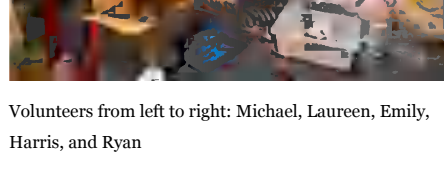
first published 31 October 2019

Reported by Dr. Reni Joseph, Kids and Chemistry coordinator

Fall is a very busy time for the Kids and Chemistry team. We carried out several outdoor outreach activities that included promoting chemistry during a cub scout launch (9/22) and Fright Fest (10/03) which was organized by Dr. Lisa Balbes at Beaumont Camp.

In addition, we also celebrated the National Chemistry Week by organizing two outreach events at the Science Center on October 26th and 27th. In addition to hands-on activities, we handed out stickers, tattoos, and materials related to the National Chemistry Outreach Week and encouraged parents to work with their kids to do science fair projects.

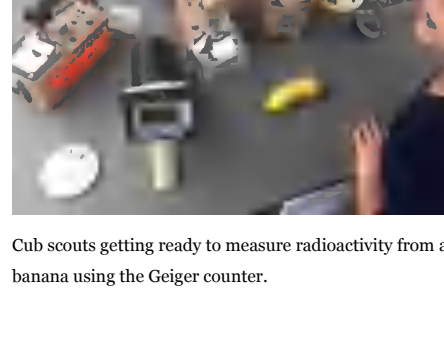
Our hands-on activities for these events included radioactivity, acid-base chemistry, non-Newtonian fluids, states of matter, liquid nitrogen freezing, crushing experiments and gas laws.



Volunteers from left to right: Michael, Laureen, Emily, Harris, and Ryan

Special thanks to our volunteers, Michael Barnes, Eric Hill, Dr. Bill Uhlend, Isabelle Castle, Luke Lavac, Laureen Coleman, Ryan Johnson, Emily Bonkoski, Harris Hallilovic and Alyas Khudier. Thanks to Trang Troung and St. Louis Community College for providing us with the liquid nitrogen. Our volunteers worked tirelessly to reach out to over 2500 kids in the St. Louis region.

Interested in volunteering at these activities? Please contact Dr. Reni Joseph at rjoseph15@stlcc.edu



Cub scouts getting ready to measure radioactivity from a banana using the Geiger counter.

Saint Louis Chemical Science & Technology Award, 2020: call for nominations

first published 31 October 2019

Nominate a member of your team for the Saint Louis Chemical Science & Technology Award. This award is presented to a chemist in the St. Louis area who has demonstrated a high degree of professionalism and scientific contribution. Criteria used to judge the award include technical proficiency, presentations, coaching/teamwork, and additional professional activities. The award will consist of a plaque, a \$1,000 honorarium, and dinner for the awardee and a guest at the annual Recognition Night. The due date for nomination is January 1, 2020.

You can find all the details on eligibility, nominating a candidate, and recent winners right [here](#). To submit a nomination, email the Chemical Science and Technology Award Coordinator, Rui Tang at rtang@wustl.edu.

UMSL hosting ACS Career Day for local High School Students

first published 30 September 2019

Dear Science Educators,

You and your students are invited to Career Day sponsored by the American Chemical Society to be held at the University of Missouri-St. Louis (UMSL) in the Chemistry and Biochemistry Department on Friday November 15th, 2019 from 9 a.m. to 12 p.m. The aim is to introduce your students to careers involving chemistry and biochemistry and have them witness activities in those areas. It includes tours of research laboratories and instrument facilities, and Chemistry Demonstrations by the UM-St. Louis Chemistry Club. Brief talks on What is Chemistry and What Careers Use Chemistry precede the tours. Chemistry and biochemistry are "central sciences" and other careers such as ones in the healthcare industry also involve these disciplines; they are key components in a STEM education. In the tour, research in biochemistry, inorganic, organic, and physical chemistry will be featured and major instruments to be shown and demonstrated include X-ray Diffraction, Nuclear Magnetic Resonance (NMR), High-Performance Liquid Chromatography (HPLC), Mass Spectrometry (MS) and Electron Microscopy. A lunch (pizza, etc.) starting at about 11:30 a.m. will be a valuable event.

This should be a conclude the experience for your students as they consider their college and future career options.

Please respond by Friday November 1, 2019 to Leah Trimble ((314) 516-5311, e-mail: trimble@umsl.edu) or Jasmine Maloney ((314) 516-4146, jasm96@umsl.edu) to inform us that you will attend. Please let us know how many students will accompany you so that complete arrangements for food and setting up of tour groups may be made. The day involves lots of activities so please plan to be punctual. Additional information will be provided later by e-mail. Please note that our budget for this event does not include the cost of transportation for attendees but free parking will be provided. Additional details concerning the planned program can be obtained from Keith Stine or Jim O'Brien; their contact information is given below.

Professors Keith Stine and James J. O'Brien

E-mail: kstine@umsl.edu; obrienjja@umsl.edu
Telephone: (314) 516-5346 (Keith Stine) ; (314) 516-5717 (Jim O'Brien)
FAX (314)-516-5342

Meeting & Seminars

Board of Directors

St. Louis Section-ACS Board of Directors meets the second Thursday of each month, usually at the Glen Echo Country Club ([map and driving directions](#)). Meetings are open to all members, and all are encouraged to attend. Elected officers and chairs of major committees vote on questions put to the Board; others in attendance have voice but no vote.

If you want to attend for dinner, please contact the section Chair at least a week in advance. The usual cost of the dinner is \$20 (\$10 for post-docs and unemployed members). Bar service and dessert are optional extras. Members wishing to become active in section activities are welcomed for their first dinner as guests of the section.

Date: Nov 14

Social hour, cash bar: 6:00 pm

Call to order: 6:30 pm (Board Meeting suspended during dinner service)

Future meetings: Dec 12 (Continuity Dinner), Jan 9

Maryville University

Seminars are approximately once a month on Thursdays, 4-5 pm. Details are available on the university's [seminar page](#). All seminars are free and open to the public. Contact Jason Telford for more information.

St. Louis College of Pharmacy

The Center for Clinical Pharmacology hosts a monthly seminar series in ARB 212 unless otherwise noted. For the most up to date information refer to the center's [seminar page](#) or contact [Jodi Maslin](mailto:Jodi.Maslin).

Saint Louis University

Seminars are generally on Fridays at 12 noon in Carlo Auditorium, Tegeler Hall, unless noted otherwise. Refreshments follow. For the most up-to-date information, refer to the department's [seminar page](#) or contact Brent Znosko, znoskob@slu.edu.

University of Missouri-St. Louis

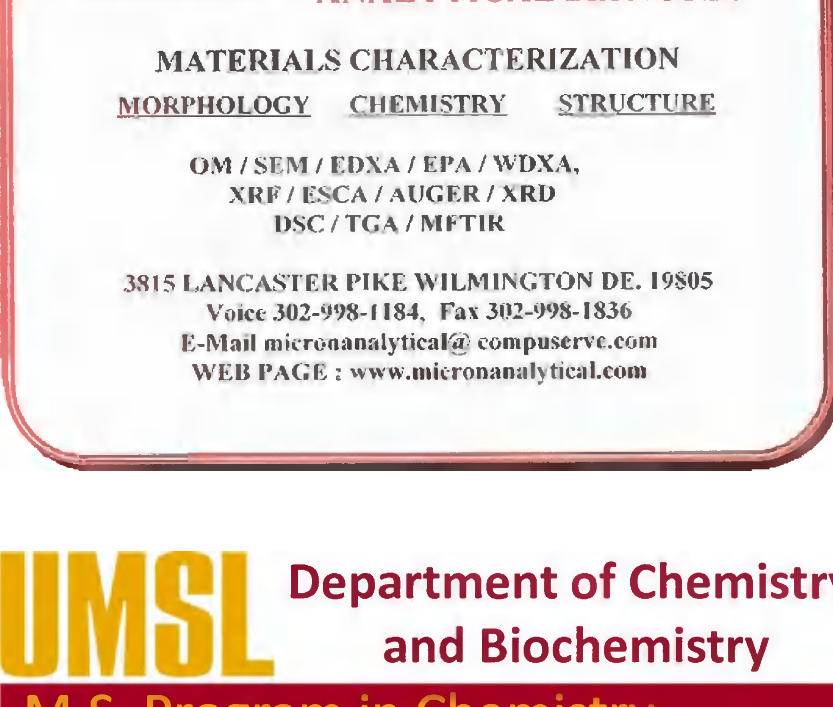
Monday's at 4 pm in 451 Benton Hall, unless otherwise specified. Refreshments 15 minutes prior to seminar time. For timely information on visiting seminar speakers, contact the Chemistry Department, 314.516.5311, or visit the [seminar schedule](#). The department has additional seminar series which are also accessible from this page.

Washington University

Seminars are in McMillen 311 at 4 pm unless otherwise noted. For information, consult the departmental [events page](#). Related seminars, including extended seminar series and the WU med school biochemistry series, are linked here as well.

POLYMER STANDARDS FOR GPC/SEC MOLECULAR WEIGHT ANALYSIS GPC/SEC COLUMN REPACKING

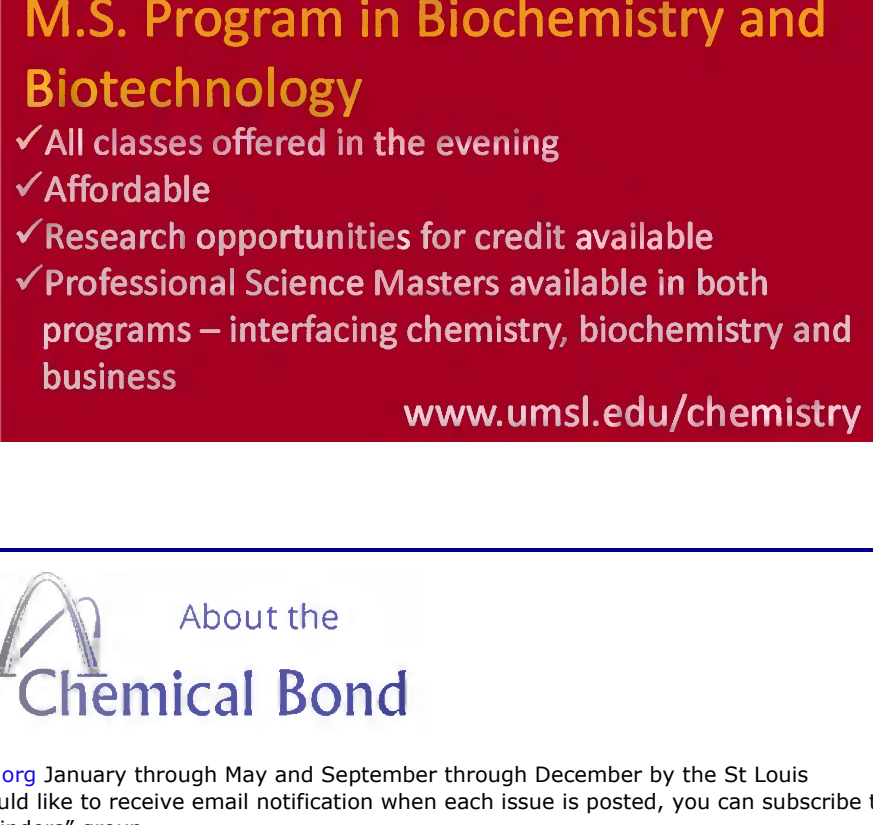
American Polymer Standards Corporation
8680 Tyler Boulevard, Mentor, OH 44060
Phone: 440-255-2211 Fax: 440-255-8397



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About the Chemical Bond

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Home
Member Services

Outreach
News digest
Special Events

About STLACS
Resources

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