



Come join us at the Continuity Dinner!

first published 18 October 2017

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 14

Where: Cafe Napoli in the Napoli Reserve Room – 7754 Forsyth Boulevard Clayton, MO 63105
Parking info may be found [HERE](#): (free parking at meters after 5 pm)

Schedule of events:

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

Please register by Dec 11 by contacting Natalie LaFranzo (314-301-9268 or chair@stlacs.org)

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

Jeffrey Cornelius
Principia College
1 Maybeck Place
Elsah, IL 62028

St Louis Award festivities: symp and sup

first published 14 November 2017

This year, the 47th ACS–St Louis Award winner is **Keith Stine** of the Department of Chemistry and Biochemistry, University of Missouri–St Louis.

The symposium arranged around Dr Stine's research on *Nanoscale Materials: Synthesis and Analysis* was held on the afternoon of Friday, September 29th at the University of Missouri–St Louis. Section Chair **Natalie LaFranzo** opened the event with a summary of the Section's recent activities and successes. She was followed by Prof **Cynthia Dupureur**, Chair of the Department of Chemistry and Biochemistry, who introduced Prof Stine. Keith talked about his work on the development of nanoporous gold for analytical and synthetic applications. Invited symposium speakers followed:

- **Yufu Ma**, Missouri Institute of Science and Technology, spoke on the development of single-cell pH probes to investigate the cytotoxicity of nanomaterials
- **Alexei Demchenko**, a colleague and collaborator of Prof Stine, gave a talk on stereocontrolled glycosylation reactions and automated oligosaccharide synthesis
- **Julio D'Arcy**, Washington University, spoke on droplet-assisted vapor-phase polymer synthesis of conducting nanomaterials

The symposium was well attended by both University of Missouri faculty and students, along with some members of local industry and other universities. The symposium was closed by Dr. Dupureur, who directed everyone to the Chancellor's house for a fantastic one-hour open-bar reception with appetizers.

The Award Banquet was held immediately after the reception at the Glen Echo Country Club. Section Chair Natalie LaFranzo welcomed everyone and introduced the honoree, Dr Stine, along with the symposium speakers, section officers and former St Louis Award winners who were present. Also attending was the Chancellor of the University of Missouri–St Louis, Professor of Chemistry **Thomas George** with his wife, Curators' Professor of Music **Barbara Harbuck**, who had hosted the reception after the symposium.

The attendees then proceeded to consume an excellent meal, after which Dr LaFranzo introduced UMMSL Professor Emeritus **Lol Barton**, who commended the awardee with a glowing tribute. Dr Stine was presented with a plaque and the award check for \$1,500. Keith talked briefly, at a more general audience level, on *Life in Two Dimensions: Adventures in Surface Chemistry*. The talk described his work on the assembly and properties of lipid bilayers and on the preparation and uses of porous gold for biotechnological applications. A very successful and entertaining evening was enjoyed by all.



Keith Stine, 2017 St. Louis Awardee, receives award plaque from Natalie LaFranzo

Election returns are in

first published 20 November 2017

Section Chair Natalie LaFranzo has reported:

The results of our STLACS election have been certified. Please join me in congratulating our 2018 elected officers.

Chair Elect: Suzy Hartmann

Secretary: Henry Kohrs

Treasurer: Jeff Cornelius

Councilor: Donna Friedman

Alternate Councilor: Jim O'Brien

Directors: Keith Stine, John-Stephen Taylor, Mikhail Berezin

And many thanks to all who served in 2017; our Section is vibrant and a wonderful resource for many local chemists.



You will be able to see the full new line-up of elected officers, committee chairs and subcommittee participants [here](#) on January 1st (or if you go there now, the full old line-up).

YCC recaps events

first published 20 November 2017

The Younger Chemists Committee sponsored two professional yet social, serious yet fun events recently. This report was compiled by Tabetha Bohac, Chair of the local YCC.

Anheuser Busch chemistry lab tour, October 11, 2017

All this event, 26 chemists set out to learn the chemistry of brewing at the Anheuser Busch chemistry facilities. The tour began with a short presentation on how brewing works and the chemistry that occurs at each step of the process. Following the presentation, we broke into smaller groups to tour the different chemistry laboratories. It was very interesting and informative to see all the equipment specific to the beverage industry. The crowd expressed their favorites among the instruments, with top spots going to two in a tie: (1) an instrument that measures precisely how long it takes the foam on the beer to shrink, and (2) a GC-MS that allows the operator to smell each peak as it comes off the column.



First the lecture (theory)...



... then the lab (practice)

"You have a PhD, now what?" Professional Development Workshop, November 16, 2017

The YCC partnered with another local student-run group, BALSAs (Brain Analysis Library of Spatial maps and Atlases), to host a professional development event titled "You have a PhD, now what?" Guest speakers Dr Thi Nguyen and Dr Michelle Repire from WashU GradCareers gave a wonderful presentation on how to position your research experiences and extra-curriculars on your resume and in your cover letter. The interactive workshop provided a chance for everyone in attendance to reflect and work on their own professional documents. This event had an awesome turnout, with 46 people in attendance.



"Now What" workshop in progress

How'd we do? You spoke. We listened.

first published 30 November 2017

Submitted by Natalie LaFranzo, Chair of the Saint Louis Section of the American Chemical Society

Every few years we send out a Member Survey to get feedback from ACS Members (like you!) in the St. Louis Section. This year, the Survey was open throughout the summer, and offered the incentive of a free iPad for one lucky winner. Congrats to our lucky winner – please check your email box to see if you've got a message from us!

Whether it was due to the desirable prize, or a passion for expressing your opinions, I am pleased to report that we had a very respectable response rate. We have about 1,325 members who have opted-in to receive our email communications, and of these, 222 responded and completed the survey. That's over 15%!

I'd like to take the opportunity to summarize the responses, and highlight some of the feedback we received. If you have additional comments, or suggestions on ways we can continue to address your needs and concerns, the Board of Directors is eager to hear from you.

Question 1 – Are we helpful? Good news and bad news. Yes, for the most part we're giving you what you want! But, unfortunately, many of you don't know what we offer, or how we can help.



Click to enlarge figure

We need to communicate better – to share more about events before they happen, and spread the word on the great resources we have. Thanks for helping us realize we have some room to grow here!

Intrigued? Want to see the rest? Head on over to the [full report](#)

Nominations sought for the 2018 High School Chemistry Teaching Award

first published 30 November 2017

The St. Louis Section of the American Chemical Society is seeking nominations for the 2018 High School Chemistry Teaching Award. This award is given to recognize and encourage outstanding teachers of high school chemistry within the St. Louis Section. The award winner will receive a \$500 check and a plaque, presented at an awards dinner and program in April.

Please consider nominating a teacher in the Greater St. Louis Area who exemplifies excellence in the teaching of high school chemistry.

The nomination must include the following items:

- 1) The Nominee Information Form should be completed at <http://tiny.cc/elgyoy>
- 2) A curriculum vitae or resume that includes a list of the nominee's honors, professional activities, and additional evidence of service to the profession must be sent to kathleen.dwyer@mrhschools.net
- 3) Recommendations for the nominee should be completed at <http://tiny.cc/hngyoy>

At least one recommendation must be from the nominee's current principal or supervisor. Additional recommendations may be completed by colleagues, members of the American Chemical Society who are familiar with the nominee's achievements, former students, or parents of former students.

All materials must be submitted by December 31, 2017.

Please address any questions to Kathleen Dwyer at kathleen.dwyer@mrhschools.net

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. Usual cost of the dinner is \$22 (\$11 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: Dec 14
Continuity Dinner at Cafe Napoli
Social hour, cash bar: 6:30 pm
Call to order: 7:00 pm (Abbreviated Board Meeting and dinner)
Future meetings: Jan 11, Feb 8

Saint Louis University

Seminars are generally on Friday 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

Mondays 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 endowed seminar series and the WU med school biochemistry series, are linked here as well.

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