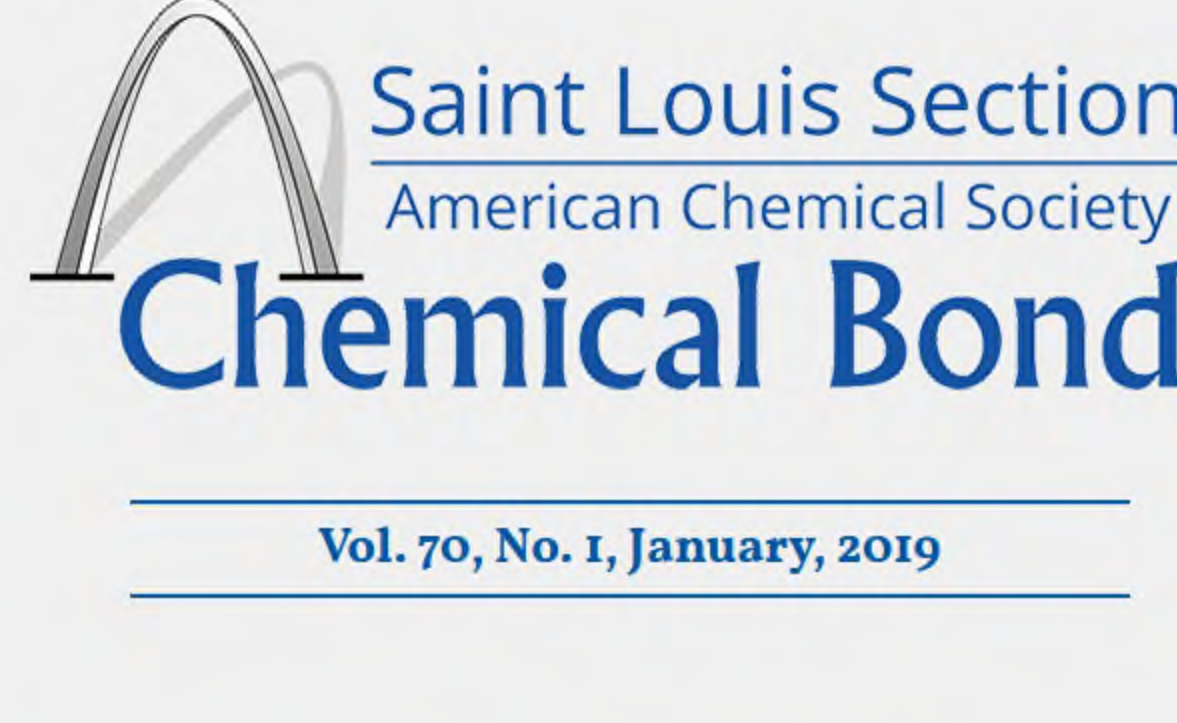


Chemical Bond, January 2019



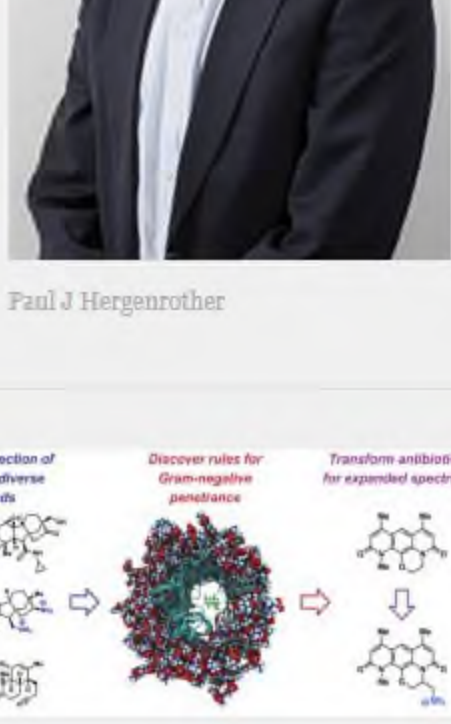
Vol. 70, No. 1, January, 2019

Hergenrother is 2019 MilliporeSigma lecturer

first published 20 December 2018


Paul J Hergenrother, holder of the Kenneth L. Rinehart Endowed Chair in Natural Products Chemistry at University of Illinois–Champaign-Urbana, is the guest speaker in the MilliporeSigma lecture series, co-hosted by Saint Louis University Department of Chemistry and MilliporeSigma R&D.

Dr Hergenrother's research focuses on the design, synthesis, and evaluation of organic molecules with novel biological properties including enzyme inhibitors and activators; novel anticancer and antibacterial compounds; chemical biology and synthetic organic chemistry. He will give two lectures on successive days meta-targeting (1) novel antibiotics for treatment of drug-resistant bacterial infections and (2) new targets for personalized anti-cancer drugs.



Paul J Hergenrother

(1) Thursday, January 17, 2019, at 4:00 pm
 Pere Marquette Gallery
 DuBourg Hall
 Saint Louis University
 221 N Grand Blvd
 St. Louis, MO 63103
Synthesis of Complex and Diverse Compounds Leads to Novel Gram-Negative Antibiotics



(2) Friday, January 18, 2019, at 10:00 am
 Laclede Auditorium
 MilliporeSigma
 2909 Laclede Ave
 Saint Louis, MO 63103
Traversing the Valley of Death in Anticancer Drug Discovery



If it's Continuity, we must have made it another year!

first published 23 December 2018

Outgoing Chair Ben Barth arranged a fine venue for our December 13, 2018, Continuity Dinner: upstairs at Pastaria, Clayton. The room was a perfect size for our group of thirty-ish members and SOs, and well shielded from the general restaurant din – so the only din was us.

Due to a discrepancy in announced start time – 6:00 pm here, 6:30 pm there – Ben and his small but merry band of early arrivals were getting a bit panicky by about 6:15-ish when they were still the only ones there. But no worries! the room started to fill with festive attendees in good time.

After about half a social hour, Ben gavilled the General Meeting into gloriously brief existence: no business, move to adjourn. And that ... was that.

We did a full-featured but exceedingly brisk Board of Directors meeting – you might even call it business-like – completed before the meals were served. The servers did a yea-person job totting plates from the kitchen on the main floor to our party room one flight up. Most of us guests took pity and forgave (forwent? forgot?) the coffee or tea course.

The real business of Continuity Night was taken up after all our appetites were sated.

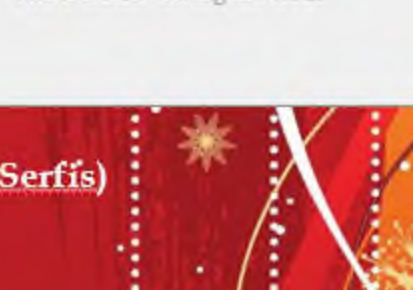
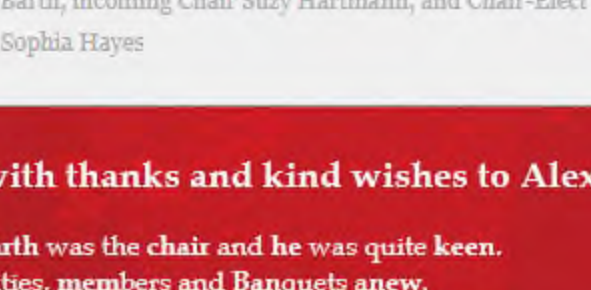
The Distinguished Service Award was previewed, with Jeff Cornelius the recipient-expectant. Jeff served the Section as Secretary for three years in the 20-aughts and in the Chair succession early this decade, and is up for his third year as Treasurer in 2019, along with all the *ex officio* appertaining thereto: the Investment Committee, the Audit Committee, the Steering Committee. Why, it almost seems there is not a corner of the Section where Jeff's imprint isn't. The award is officially conferred at Recognition Night in the spring, but the suspense was lifted tonight.



The secret Henry Godt Memorial Lecturer (or "Giver of the Godt") was Jim O'Brien, who delivered the words to the cadence of *Twasi the Night Before Christmas* and the accent, authentically, to *Waltzing Matilda*. His year-in-review-in-a-minute was well received and is presented below with all the accoutrements its lofty station deserves – or at least that's what Jim thinks, as he provided both the script and the accoutrements. Hats off to Jim.

And finally, the passing of the Gavel and the Book, from Ben Barth to incoming Chair Suzy Hartmann. You will find posts from Ben and Suzy right around now, with their retrospective and prospective, respectively, of their Chair years. New Chair-Elect Sophia Hayes was on hand to witness the high drama; it will be her turn next year.

The photos accompanying this post are but a tease for the larger selection contributed by default photo-documentarian Jim O'Brien and deputy photo-documentarian Eric Ressler. The full selection can be viewed on our [Flickr photostream](#).



2018 Henry Godt Lecture, by Jim O'Brien (with thanks and kind wishes to Alexa Serfis)

*Twas a Year to Remember, two thousand-eighteen: Ben Barth was the chair and he was quite keen.
 The year brought more changes in things that we do: Activities, members and Banquets anew.
 Our past chair was meeting with groups far and wide, to gather them in and show them our pride.
 Yes, Natalie was drinking with members this year, from coffee to cider to craft-brewed fine beer.
 Minority chemists did gain a new flare, with functions to network and make more aware.
 With Cynthia's touch it is running with vigor, activities now happening left right and center.
 Careers were developed with options and choices, and Board Meetings held with lots of kind voices.*

*Awards were engaged by committees with care, in hopes that recipients would find them quite fair.
 St. Louis Award by Janetka was won, his research on natural molecules done.
 The Midwest Award was won by Q. Ge – his nanochem talk was so clear we said, "yeah."*

*The programs for students were many and varied, events were not finished in time if they tarried.
 More rapid than eagles the students they came, and ACS members would call them by name:
 New Boy Scouts! New Tournaments! Now pH is pHun! On Research! On Career Day! Science Awards to be won!
 To the top of the class! To the top! came the call. Now Study! Now Titrate! Now Quiz bowl, you all!*

*The picnickers loved the summertime breeze, the sun gently shaded by grand old oak trees.
 When out at the park there arose such a chatter, as we gathered around and talked about matter.
 Away to the frisbees – they flew like a flash. The grilling was great, not much turned to ash.*

*The moon on the crest of the new-fallen snow reminds us the year will soon get up and go.
 And so, to this dinner, the waiters they fly; with plates full of pasta and drinks they do ply.*

*As dry leaves that litter my yard like a maze, the year was successful in so many ways.
 What a section we have in this Cardinal City! The Blues are so blue is so much of a pity.
 As midnight approaches we volunteers land; your work was amazing and for that we applaud!
 With sleigh bells a-ringing, we drink in our mead; we welcome Sophia and Suzy to lead.*

*Let's all raise our glasses and toast with a cheer, Thanks to you all and we'll see you next year!
 This concludes the re-run I happily recite. Happy Holidays to All and to All a Good Night!*

More Coffee and Cocktails are coming in the New Year

first published 31 December 2018

One of the section's great successes of 2018 were the "Cocktails with Chemists" and "Coffee with Chemists" events. We host one event per month – rotating the days, times, and locations to make it convenient for ALL St. Louis area chemists to attend.

If you haven't been yet, we encourage you to attend – you're missing out! These events are very informal, so no preparation necessary. They're fun, laid back, and a great opportunity to meet other local chemists. Are you new to the area and looking to meet other folks? Are you recently retired, and want to find a way to give back? Are you just looking to see what ACS is all about? Join us!

January is a Cocktails event at [Layla](#) on January 29th. More information and RSVP [here](#).
 February is a Coffee event at [Pastries of Denmark](#) on February 26. More information and RSVP [here](#).
[Join the Meetup](#) for more information and regular reminders of future events.

Our Immediate Past Chair bids us adieu...

first published 31 December 2018

Time flies when you're having fun! It was my pleasure to serve as STLACS Section Chair for 2018. It never ceases to amaze me the number of programs and activities that are put on, to great effect, by the STLACS membership. Serving as Section Chair really gives you a new perspective on the impact the American Chemical Society has in our community.

I would like to commend the 2018 Board of Directors for their work and particularly for their support of passionate members who have taken on development of new programs and events. The programs and events put on by the Minority Affairs Committee and the Coffee/Cocktails with Chemists events are providing that new and exciting opportunities for chemists to meet and take advantage of being an ACS Member! And all of that is in addition to the excellent programs that have been offered on an annual basis for years.

In the coming year, I'm excited to continue serving as Immediate Past-Chair and see what is next for the section.
 Happy New Year, and all the best in 2019.



Ben Barth, Ph.D.
 2019 Immediate Past Chair,
 St. Louis Section ACS

...and our new Chair welcomes us to a New Year!

first published 31 December 2018

Greetings and Happy 2019 St. Louis Section Members.

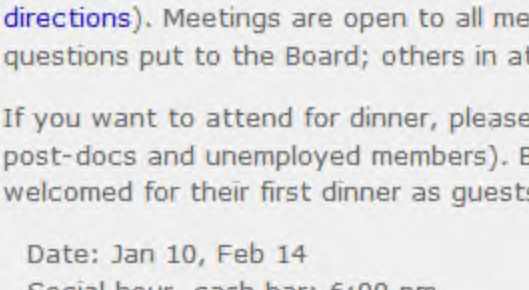
As I look forward to 2019, and my year as Section Chair, I approach it with excitement based on the events of 2018. I find that stories make it easier to convey a message, so let me share with you my favorite ACS-related story from 2018.

One of the highlights for me this past year was attending the monthly "Coffee and Cocktails with Chemists" networking events. The brainchild of Natalie LaFranzo, these monthly events were launched in January 2018, and enthusiastically received by the local section. On a personal note, these events gave me the opportunity to meet new people (and even reconnect with some former colleagues). The best moment came in June when one of my former Pfizer colleagues, who now works in Chicago, showed up at McArthur's in Kirkwood after seeing the event posted on my LinkedIn feed. She happened to be in St. Louis for the day on business and decided to stop by!

I tell this story as it speaks to the power of networking, and showcases one of the benefits of being part of a professional organization, such as the ACS. Though our locations and careers may have changed, we still had a common thread that held us together after so many years.

I cannot guarantee that you will find your long-lost colleagues at a networking event, but you will make some new friends. Please check the Meetup Website for updates, and as the calendar on the STLACS Website (and of course my LinkedIn feed). We will be announcing 2019 dates soon.

In closing, I would like to offer my sincerest thanks to my fellow officers, board members, and steering committee for their ideas, guidance, and wisdom this past year. I look forward to the stories that lie ahead.



Suzy Hartmann
 2019 Chair, St. Louis Section ACS
 Associate Director, Sourcing Biologics,
 MilliporeSigma

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: Jan 10, Feb 14
 Social hour, cash bar: 6:00 pm
 Call to order: 6:30 pm (Board Meeting suspended during dinner service)
 Future meetings: Jan 10, Feb 14

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.

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

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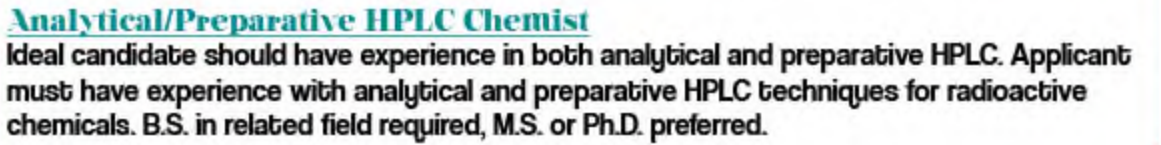
American Polymer Standards Corporation
 8680 Tyler Boulevard, Mentor, OH 44060
 Phone: 440-255-2211 Fax: 440-255-8397



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EMPLOYMENT OPPORTUNITIES

Experienced Organic Radiochemist
 Ideal candidate should have 5-10 years experience in radiosynthesis using carbon-14 and tritium. Candidates with experience using carbon-13 and deuterium will also be considered. Applicant must have extensive experience in multi-step, small-scale organic radiosynthesis, as well as vacuum line techniques to handle, purify, and transfer small amounts of volatile chemicals under vacuum. Ph.D. required.

Biochemist
 Applicant must have experience with enzyme extraction, biochemical synthesis, gel electrophoresis, purifications by EP, TLC, and paper chromatography. Ph.D. required.

Analytical/Preparative HPLC Chemist
 Ideal candidate should have experience in both analytical and preparative HPLC. Applicant must have experience with analytical and preparative HPLC techniques for radioactive chemicals. B.S. in related field required, M.S. or Ph.D. preferred.