

## Call for Nominations: Saint Louis Award 2019

first published 28 January 2019

Nominations are solicited for the St. Louis Award, which has been sponsored by the Monsanto Company (now Bayer) and administered by the St. Louis Section—ACS. Nominees should be individuals who have made outstanding contributions to the profession of chemistry and demonstrated potential to further the advancement of the chemical profession. The awardee is selected by a review committee constituted by the St. Louis Section—ACS. The award, consisting of a \$1,500 honorarium and a plaque, is presented at the St. Louis Award Banquet, which is typically held in October during National Chemical Week.

At the time of the nomination, nominees must not have previously received the Midwest Award or any national ACS-sponsored award. Nominees must be members or affiliates of the St. Louis Section of the ACS. Nomination packets received by April 30 are considered for award presentation in October.

Nomination packages (*vide infra*) should be prepared as a **single Portable Document Format (PDF) file** and sent by email to John-Stephen Taylor [taylor@wustl.edu](mailto:taylor@wustl.edu)

Nomination letters, required as an integral component of the nomination PDF-file-package, can be formally addressed to:

John-Stephen Taylor, Ph.D.  
ACS Saint Louis Award Coordinator  
Department of Chemistry  
Campus Box 1134  
Washington University  
1 Brookings Drive  
Saint Louis, Missouri 63130.

Nomination packages (single PDF-file) should include, in this order:

1. a face page with the award name, the nominee name, and the date of the nomination;
2. a nominating letter, which includes note of any significant activities with the Local Section;
3. two additional seconding letters (not more) from individuals who have had a close professional affiliation with the nominee;
4. a brief biography of the nominee (one page or less);
5. a concise description of the nominee's chief accomplishments in the field (one page or less); and
6. a list of publications and patents.

Additional details can be found at URL <http://www.stlacs.org/st-louis-award/>.

## Call for Nominations: 2019 ACS Midwest Award

first published 30 January 2019

Your assistance in identifying candidates for the 2019 ACS Midwest Award is solicited. In 1944, the St. Louis Section of the American Chemical Society established the ACS Midwest Award to recognize outstanding achievements of an individual made in chemistry in the Midwest Region. From that point on, the award is conferred annually on a scientist who has made meritorious contributions to the advancement of pure or applied chemistry, chemical education, and the profession of chemistry. The contributions must have been made during a period of residence in the geographical area defined by the territories of the Local Sections that participate in the Midwest Regional Meeting (MWRM) of the ACS ([see map for reference](#)). Nominees can work in industry, academia, government, or private practice.

The 2019 ACS Midwest Award will be presented at the **54th Midwest Regional Meeting of the ACS** held in Wichita, KS from October 16-19, 2019. Ceremonies feature a Midwest Award Symposium, a Midwest Award Lecture and the Midwest Awards Banquet usually scheduled on the Thursday of the meeting. The Award consists of a medalion and a cash honorarium and is presented by the St. Louis Section Chair at the Midwest Awards Banquet. Conditions of this Award include that the recipient gives the Midwest Award Lecture and attends the Midwest Awards Banquet.

Nominations should consist of

- o a nominating letter for the nominee and two or more seconding letters
- o a CV for the nominee
- o a brief biography for the nominee
- o documented and objective information regarding the outstanding achievements of the nominee.

If the nominee is an academician, a list of people who received advanced degrees under her or his direction should be provided. Activities by the nominee that support the ACS in the Midwest Region constitute an additional criterion.

**Please submit nominations electronically via a single pdf file** to the e-mail address given below. All nominations must be received on or before the deadline, Sunday March 31, 2019 (11:59 pm CST). The review panel (made up of chemistry professionals, resident in the Midwest Region), also will consider unsuccessful applications for the ACS Midwest Award from the past two years.

If you have questions, please contact Jim O'Brien at [obrien@jinx.umsl.edu](mailto:obrien@jinx.umsl.edu) or call (314) 757-5717 (cell).

Nominations should be directed to:

Dr. Jim O'Brien,  
2019 ACS Midwest Award Coordinator, and  
Department of Chemistry and Biochemistry  
University of Missouri-St. Louis  
One University Blvd.  
St. Louis, MO 63121

## Recognition Night 2019: Let's do this thing

first published 30 January 2019

Recognition Night celebrates and recognizes **50, 60, and 70-year ACS members** and Distinguished Service Award winner **Jeff Cornelius**. Jeff is a past Chair of the Section and currently serves as Treasurer (and all that implies). Many other Past Chairs of the St. Louis Section will gather, including immediate Past Chair, **Ben Barth**, who will give an entertaining after-dinner talk.

Our evening is March 16th. Our venue is **Balaban's, 1772 Clarkson Rd, Chesterfield, MO 63017**. Balaban's is in a Dierberg's mall in the northeast quadrant of Clarkson Road and Baxter Road in Chesterfield. Long-time St. Louisans: please don't make the mistake of thinking it's still in the Central West End. It isn't.

Mains menu, choice of:

- o beef tenderloin
- o bacon-wrapped scallops
- o eggplant roulade (vegan and gluten-free)

Agenda:

6:00 – Reception/social hour

6:45 – Dinner

7:45 – Program:

Past Chair's Address (Ben Barth)

Introduction of 50, 60, and 70-year members

Distinguished Service Award presentation to Jeff Cornelius

RSVP by March 9th to **Susan Hartmann**, Chair of the St. Louis Section-ACS, with the following information:

Name(s) \_\_\_\_\_  
Number attending \_\_\_\_\_ x \$30 each = amount remitted \$ \_\_\_\_\_

Make checks payable to St. Louis Section-ACS, and mail to:

Jeffrey Cornelius  
1 Maybeck Place  
Elsah, IL 62028

or send in advance of the dinner to our [PayPal account](#).

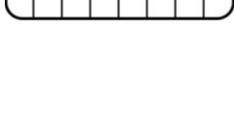
## Chromatography DG re-revs

first published 6 February 2019

My name is Walter Gavlick, and I am the new chair of the Chromatography Discussion Group.

As I take over for Doug Malkin, the previous chair, I need your help. Unfortunately, Doug's mailing list for the group was on his work computer. When he left Monsanto, the list was lost, so I need to rebuild the list. If you are interested in the group's activities, please send your e-mail address to me at [wgavlegmail.com](mailto:wgavlegmail.com) so that I can send you announcements concerning upcoming seminars and training sessions related to chromatography.

The goal is to have four or five chromatography seminars and at least one hands-on chromatography training session in 2019. Please send me your e-mail address to ensure that you receive notices for upcoming activities related to the group. Also, feel free to e-mail me any questions or comments that you may have about the group. Thanks again for your help.



Walter



Walter Gavlick

Guest author: Walter Gavlick  
Chair, Chromatography Discussion Group  
Retired analytical chemist from Monsanto  
Adjunct Chemistry Professor at Webster University

## Calling all Science Fair Judges!

first published 15 February 2019

Our illustrious and tireless Chemistry Awards Science Fair Coordinator, GSM Sundaram, is on the lookout for judges. Dates and times are listed below, please consider volunteering to help the next generation of scientists and chemists. Have we mentioned judges get fed? You can contact him at [onlysundaram@gmail.com](mailto:onlysundaram@gmail.com) or phone 314.258.5048

### Missouri Tri-County Regional Science and Engineering Fair

Saturday, March 2, 2019

Francis Howell North High School cafeteria  
2549 Hackman Road  
Saint Charles, Mo 63303

Judging is 9 am–12 noon

K–4 participation awards (not judged)

grades 5–8 and 9–12 (not honors 9–12)

Free judges' breakfast 8–9 am

### Illinois Junior Academy of Sciences Regional Science Fair

Saturday, March 23, 2019

Morris University Center (#8 on campus map, park in lot E)  
Southern Illinois University Edwardsville (SIUE)  
Edwardsville, IL 62026

The SIUE regional fair hosts over 200 of the finest 6th through 12th grade student projects from a ten-county area. Judges meet at 9:30 am; judging from 10 am to 1 pm; 5th–8th grades and 9th–12th grades.

A light judges' lunch buffet is available.

### Greater St. Louis Science Fair

Wednesday May 08, 2019

Edgar M. Queeny Park Recreation Complex  
550 Weidman Rd  
Ballwin, MO 63011

Elementary (grades K–5) participation awards distributed to chemistry-related projects. Three people are needed for about 1 hour each between 2 pm and 8 pm; no judging involved. Secondary (grades 6–12) judging of chemistry-related projects 2 to 8:30 pm. Please come for at least 2.5 hours. All secondary judges must be present at 8:30 pm to pick winners. Please allow about one additional hour for this process.

Dinner for judges is free on site from 5–6 pm.

## Natalie LaFranzo named Caesium

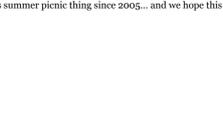
first published 26 February 2019

On second thought, that headline could be a bit misleading. The truth is that Robert Bunsen and Gustav Kirchhoff discovered caesium in 1860 and named it for the sky-blue lines in its emission spectrum.

But our own Natalie LaFranzo has been named **Caesium**. IUPAC, as part of its International Year of the Periodic Table festivities, has honored younger chemists from around the world with their own elements. It seems fitting to us, who know her, that she takes pride of place as the justic the most active element there is. (Francium has not been assigned yet.)

Quoting the citation on the [IUPAC IYPT website](#) (minor typos corrected, without, we hope, introducing new ones).

*Natalie is a passionate, professional scientist who has successfully bridged the worlds of interdisciplinary chemistry and business at an early stage in her career and has been instrumental in developing a new category of multivariable genomic assessment as a key step in developing precision medicine. Combining her deep interdisciplinary knowledge in chemical biology with outstanding business leadership and inherent project leadership skills, Natalie continues to play a leading role in transforming the field of molecular diagnostics and immuno-oncology.*



Natalie LaFranzo is Caesium

## Save the Date: the 2019 STL ACS Section Picnic is Coming!

first published 28 February 2019

Join us for the 2019 Summer Picnic! Chemists like a party as well as the next science nerd. We've been doing this summer picnic thing since 2005... and we hope this year will be great!



Date: Sunday June 9, 2019

Time: 1-5 PM

Location: Tilles Park – Windegger Shelter

Address: 9551 Litzinger Rd, St. Louis, MO 63124

RSVP Here: <https://goo.gl/forms/03j7WTp4CQZnuifz>

If you have any questions, please contact Immediate Past Chair, **Ben Barth**. Bring a lawn game, your friends and family, and enjoy some BBQ and good company!

## 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 should contact their first dinner as guests of the section.

Date: Mar 14

Social Hour, cash bar: 6:00 pm

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

Future meetings: Apr 11, May 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](mailto:Jason.Telford@maryville.edu) 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](mailto: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 endowed seminar series and the WU med school biochemistry series, are linked here as well.

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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.

The Department of Chemistry and Biochemistry at the University of Missouri–St. Louis announces  
**The Twenty-second Annual Robert W. Murray Lecture**

James C. Paulson



Professor and Co-Chair, Department of Molecular Medicine  
The Scripps Research Institute  
will speak on

*Glycan Recognition of Self and non-Self*  
4:00 pm Monday, April 1, 2018  
Room 104 Stadler Hall

**UMSL** Further information about the talk and the speaker will be available soon at the [following link](#).  
Parking is available in the West Drive parking garage.

The *Chemical Bond* is published at [www.stlacs.org](http://www.stlacs.org) January through May and September through December by the St. Louis Section—American Chemical Society. If you would like to receive email notification when each issue is posted, you can subscribe to our email list and join the "Chemical Bond reminders" group.

Correspondence, letters to the editor, etc., should be emailed to [editor@stlacs.org](mailto:editor@stlacs.org) or mailed to St. Louis Section—ACS, PO Box 410192, Saint Louis, MO 63141-0192  
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