



# The Minnesota Chemist

Official Publication of the Minnesota Section of the American Chemical Society

Issue 6, November-December 2018



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## Greetings from the Chair

In September and October we had some great speakers come visit our section. A special thank you to Dr. Amy Prieto and Dr. Joe Vinson for traveling to our section, and to Bethel University and Amore Coffee for being such welcoming hosts. Please reach out if you are interested in bringing in a specific speaker or hosting at your employer. The Executive Committee is always open to speaker topics and suggestions. You are also welcome to attend the quarterly executive meetings. The best way to get in touch is by email or in person at our remaining 2018 events.

Rounding out 2018 and looking to 2019:

### **Thursday, November 29th from 4:00-6:00pm Chemistry Job & Recruiting Fair**

What: This free event is an opportunity to meet with technical recruiters from the Twin Cities area and is open to professionals and students from chemistry and related fields. Sophomore and junior chemistry majors are also encouraged to attend to inquire about internships.  
Location: Saint Catherine University in Saint Paul. Coeur de Catherine's 3rd floor ballroom  
Please RSVP by November 20th to James Wollack at [jwwollack@stkate.edu](mailto:jwwollack@stkate.edu)

### **Thursday, December 6th Can Can Wonderland Winter Social & Silent Auction**

What: Holiday gatherings are often spent with friends and family, so please bring them along! Casual meeting to enjoy food and drink while networking, playing mini golf and bidding on Project SEED silent auction items.  
Location: Can Can Wonderland, 755 Prior Avenue North, Suite #004, Saint Paul, MN  
See "Meetings" tab at [mnacs.sites.org](http://mnacs.sites.org) for more details

### **Monday, February 18th 2019 The History of the Periodic Table**

Speaker: Dr. Eric Scerri, the leading authority on the history and philosophy of the periodic table

Location: Metropolitan State University

The end of 2018 also brings some new and familiar faces to the local section. Please be on the lookout for our November election issue including candidate bios. Your input matters, so please take the time to cast your vote for the elected positions.

Warm Regards,  
Arianna Ahl  
[amkooyman@gmail.com](mailto:amkooyman@gmail.com)

CALL FOR  
NOMINATIONS



## Annual ACS-MN Elections

Please be on the look out for our annual ACS-MN Election issue next week! We have candidates running for the following positions:

Chair Elect  
Treasurer  
Councilor  
Nominations Committee  
Awards Committee



## Chemistry Job & Recruiting Fair

The 7<sup>th</sup> Annual 2018 MN-ACS Chemistry Job and Recruiting Fair will be held from 4-6 PM on **Thursday, November 29th, 2018** at **Saint Catherine University** in Saint Paul, MN, in the 3rd floor Ballroom of the Coeur de Catherine Building.

**4:00-6:00 Meet with recruiters**  
**5:00 Pizza beverages and light snacks will be served**

This event is an opportunity to meet with technical recruiters from the Twin Cities area and is open to professionals and students from chemistry and related fields. Sophomore and junior chemistry majors are also encouraged to attend to inquire about internships. Please **RSVP to James Wollack (jwwollack@stkate.edu)** by November 20<sup>th</sup> so there will be an accurate head count for food. Include how many people will be coming from your group.

Past companies and organizations that have attended the career fair include\*:

**Aerotek**, Aspen Research, **Apex Life Sciences**, **Experis**, **H.B. Fuller**, Kelly Scientific, **Medtronic**, Medtox Laboratories, **Pace Analytical**, **Land O'Lakes**, Tru Vue, **Verum Scientific**, WuXi AppTec, **Minnesota High Tech Forum**, **University of MN Department of Chemistry**, **University of MN Department of Medicinal Chemistry**, University of MN Environmental Health Sciences, University of MN M.S. in Patent Law, Volt Technical Services and 3M.

\* **Confirmed companies/organizations are in bold, others are pending**

\* **A list of confirmed companies will be available in late October. Check the MN ACS web page at this time.** <http://mnacs.sites.acs.org/>



## Senior Chemists November event

The final Senior Chemists' Lunch of the year will take place on **Wednesday, November 14** at the Green Mill Restaurant on Hamline and Grand Avenues in St Paul from 11:30 am to 1:30 pm. This will be a special free catered lunch (pay for your own beverages). The menu will be a variety of salads and pizzas. The short program has not yet been finalized. Parking is available in the parking lot about 50 yards west of Hamline Avenue on the North side of Grand Avenue, or on the street. All are welcome including newcomers and guests. Reservations are necessary. Please RSVP to Lynn Hartshorn, [lghartshorn@stthomas.edu](mailto:lghartshorn@stthomas.edu) by **Friday, November 9**.

Lynn is also looking for a few volunteers to help with the MN ACS career fair on Thursday November 29 from 4:00 - 6:00 at St. Catherine University, St. Paul, MN. You would be asked to be available to chat informally and briefly with undergraduates about career paths in chemistry. We need volunteers from industry, academia and government. If you can only stay for part of the time between 4-6 that works too! Please let Lynn know if you would be willing to do this. Free parking is available on St Catherine campus close to the Coeur de Catherine building.



## Chemists in the Library

On the occasion of National Chemistry Week 2018, on October 27 Chemists-in-the-Library volunteers visited the Minneapolis Central Library to perform a range of hands-on-activities with children visiting the library. The children had a lot of fun and many wanted to do the experiments over and over again, but for sure the volunteers enjoyed the event just as much. As typical for the monthly library visits Chemists-in-the-Library program, volunteers included undergraduate and graduate students, faculty, and industry chemists. If you would like volunteer for Chemists-in-the-Library, contact Phil Buhlmann ([buhlmann@umn.edu](mailto:buhlmann@umn.edu)). No preparation prior to events is needed, and events usually take place on Saturdays, 1:30 - 3:30 PM. If you are not sure, try it out!



## Project SEED Celebrates “50 Forward” at ACS National Meeting in Boston

Chemists attending the ACS National Meeting in Boston were treated to several opportunities that showcased the 50<sup>th</sup> Anniversary of Project SEED. Since 1968, over 11,000 high school students have participated, 63% completed a bachelor's degree in science major and 7% earned a PhD! At the Boston meeting, over 70 SEED students presented their research at the Sci-Mix poster session, covering a wide range of topics, from the impact of ocean acidification on starfish to study of organo-borate complexes in enzyme inhibition.

A Presidential Symposium, “Growing with Project SEED: 50 years and 10,000+ Alumni”, hosted Project SEED Alumni who shared wisdom from their experiences. Dr. Teri Quinn Gray, ACS Board of Directors District III, had an early itch for chemistry, but no scientist role models until SEED. She spoke of mentors “collaborating for my success.” Dr. David Chavez, Los Alamos National Laboratory, experienced SEED as a “group of mentors who are working together to pull you along to become the best version of the person you can be.” Dr. Richa Sharma told how when her family emigrated to the US, the family stressors and limiting environment turned her into a bored and careless teen. But her high school teacher saw her capabilities and used SEED as the incentive to push herself to do well in school. Dr. Sharma now hosts SEED students in her research labs at St Jude's Hospital.

Confidence in the capabilities of talent waiting for a growth opportunity extends even to the Project SEED “50 Forward” Champion, Sir Fraser Stoddart. At several receptions and symposia, he shared his own story of finding his footing in research. Good partners go a long way and help you through the rough times. Early in his career, Stoddart heard a knock on his lab door. It was Alfred Bader (founder of Aldrich Chemicals) asking who in the department would benefit from donations of chemicals. Before you are “proven”, the small supports can make a huge difference. Alfred and Isabel Bader went the next step and have been long time financial sponsors of Project SEED.

The “50 Forward” campaign is a project of the ACS National Project SEED Committee. This plan for the sustained success and growth of Project SEED highlights the success stories of Project SEED alumni, shared through C&En News, and ACS social media sites. The fundraising campaign seeks to raise \$2 Million to increase the Project SEED Endowment and provide stable, ongoing source of funds for the program. Funding goes entirely to student stipends. When we achieve this fundraising goal, it enables a 25% increase in student participation (from 400+ to 500+ students each summer)!

Please consider making a donation to Project SEED via the 50 Forward campaign!

[www.acs.org/forward](http://www.acs.org/forward)

The Minnesota Local Section will be highlighting the 50 Forward campaign and the stories from our local Project SEED Alumni at our regular meetings and events. We have set a goal of raising \$10000 in contributions from Minnesotans. Thank you to members who have made previous donations to Project SEED! If you would like to help us tell the story of Project SEED or share why you decided to donate, please contact Sarah Mullins at [projectseedmn@gmail.com](mailto:projectseedmn@gmail.com) or on Twitter @projectseedmn @MinnesotaACS.



## Minnesota ACS section to host 2021 Great Lakes Regional Meeting

The Minnesota section will be hosting the great lakes regional meeting here in the Twin Cities in 2021. As we are just starting this process we are looking for ideas and volunteers to help facilitate this meeting. We are looking for planning committee members: program chair, undergraduate activities chair, social events chair, fundraising chair. We will also be looking for members that would be interested in organizing seminar sections around topics of interest. If you have any ideas, input or would like to volunteer or help organize a part of this meeting contact James Wollack ([jwollack@stkate.edu](mailto:jwollack@stkate.edu)) or Ramesh Kumar.

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If you have content for The Minnesota Chemist, please send it to Matthew Hammers, Editor ([mhammers@umn.edu](mailto:mhammers@umn.edu))

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