

# The Minnesota Chemist



## Chair's Corner

Greetings!

This Fall we begin to settle into our new post-Covid normal, almost the same as the old normal, but with more hand-washing and more regard for the importance of public health monitoring.

In August, ACS Local Section sponsored travel to the ACS National meeting through the travel awards. Graduate Student Travel Grantee Jason Linn, (Department of Chemical Engineering and Materials Science, University of Minnesota, advised by Michele Calabrese) presented his work "Chain architectural effects on the solution phase assembly and thermal responsivity of aqueous PNIPAM/silyl methacrylate copolymers" and PUI/CC Grantee Dr. Dmitry Kadnikov (Department of Chemistry and Physics, University of Wisconsin – Stout) presented his work "Second-generation synthesis of small-molecule chemical probes for detection of citrulline." A Travel Award was also given to the members of the Joint Safety Team at the University of Minnesota to present "Vertical safety engagement through new community connections committee of the UMN joint safety team."



Our local section had two face-to-face meetings in the past few weeks. On September 8<sup>th</sup> we had a Local ACS Section Award Meeting at the Bad Weather Brewing Company. Dr. Angela Osuji (Washburn High School) received the 2022 High School Chemistry Teaching Award and gave a talk "Chemistry and Chemistry Education without justice and justice education is a single story." Dr. Sarah Mullins (3M) received a 2022 Janet Tarino Volunteer Award. Dr. Nicholas Schlotter (Hamline University) has received a 2022 Lyle Hall Senior Chemist Award. We also celebrated our 50-year ACS members Dr. Bill Tourek and Dr. Carl Polnaszek. Thanks go to Dr. Ramesh Kumar and Dr. James Wollack for organizing the meeting.



Later that week, on September 10<sup>th</sup> we had an ACS Family Day at the Mendakota Park. Local Section members and community affiliates brought their family members to the event organized by Dr. James Wollack and Dr. Rebecca Guza. The children had an opportunity to try their hand at several chemistry activities, as well as to enjoy the bounce house. Any ACS Family Day won't be complete without liquid nitrogen ice cream! Every child has also "won" the raffle and took home a scientific toy or kit!



Our next Local Section activity is coming up on Thursday October 13<sup>th</sup>, 7-8 pm. Dr. Dan Kuespert of Johns Hopkins University will give an online seminar "Job Design for the

"Hidden" Disabled Professional." Dr. Kuespert is also a 2022 Chair-Elect of the ACS Division of Chemical Health and Safety. He is also authored the free ACS online course "Foundations of Chemical Safety and Risk Management" and the textbook "Research Laboratory Safety." Registration link can be found below.

ACS Election Season has started! National, District, and Division elections are happening over the next few weeks. Our Local Section would also be conducting its elections soon. In particular, we would be looking for our next Chair-Elect (from industry) and our new Treasurer. Please, contact the Nominations Committee on our website if you are interested in serving as a local section officer.

Please feel free to reach out to me or the other officers and committee members at any time if you have suggestions, ideas, or needs that we can support at <https://www.mnlocalsectionacs.org/contact-us>.

Best wishes for the Fall!  
*Ekaterina (Katya) Kadnikova*

---



## Local Section Event: Job Design for the “Hidden” Disabled Professional

**Who:** Daniel R. Kuespert, PhD, CSP  
**When:** Thursday, October 13<sup>th</sup>, 7-8 pm  
**Where:** Virtually over zoom  
**Registration:** Free through [this link](#).

**Abstract:** Many disabilities are “hidden,” that is, not immediately evident to the untrained observer. Limitations such as chronic fatigue syndrome, neurological disorders, and mental disabilities such as serious mental illnesses fall in this category, and in some cases, workers with disabilities are not willing to disclose that status. Depending on the design of the workplace, this may or may not introduce occupational safety issues. How does one design work and a workplace both safe and welcoming to those with hidden disabilities? The answer lies in examining and questioning design assumptions that rely on workers being fully abled.

**Speaker’s biography:** Dr. Kuespert has been a research engineer, an officer of a trade association, and a chemical safety consultant, among other things. An alumnus of Johns Hopkins University, he received his PhD in chemical engineering in 1994. He has helped to develop R&D 100-winning environmental technology, managed the creation of American National Standards, and spent 15 years in chemical process safety consulting, helping chemical and food facilities avoid catastrophic incidents. He is also a Certified Safety Professional. Dr. Kuespert is currently Laboratory Safety Advocate at Johns Hopkins University, and he is Director of Core Facilities & Safety for the engineering school. In the first role, he serves the university internal technical consultant on lab safety matters, works to enhance the campus safety culture, and teaches safety classes. In the

latter, he manages the engineering school's portfolio of core research capabilities to help the school best achieve its strategic goals. He also serves as 2022 Chair-Elect of the ACS Division of Chemical Health & Safety, as well as an Associate Member of the ACS Committee on Chemical Safety. He was principal author of the free ACS Foundations of Chemical Safety and Risk Management online course, and he was the author of the textbook Research Laboratory Safety.

## Chemistry Job & Recruiting Fair

The Minnesota Local Section of the American Chemical Society is pleased to announce our [12th annual Chemistry Job & Recruiting Fair](#)

**When:** 4:00 – 6:00 P.M. on Thursday, November 10<sup>th</sup>, 2022

**Where:** Saint Catherine University in Saint Paul, MN

The 3rd-floor Ballroom of the Coeur de Catherine Building. A map can be found [here](#)

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

**Aerotek, Apex Life Sciences, Experis, H.B. Fuller, Medtronic, Medtox Laboratories, Pace Analytical, Land O'Lakes, Lab Corp, Verum Scientific, WuXi, AppTec, Minnesota High Tech Forum, Sherwin Williams, 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, MN-ACS senior Chemists.**

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

**Schedule:** 4:00 - 6:00 pm; meet with recruiters

5:00 pm; 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.



National  
Science  
Foundation



NSF Center for  
Sustainable Polymers

**CSP Lectureship in  
Sustainability**



## Plastics Waste and the Circular Economy – 5 Signs of Change

**Who:** [Keefe Harrison](#)

**When:** October 19<sup>th</sup>, 2022 | 7:00 PM CT

**Where:** B75 Amundson Hall, UMN

**Abstract:** Consumers are calling on companies to help stop plastic waste. The public understands that if we don't address the global plastics crisis, [by 2050 there will be more plastics in the ocean than fish](#). On one side, plastics play a critical role in our lives and in reducing GHG output, but the way we use and dispose of them matters. From policy to corporate accountability, data-driven packaging design tools to global pledges, Recycling Partnership

CEO Keefe Harrison will highlight five signs that the Circular Economy is driving a shift in the way companies and the public use plastics.

Register [here](#)



## Live course available for a limited time - Transforming Microaggressions into Microinclusions

The Office of DEIR is offering a training option for those interested in a deeper dive on DEIR topics. Transforming Microaggressions into Microinclusions, is a live, 2-hour virtual course. This course will explore the concept of microaggressions, how it links to unconscious biases, and give you practice to overcome those biases and respond as a bystander. Spots are limited to select volunteer roles (including Local Section and Division Officers) and you must have completed the course Leading Inclusively before enrolling.

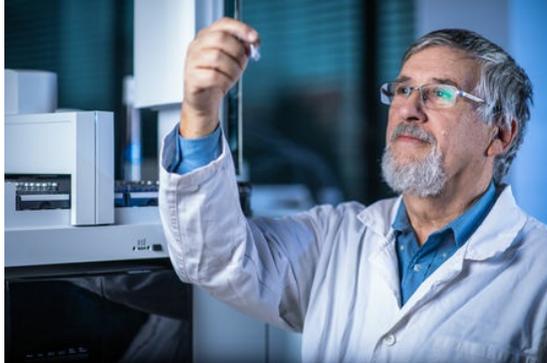
Pre-register quickly, as seats will go fast! Questions can be sent to [diversity@acs.org](mailto:diversity@acs.org).

## Learn About Chemistry's Impact in Mandarin and Arabic

Chemists know how influential their work is to society, but not everyone is aware of these secrets. So tell someone! [The ACS National Historic Chemical Landmarks program](#) helps do just this. And now those who speak [Arabic](#) or [Mandarin](#) can learn about the development of penicillin in the respective languages. There are also [six landmarks translated into Spanish](#).

## Deadline Extended: WCC Local Sections, Student Chapters, and International Chapters!

The ACS Women Chemists Committee invites you to be part of its "95th Anniversary Celebration of the WCC" by hosting an event to commemorate this special occasion and the work of women chemists around the world. To help with the event, WCC is offering a limited number of grants (up to \$100) for any local section, student chapter, or international chapter that wish to host an event. Feel free to include the WCC 95th Anniversary graphic with your invite. [The deadline for applying and hosting an event has been extended to November 1, 2022. Apply today!](#)



## MNACS Senior Chemists

The MNACS Senior Chemists will meet on **Wednesday, October 12<sup>th</sup>**, for lunch and a visit to the Bell Science Museum, 2088 Larpenteur Ave W, St. Paul. All significant others are cordially invited, up to a total of 25 people.

The Museum has a great planetarium as well as science exhibits beyond Chemistry! It is Minnesota's official natural history museum, established by the legislature in 1872 and held in trust by the University of Minnesota. Details of the Museum are available at [www.bellmuseum.umn.edu](http://www.bellmuseum.umn.edu). Masks are optional at the Museum.

We will meet at Stout's Pub and Grill, 1611 Larpenteur Ave W, St. Paul (immediately west of Snelling) at 11:30 AM for lunch. The reservation is for the "American Chemical Society". Order off the menu and pay for your own lunch. Then we will head for the Museum a few blocks away. The plan is to enter the Museum by about 1 PM.

The MNACS Senior Chemists will pay for your admission to the Museum. You will pay for admission to the planetarium show if you choose to go. You can purchase planetarium tickets in advance online or at the Museum at the time of our visit. The price will be \$7 each. Your choice of show times is at 1:30 or 2:30 PM. Check the Museum website for titles of the shows at different times.

**Please respond by October 2<sup>nd</sup>** so we can have a count for both lunch and the Museum. Contact [Lynn Hartshorn](#) or [Todd Williams](#) and tell us:

1. Will you attend lunch with the group at Stout's Pub and Grill at 11:30 on October 12? (Pay your own)
2. Will you visit the Museum with the group on October 12<sup>th</sup>? (MNACS Senior Chemists pays)

For more information, visit the Museum website or contact [Todd Williams](#).

---

---



Updates from ACS National

## Councilor Talking Points

The ACS Council meeting was held in a hybrid manner on August 24, and the Board of Directors meetings were held on August 19 and 20, 2022. The summary of Governance Issues and Actions discussed can be viewed [here](#).

## 2022 National Candidates and Events

The ballots will begin distribution on September 26<sup>th</sup>, and the election will close on October 21<sup>st</sup>, 2022, 12pm CT. If you have any questions contact JoAnn Rhodes at [nomelect@acs.org](mailto:nomelect@acs.org). [Read more](#).

## President-Elect, 2023



Mary K. Carroll



Rigoberto Hernandez

### ZOOM MEET & GREETS:

Sept. 19 @ 4pm ET and  
Sept. 23 @ 11am ET



### ZOOM MEET & GREETS:

Sept 20 @ 4pm ET and  
Sept 22 @ 11am ET



## Call for Nominations | 2024 ACS National Awards

Nominate one of your peers, students, teachers, mentors, or colleagues for a 2024 ACS National Award, recognizing outstanding contributions in chemistry, doctoral research, public service, commercialization of new products, and more! We encourage the nominations of individuals from groups not commonly named as recipients of ACS awards such as women, chemists with disabilities, and people from unrepresented racial and/or ethnic groups, as well as industrial and international chemists. All nominations must be submitted online at [www.nominate.acs.org](http://www.nominate.acs.org).

## Town Hall Meeting on Membership Transformation

In consultation with ACS governance and staff, we have rolled out changes in how we handle lapsed memberships. Starting in April 2022, members who do not pay their dues are automatically moved to the Community Associate category after 60 days. With the launch of the new membership packages and the opportunities this provides the ACS community, we have conducted a series of communications to further explain the membership changes. You may consider viewing a recording of one of our [Town Hall meetings](#) and visiting our [FAQ](#) for additional details. For additional questions not already covered, please send your inquiry to [componentsupport@acs.org](mailto:componentsupport@acs.org). [Read more](#).

## ACS Spring 2023 – Abstracts Open

Submit your abstracts for oral and poster presentations for ACS Spring 2023. The theme, Crossroads of Chemistry, will be at the core of programming.

Sessions for the hybrid meeting will be held in Indianapolis, Indiana, in-person and virtually, March 26 - 30, 2023. Those who wish to submit an abstract will have the option of selecting a virtual or in-person during abstract submission.

Visit the website to find a list of the programming divisions and planned symposia open for submissions.

**The deadline to submit is October 17, 2022.**

## Register for MWRM – Sustainable Chemistry: Leading through change

Register for the Midwest Regional Meeting (MWRM), October 19-21 in Iowa City, IA.

Participate in technical presentations, plenary lectures—focused on sustainable chemistry and the connections between chemistry and glassblowing, workshops, programming geared toward high school teachers, poster sessions, and events with the local Younger Chemists Committee.

Visit the [website](#) to explore the [preliminary program](#) and register.



### Request for Equipment

Dr. Fenton Heitzler is looking for a party who has access to specialized equipment. That equipment is either a prism coupler or ellipsometer, and it must operate at close to either 1310 or 1550 nm. Connections to people with the equipment are preferred over suggestions. If you have any leads please email [Dr. Fenton Heitzler](#).



Visit our Website

Taysir Bader | 207 Pleasant St SE, Smith Hall, Minneapolis, MN 55455

[Unsubscribe bader072@umn.edu](#)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by [bader072@umn.edu](#) powered by



Try email marketing for free today!