

The Minnesota Chemist



Chair's Corner

Spring is near!

With every respite from snow and ice, we are getting longer and longer glimpses of spring. Last weekend we saw someone surfing in Lake Superior just a few hours after the big snowstorm!



Spring is a busy time for our section. Minnesota State Science and Engineering Fair will take place on Friday, March 24th at the Saint Paul River Centre. If you are interested in serving as a judge please contact Lijin Shu or Lyn Hartshorn. Later this month many members of the Minnesota section will be traveling to Indianapolis for the Spring ACS National Meeting. The 2023 Winchell Undergraduate Research Symposium & Annual Meeting of the Minnesota Academy of Science (MAS) is hosted by St John University on April 29, 2023, MIKIW Medicinal Chemistry conference will be at the University of Minnesota on April 28-30.

This month we are collecting nominations for the 2023 Local Section Awards: Janet Tarino Volunteer Award, Lyle Hall Senior Chemist Award, and the Minnesota Award. Nominations are due to Ramesh Kumar by March 31. Look for more details below in the newsletter!

Your local section membership fees along with support from the National ACS are used to sponsor many outreach and professional development activities aimed to support and nurture the next generation of chemists. The local section sponsors travel to the National ACS meetings for undergraduate and graduate students and for the faculty at PUI institutions. We support ACS Project SEED in the summer. We sponsor the above-mentioned Minnesota State Science and Engineering Fair and Winchell symposium, as well as MIKIW medicinal chemistry conference this spring; later this year we will sponsor the MACTLAC meeting hosted at Gustavus Adolphus College, Great Lakes ACS Regional Meeting, and many others. Thank you for your support!

We already have two in-person events on the books for this year: the awards banquet and the ACS Family Day - look for dates and details in the next edition of the newsletter.

Finally, I would like to welcome Dr. Linghong Zhang, who will be taking over the Newsletter Editor duties from our (newly-minted Dr.) Taysir Bader, and to thank Taysir for his many years of service to the Minnesota local section.

May the longer days and warmer weather bring new energy and motivation to pursue your goals and dreams!

Ekaterina (Katya) Kadnikova



Announcing ACS Spring 2023 Keynote Events

Kick off ACS Spring 2023 with the **Plenary session** “Chemistry at the Crossroads: The Development of Asymmetric Organocatalysis and Metallaphotoredox” by Professor Dave MacMillan, Princeton, Nobel Prize in chemistry (2021). **For the Kavli Foundation Lecture Series**, Professor Lydia Kisley, Case Western Reserve University will give The Kavli Foundation Emerging Leader in Chemistry Lecture featuring “Seeing the Molecular World of Materials: Single-Molecule Microscopy at the Crossroads of Chemistry”, and Professor Paula T. Hammond, Massachusetts Institute of Technology will give The Kavli Innovations in Chemistry Lecture discussing “Sticky Particles for Health and Healing.” Register and join ACS Spring 2023, March 26 – 29!

Explore the Meeting Program for ACS Spring 2023!

Register and join the global chemistry community for the hybrid **ACS Spring 2023, March 26 – 30**, in Indianapolis, IN, or virtually. The theme, Crossroads of Chemistry, will be at the core of programming for the event. [Explore the Meeting Program](#) to check out technical sessions, career development, networking, student programming, and more, ACS Spring 2023 has something for everyone! **Image Resources** for spreading the word you're participating in **#ACSSpring2023** are available. Let your peers and colleagues know that you are attending and encourage them to join us!

Now Accepting Abstracts - ACS Fall 2023 & Spring Regional Meetings

Submitting an abstract for ACS Fall 2023 or a Spring Regional Meeting is an excellent opportunity for chemical professionals and students to showcase their work and connect with colleagues in all areas of chemistry internationally or within your region. Abstracts are now being accepted for **ACS Fall 2023, August 13 - 17**, the **Middle Atlantic Regional Meeting (MARM)**, June 9 - 10, the **Northeast Regional Meeting (NERM)**, June 14 -17, the **Central Regional Meeting (CERM)**, June 20 – 23 and the **Northwest Regional Meeting (NORM)**, June 28 -30.

All meetings will feature robust technical programming, networking opportunities, and more!

MN Section News: Call for 2023 MN ACS Awards Nominations

2023 Janet Tarino Volunteer Award

The Janet Tarino Volunteer Award will be given to an individual for outstanding volunteer service to Minnesota ACS, and/or chemistry-related projects and events not directly connected to Minnesota ACS. This person will have demonstrated an exceptional passion for and commitment to community outreach, and dedication to projecting a positive image of chemists. Nominating documents should include curriculum vitae and examples of volunteer service. The award consists of a plaque and a cash award of \$200 which will be presented at the May meeting of the section. Nominations should be emailed to Ramesh C. Kumar, Chair of MN ACS Awards Committee, on or before **March 31, 2023**.

2023 The Lyle Hall Senior Chemist Award

The Lyle Hall Senior Chemist Award is based upon preferably post-retirement professional activities of a member of the Minnesota ACS Section who has entered into formal retirement

from his/her primary job. Professional activities can include volunteer ACS service, volunteer activities in any other scientific organization such as the Minnesota Academy of Science (i.e. Science Fair Judging), professional writing, consulting, and/or research. Nominating documents should include curriculum vitae and examples of volunteer service. The award consists of a plaque and a cash award of \$200 which will be presented at the May meeting of the section. Nominations should be emailed to Ramesh C. Kumar, Chair of MN ACS Awards Committee, on or before **March 31, 2023**.

2023 Minnesota Award of the Minnesota Section of the American Chemical Society

Quality, excellence, innovation, leadership, commitment – colleagues who embody these traits may be outstanding candidates for the Minnesota Award. Please consider nominating a worthy section member for this prestigious award. Previous winners have included Izaak Kolthoff, Robert Brasted, Paul Gassman, Edward Leete, Wayland Noland and Donald Truhlar (University of Minnesota), Courtland Agre (Augsburg College), John Wilson (Economics Laboratory), Frank Bovey, Julianne Prager, Don Hagen, Richard Newmark, Andrew Ouderkirk (3M), George Moore (3M), Tom Hoyer (University of Minnesota) and Dr. Steve Hecht (University of Minnesota), Audrey Sherman (3M), etc.

The Minnesota award was established in 1958 to honor section members who have made an outstanding contribution in chemical research or in service to the profession. The winner receives a bronze plaque and a \$500 cash award and presents an award address to the section (usually in May). The award is given every three years, rotating with the Brasted Award for Excellence in College Teaching and the Award for Excellence in High School Teaching.

The nomination procedure is simple – submit a nomination letter, copy of curriculum, vitae or resume of the nominee, and up to four supporting letters to the chair of the Awards Committee, Ramesh C. Kumar, at rckumar0051@gmail.com. The nomination package should emphasize the nominee's achievements. The deadline for completed nomination packets is **March 31, 2023**.

MN Section News: The first Chemists-in-the-Library event of the 2023 series was a success!

Yes, it is hard to believe, but after a hiatus of three years, we are restarting Chemists-in-the-Library with a full schedule for the entire remaining year! Very exciting! Our first event took place in Hosmer library event on March 4th with great attendance from families and individuals! Everyone enjoyed learning chemistry while making color-changing bracelets, fake snow, bouncy ball, and more!



Our next event is at 1:30-3:30 pm on April 15th at Webber Park Library (4440 N Humboldt Ave, Minneapolis, MN 55412. See map: [Google Maps](#))

Fun fact, we have not been at Webber Park library for 13 years!

If you are interested in volunteering in our future events, please contact Prof. Phil Buhlmann at buhlmann@umn.edu

Chemists-in-the-Library Events 2023

4 March 1:30 PM: Hosmer library

15 Apr 1:30 PM: Webber Park

20 May 1:30 PM: Franklin, Minneapolis

17 Jun 1:30 PM: North Regional, Minneapolis

22 Jul 1:30 PM: East Lake, Minneapolis

19 Aug 1:30 PM: Brookdale

16 Sep 1:30 PM: Brooklyn Park

21 Oct 1:30 PM: Minneapolis Central Library

18 Nov 1:30 PM: Oxboro

9 Dec 1:30 PM: Roseville

MN Local Section News: Goodbye to the section from Taysir and a Hello from Linghong

I have recently defended my Ph.D. from the Distefano Lab in the Chemistry department at the University of Minnesota, and have relocated to Boston to start a new job. It has been my absolute pleasure to serve the local section since I took over as the newsletter editor back in 2018. I leave you in the capable hands of Linghong Zhang, who has put together this newsletter, and I am sure she'll continue to do an excellent job in putting together future ones.

-Taysir Bader

Hello everyone, this is Linghong! I moved to MN last year after ~3.5 years in Boston (sounds like Taysir and I just switched locations), and am currently a chemist working for 3M. It is a great pleasure to be the next newsletter editor!

-Linghong Zhang



Counterpoint: State's been lowering education standards for a long time

And a new proposal would make science classes differ across districts, hurting students along the way. Read an [article](#) published in Minnesota StarTribune by Chuck Wheeler Handlon, Education Committee Chair of the American Chemical Society, Minnesota Chapter.



MNACS Senior Chemists

A group of MNACS Senior Chemists visited the Science Museum of Minnesota on Thursday, February 16 for a special visit with the museum paleontologist, Dr. Alex Hastings. He took the group "behind the scenes " into a vast collection of fossils, and also showed us the paleontology lab, where he answered many questions from the group. After the visit, we went to DeGideo's for lunch. Thanks to Tom Ostertag who volunteers in the Paleontology Department at the Museum, and also to Ken Latham for assisting with the arrangements for this outing, which was enjoyed by all.



A reminder that any retired/senior MNACS member or spouse is welcome to join the Senior Chemists on our outings. Watch out for the announcement of the next trip, in the Spring.

Lynn Hartshorn, Co-ordinator MNACS Senior Chemists.



Tenure Track Assistant Professor in Organic Chemistry Opportunities at Hamline University

The Department of Chemistry at Hamline University in Saint Paul, Minnesota invites applications for a full-time tenure track assistant professor of Chemistry to begin August 2023. We are looking for a broadly trained scientist in organic chemistry. Successful applicants must have a PhD in chemistry or a closely related field by the start date (August 2023). Primary responsibilities include teaching organic chemistry and associated organic chemistry laboratory courses. Additionally, it is expected that on occasion the applicant will be able to teach any of the following: advanced courses in the candidate's area of expertise, a non-majors chemistry course, and a course in our first-year seminar program (a topics course introducing new students to Hamline and critical thinking). Hiring preferences would be for applicants with research interests that overlap with some of the following areas; polymer chemistry, forensics chemistry, environmental chemistry, chemical biology, biochemistry, or health sciences. Other duties include service to the department and University and research in the candidate's area, including academic advising to students. The Chemistry department has four full-time faculty members and graduates approximately 10-15 majors annually, many of whom pursue professional degrees, advanced study, or other related careers in chemistry.

Link to Hamline Job Ad for the Organic Position is [HERE](#)



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