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MN Chemist 2020 Issue 2

2 messages

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Wed, Feb 26, 2020 at 1:32 PM

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The Minnesota Chemist

Official Publication of the Minnesota Section of the American Chemical Society

Issue 2, February 26th



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Greetings from the Chair

Winter is nearly over and spring will be here soon. Our section has had a very active winter. Those of you that actively use the social media sites of twitter, Instagram, and face book may ask to follow us through these sites instead of email. We are now posting all meeting events on these three sites.

Please note. As you read through our newsletter, be aware that there are several grants, scholarships , and other activates that must be responded to or completed by the end of this month.

Also note that we are accepting nominations for several prestigious chemistry awards including the 2020 Minnesota, Lyle Hall, and Janet Tarino Awards. Nominations must be submitted by March 17th.

On **January 22nd**, the chemistry department at the University of Minnesota hosted our section at Smith Hall. Dr. Jason Goodpaster gave an excellent presentation on Machine Learning in Quantum Chemistry. We had around fifty members in attendance. See the photo of Dr. Goodpaster and his research group below.

I was pleased that Dr. Mary Kirchhoff, Director of the ACS Green Chemistry Institute, accepted my invitation to speak to our section on Green Chemistry at Augsburg University on Presidents Day, **February 17th**. Dr. Kirchhoff spoke about the importance of chemistry in meeting most of the United Nations Sustainable Development Goals. She also addressed questions from many of the students in the audience. We had an excellent turnout of more than sixty attendees.



Dr. Jason Goodpaster with his UM research group



Dr. Mary Kirchhoff at Augsburg University

Moving forward to **March**, our section will participate in the annual Minnesota Technical Symposium with nine other technical and scientific organizations. The purpose of MinnTS is to provide a venue for local technical professionals to gather for networking, dinner, and technical presentations by local experts. Speakers are typically chosen from the local area to minimize costs. Because of the wide diversity represented by the sponsoring organizations, speakers are chosen to present a range of general interest topics. This year MinnTS will be held at the Ecolab campus on Thursday night March 19th. For further information and to purchase tickets go to our website at <https://www.mnlocalsectionacs.org/meetings>.

I have just completed scheduling our **April** sectional meeting. I am pleased to announce that I have invited two experts, Dr. Jim Tung, founder of the Oregon Science Startup Forum, and Dr. Carla Pavone, Program Director for the UM MIN-CORPS program to speak on the topics of entrepreneurship and startups. I have titled the meeting Opportunities in Chemistry: Have you considered a Chemical Startup? Our target audience is anyone who has ever dreamed or thought about working in or running their own company; industrial chemists, researchers, faculty members, grad students, and STEM majors. I have reserved the Discovery Nexus area at the McNamara Alumni Center on the UM campus for Monday night April 6th. Details and registration are available at <https://www.mnlocalsectionacs.org/meetings>.

Upcoming Events



March 19th Event: Minnesota Technical Symposium, Ecolab's Schuman Campus

In early March, our section participates with 7 other metro area professional societies in the Minnesota Technical Symposium (MinnTS). MinnTS was started for the purpose of providing a venue for local technical professionals to get together for networking, dinner, and technical presentations given by local experts. The MinnTS steering committee is currently working out the details of the symposium, but it will be held at Ecolab's Schuman Campus in Eagan again this year.

Topic will be **Wearable Technologies**. Speakers and abstracts as well as further information can be found at <http://www.minnts.org/>.

Date: Thursday, March 19, 2020

Location: Ecolab Schuman Campus, Innovation Center
655 Lone Oak Drive
Eagan, MN 55121
Google Map
Enter through Building F
Schuman Campus Map

Cost: \$30.00

Reservations: Reservations can be made via PayPal here <http://www.minnts.org/>. Deadline for reservation is Sunday, March 15th. If you prefer not to register online, you may register by phone to David Burleson (MMS Treasurer) 651-795-5887 (9 am - 5 pm)

Schedule:

4:30 Ecolab Tours Begin
5:15 Last Ecolab Tour Departs
5:00 - 6:00 Registration, Social with Refreshments and Light Appetizers
6:00 - 7:00 Dinner
7:00 - 7:15 Welcome message, Introductions
7:15 - 8:00 Dr. Lucy Dunne
8:00 - 8:15 Break
8:15 - 9:00 Dr. Dave Fabry - Reimagining hearing aids by providing a gateway to health and wellness

Dinner Menu: Sauteed Chicken Marsala, Mashed Potatoes, Salad, Fresh Vegetables, and Dessert



Senior Chemists Group

April Senior Chemist Special Event: Tour of the Bell Museum, **Wednesday, April 1st**.

Meet at the Stouts Pub, [1611 West Larpenteur Avenue, St Paul](http://1611westlarpenteuravenue.com) at 11:45 for self-paying lunch. Parking is limited. Contact me for possibility of car-pooling.

Drive to Bell Museum, [2088 West Larpenteur Ave](http://2088westlarpenteurave.com), for 1:30 PM tour. There is no charge for this. Stay as late as you want. Parking is available for \$5.

RSVP required by March 11th to Lynn at lghartshorn@stthomas.edu copying Ken Latham lathamke@mac.com. Guests are welcome.



Volunteer
Opportunities

Competitions Within The MN ACS section

Minnesota State Science Fair (Minnesota Academy of Science)

Benilde-St. Margaret's School in St. Louis Park---March 27

Winchell Undergraduate Research Symposium /Annual Meeting of Minnesota Academy of Science

Crown College in St. Bonifacius, MN ---April 25

For further information on science bowls, science fairs, and the Winchell Symposium, contact Wayne Wolsey at wolsey@macalester.edu.



Volunteer
Opportunities

Scholarships Through the ACS Scholars Program

The [ACS Scholars Program](#) is offering renewable scholarships of \$1,000 to \$5,000 per year for African American, Hispanic/Latinx, and Native American students majoring in chemistry-related fields and pursuing chemistry-related careers. The program also pairs students with academic and/or professional mentors. Scholarship applications will be accepted online at www.acs.org/scholars through **March 1st**, 2020, for the academic year 2020-21. Additional information is available by calling 1-800-227-5558, extension 6250, or by emailing scholars@acs.org.



Volunteer
Opportunities

Great Lakes Regional Meeting - June 2021

June 6th - 9th 2021 at Augsburg University, Minneapolis MN

We are currently looking for volunteers to do the following:

1. **Webmaster** – Use a wix account to post items relevant to the regional meeting.
2. **Session chairs** – Members that are interested in a certain topic can volunteer to run a session. These volunteers will then solicit people to register for the meeting and contribute papers on the session topic. We would like to hold sessions on green chemistry, sustainability, macromolecules, small business, chemical safety as they are related to our possible themes.

Anyone interesting in organizing a session on these or other topics please contact James Wollack (jwollack@stkate.edu).



MN ACS Supported Grants

National Meeting Travel Grants

Travel grants to graduate students and faculty who are studying or working in the areas served by our section are available for both the Spring and Fall National Meetings. Two travel grants of \$500 each are available for graduate students and one travel grant of \$500 is available to a faculty member at a liberal arts or community college for the spring ACS meeting in Philadelphia March 22-26. Application materials are available at <http://nmr.chem.umn.edu/GradTravelGrantApp.doc> and at <http://nmr.chem.umn.edu/PUICTravelgrant.doc>

Note that you must already be registered for the national meeting to apply. Applications must be submitted by Feb 28th for the spring meeting. FFI contact Letitia Yao, Grad and PUI Faculty Travel Grants, at yaoxx006@umn.edu

Undergraduate Travel Supplement Awards are also available through MN ACS. This year, the Chemistry Department Chairs at Hamline University, Macalester College, St Catherine University, and Minnesota State University-Mankato will each receive \$500 to support travel expenses to a National ACS meeting for one student making a presentation at the meeting. FFI contact W.Wolsey at wolsey@macalester.edu

Outreach Grant Availability

The MN section has grant money available to support appropriate outreach programs and initiatives. However, the amount and number of grants is limited. We strongly encourage applications outside the TC metro area. If you wish to be considered for a grant, submit a brief summary or description of your proposal for our consideration. Contact Bruce Bear at brucebear@msn.com for more information.

Call for Nominations: MN ACS Awards

Call for Nominations – 2020 Minnesota Award of the Minnesota Section 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 to 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 Onderkirk (3M), George Moore (3M), Tom Hoye (University of Minnesota) and Dr. Steve Hecht (University of Minnesota).

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 \$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 nominating 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 17th, 2020**.

Call for Nominations – 2020 The Lyle Hall Senior Chemist Award

The Lyle Hall Senior Chemist Award is based upon 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. Nominations (including no more than 2 seconding letters) should be sent to Ramesh C. Kumar at rckumar0051@gmail.com. A CV is useful. The Awards Committee may also select an award recipient, based upon their collective knowledge of the activities of an individual. The deadline for completed nomination is **March 17th, 2020**.

Call for Nominations – 2020 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 which will be presented at the May 2020 meeting of the section.

Nominations should be sent to the Chair of MN ACS Awards Committee, Ramesh C. Kumar at rckumar0051@gmail.com before or on **March 17th, 2020**.



Professional Development: Women in Entrepreneurship Conference - February 28th

MN Cup and the Holmes Center for Entrepreneurship will present the annual Women in Entrepreneurship Conference. This year's conference will focus on growth, featuring practical, actionable insights from female founders about how to grow and scale a business. Register and see the full agenda and list of conference speakers. 10:30 a.m.-3 p.m., Carlson School of Management.

<https://www.eventbrite.com/e/women-in-entrepreneurship-conference-tickets-89593646007>



Professional Development: UMN Job & Internship Fair - February 28th

Friday, February 28, 2020 10 a.m. – 4 p.m.
Minneapolis Convention Center

jobfair.umn.edu

Explore unique job and internship opportunities in a variety of industries. Connect with 300+ employers. The fair is open to all UMN undergraduates, graduate students and recent alumni (graduated in the past three years).

Admission is FREE! Questions? Let us know at jobfair@umn.edu or 612-624-7577.

Participants will have access to:

- 300+ organizations recruiting for hundreds of jobs and internships.
- Transportation provided to and from campus.
- Professional headshot photos.



Employment Opportunities/Internships: Green Chemistry & Engineering Grant

The Minnesota Pollution Control Agency (MPCA) is offering a \$10,000 grant to support a Minnesota facility or organization in hosting a Green Chemistry & Engineering Intern in summer 2020. Eligible projects advance the process or practice of green chemistry and engineering within the host organization. The intern's time (10-12 weeks, starting approximately May 1st) can go to improving products, or to developing tools which support wider use or sales of products with green and safer chemistries

Intern candidates can be local or come from across the U.S., with at least an undergraduate degree in a STEM field. Application materials are available at <https://www.pca.state.mn.us/waste/green-and-safer-product-chemistry-grants>. The deadline for applications is March 6th.



Employment Opportunities/Internships: Full Time Stockroom Manager, Hamline University

Hamline University is looking for a full time stockroom manager. We are looking for someone with experience in chemical storage, management and disposal. This is a staff position. Pay is commensurate with experience. More information can be found [here](#) or by contacting Rita Majerle via email at rmajerle01@hamline.edu.



Fellowships: ACS Green Chemistry Institute

The ACS Green Chemistry Institute is now taking applications for a new fellowship! The Heh-Won Chang PhD Fellowship in Green Chemistry is awarded to full-time graduate students around the world who are currently conducting research in green chemistry. Applicants must have at least one full year of study remaining in their graduate program. Contact the Green Chemistry Institute for further info gci@acs.org.

If you have content for The Minnesota Chemist, please send it to Taysir Bader, Editor (bader072@umn.edu)

Taysir Bader <bader072@umn.edu>
To: CHEM-ALLUSERS@lists.umn.edu

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Best Regards,
Taysir Bader