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The Minnesota Chemist

Official Publication of the Minnesota Section of the American Chemical Society

Issue 4, September 2019



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Facebook - American Chemical Society - Minnesota Local Section Group

Instagram - @mnacsocial



Greetings from the Chair

Hello Minnesota chemists. We have a full slate of activities scheduled for the fall. There is a family day and career fair in September, a chemistry history seminar in October: The history of Markovnikov and his rule, a report on the state of science/chemistry as viewed by the world in November, and a social in December at Mancini's in St. Paul.

I would also like to take time to congratulate the section's new ACS fellows, Philippe Buhlmann and Marc Hillmyer. Approximately 1-2% of ACS members are designated fellow status for outstanding achievements and contributions to science, the chemistry profession, and the American Chemical Society. They join over a dozen other chemists in our section that have earned fellow designation.

Other big news is that Augsburg University was selected as the host site for the 2021 Great Lakes regional meeting. This meeting will be held at the University on June 6-9th, 2021. Please let me know if you would like to be involved in the planning for this meeting.

Finally, MN-ASC election season is coming up. If you would like to be more involved, the section is looking for candidates to run for secretary, chair-elect (academic), councilor, and nominations committee. Please see the article on elections for information about these board positions. Note that if you choose to run past and current members will assist you with your duties. Serving on the local board is a great way to pick up new skills and network with other local chemists.

Dr. James Wollack
Associate Professor of Chemistry, Chair
St. Catherine University

Upcoming Events



ACS Fall Family Day - September 7th



An event specially put on for parents who are also chemists to share their love of chemistry with their children while networking with other moms, dads, and professionals in chemistry!

Enjoy a fun filled afternoon with your children, grandchildren, nieces and nephews, or any other children in your life. The event will give both children and adults the chance to experience chemistry on both the micro and macro scale. The afternoon will have many fun and safe demos and activities your children can do on their own or with some help. There will be **SLIME**, penny polishing, magic sand, **chemistry art projects**, a pool of **obleck**, **snow in September**, and **much more!** For a break, liquid nitrogen ice cream will be made. The event will close with a raffle of science related prizes so that the fun can continue at home!

Date: Saturday, September 7th, 2019

3:50 – 4:00 pm: Arrival/Sign In
4:00 – 4:40 pm: Kids Activities and demos
4:40 – 5:00 pm: Liquid Nitrogen ice cream
5:00 – 5:30 pm: Kids Activities and demos
5:30 – 6:00 pm: Closing demo, announcements, and raffle

Location: Highland Park Picnic Shelter – by playground
1227 Montreal Ave
Saint Paul, MN 55116

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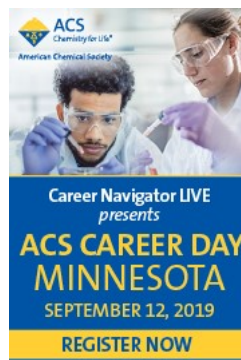
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Upcoming Events



ACS Career Day – September 12th



This year the 8th annual MN-ACS career day is a daylong event sponsored by National ACS. It will provide programming in the morning about resume building and networking. This will be followed by a networking lunch and the typical employer showcase in the afternoon. Registration is required and free regardless of membership status. The only exception to free registration is 1:1 ACS career consulting which will only be available for members.

08:00-08:30	Registration and Breakfast
08:40-11:00	Workshops: Career Transitioning and Resume building
11:05-11:30	Leveraging ACS to Build Your Career
11:35-12:00	Networking: How to get started
12:10-01:00	Networking Lunch
01:00-04:00	Employer show case of companies and ACS career consulting**

**ACS career consulting requires ACS membership. Career consulting appointments allow ACS members to schedule 1:1 mock interviews and resume review. A special offer will be going on during the fair where you can save 50% on ACS membership when you join during career day Minnesota.

The career day will be on **Thursday, September 12th, 2019** at **Saint Catherine University** in Saint Paul, MN, in the 3rd floor Ballroom of the Coeur de Catherine Building.

Register by **September 6th** at:

<https://www.acs.org/content/acs/en/careers/career-fair/minnesota.html>

Upcoming Events



Senior Chemists Lucnh - September 18th

The First lunch meeting of the Senior Chemists Group of the Minnesota ACS will be held on **Wednesday, September 18th** from **11:30am to 1:30pm** at the **Green Mill Restaurant** on **Hamline and Grand Avenue** in **St .Paul**. We will meet in the private room at the back of the restaurant. We will order from the menu. Parking is available in the Green Mill Parking lot, about 50 yards west of the restaurant on the north side of Grand Avenue, or on the street. All are welcome, including people who have not been before but would like to meet with other senior chemists. You do not have to be retired, though many of us are.

If you would like to give an informal 20-minute talk related to science: not a research talk, but a more general talk, then please let Lynn know since she does not have a program yet. Email her at lghartshorn@stthomas.edu.

Other topics for this September meeting will be: A discussion of future lunches, tours, talks, book reviews etc. Possibilities include a behind the scenes tour at the Science Museum of Minnesota, touring the new Bell Museum, touring another brewery, volunteer opportunities, talks by people you know who have something interesting to tell us, etc.

Some good news: Lynn was awarded a grant of \$500 for our senior chemistry group by the National ACS. One of the topics we will discuss in September is how the group would like to spend this money.

PLEASE MAKE RESERVATIONS WITH KEN LATHAM as well as Lynn, since Lynn will be travelling in the UK until September 6.

Ken's email is lathamke@mac.com

Make your reservations by **Friday, September 13th**. We are looking forward to seeing everyone after the summer break! Lynn Hartshorn: lghartshorn@stthomas.edu

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. **Undergraduate program coordinator** – Will coordinate undergraduate events and

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chemistry are represented. This volunteer would serve on the Executive planning board for the meeting.

3. **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.

4. **Logo design** – This artistic member would design a logo for the meeting to help advertise. The logo would reflect the Minnesota section.

Please contact James Wollack if you are interested in any of these volunteer opportunities (jwollack@stkate.edu).



Upcoming Events



History of Markovnikov and His Rule - October 2nd

Location: Shoreview public library, 4560 Victoria St. N, Shoreview, MN.

Time: 06:00 - Dinner
07:00 - Seminar

David Lewis from UW Eau Claire will speak on the origin of the Markovnikov rule.

Many key contributions to the field of chemistry happen to have been made by Russians. Specifically, in the field of organic chemistry, the history of Russian influence is hard to overstate. Her the winner of the 2019 Markovnikov medal from Moscow State University will speak on Markovnikov, the origin of his famous rule, and his experiences examining Markovnikov's laboratory notebooks.

Sign up starting **September 1st** at <https://www.mnlocalsectionacs.org>.



Upcoming Events



Chemistry of Art and Artifact Restoration - October 11th and 12th

St. Catherine University in St. Paul, MN would formally like to invite you to **MACTLAC 2019** on **October 11th and 12th 2019**. The theme for this year's conference is "*The Chemistry of Art and Artifact Restoration*". There will be speakers on this topic from both the Minnesota Historical Society (Thomas Braun/Friday afternoon) and the Science Museum of Minnesota (Rose Kubiawicz/Sat morning). In addition to these plenaries a key note address will be given by the director of the Beyond Benign Green Chemistry Education group (Irv Levy/Fri evening). He will talk about ways to incorporating green chemistry and toxicology into the curriculum at PUIs. This year's breakout sessions will include:

- Microwave chemistry in laboratory instruction
- Green polymer chemistry
- X-ray crystallography research and applications at PUIs
- Mass spectrometry in the undergraduate curriculum and research
- The Green Chemistry Commitment: Green chemistry and toxicology
- Chemistry and study abroad
- Undergraduate research at PUIs
- Subdisciplinary topical sessions

Registration, sponsorship and membership renewal is now open at the following link:

https://katepay.stkate.edu/C20594_ustores/web/store_cat.jsp?STOREID=58&CATID=67&SINGLESTORE=true

For a detailed schedule email of events email jwollack@stkate.edu

Registration and Fees:

\$25 for MACTLAC members

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MACTLAC

MIDWESTERN ASSOCIATION OF CHEMISTRY TEACHERS IN LIBERAL ARTS COLLEGES



MN-ACS Elections

Want to be more involved. Run for MN-ACS officer positions. Please notify a member of the nominations committee if you would like to run by **September 15th**.

William Pomeranz - University of MN representative (wcp@umn.edu)

Ramesh Kumar – Industry representative (rckumar0051@gmail.com)

Marc Scholten – Small school representative (mscholten01@hamline.edu)

Secretary: The secretary takes minutes at all executive committee meetings and sends them out to the webmaster and exec list serve. They also are in charge of sending election results in to the national office. Average time commitment 3-5 hours per month. (Two year term)

Councilor: Councilors represent the section at national meetings and are expected volunteer for local section committee and sub committee assignments. The councilors report back legislation discussed at the national meeting. (Three year term)

Chair – Must be from academia for this term: The chair is the face of the section. They are in charge of planning and running monthly section meetings (Jan 2021 to Dec 2021) with the direction and assistance of the executive committee. The section will pay to send the chair-elect to the national ACS leadership training in January after their election. This training will highlight the structure of the ACS, the role of local sections, and how the national office supports the programming and outreach of local sections. The chair submits an annual report. Writes a bimonthly update for the MN Chemist. (Three year term chair elect/ chair / past chair) Time commitment 8-12 hours per month during year of chair term. 1-2 hours per month for year when chair elect/past chair.

Nominations Committee: Locate and nominate sections members for offices. Compiles bios of candidates and sends them for publication in the MN-Chemist.

Upcoming Events

Association of Laboratory Managers Leadership Development Conference - October 21st-24th

Association of Laboratory Managers Leadership Development Conference
October 21-24, 2019 Minneapolis, MN

Experience, Participate, and Learn through Workshops, Presentations, Round Table Discussions by and with experienced laboratory leaders

- > Develop Your Leadership Self
- > Build Your Winning Team
- > Optimize Your Laboratory Capabilities
- > Communicate More Effectively



Featuring Keynote Address by Ben Sands, Sands Leadership

Lead Yourself, First: A 5-Step Game Plan to Help You Become A Leader That Others Want to Follow



Register at <http://www.labmanagers.org/alma2019>

Upcoming Events

3M: State of Science Index - November 12th

Date: Tuesday, November 12th

Time: 06:00 pm - Dinner
07:00 pm - Speaker

Location: Country Inn and Suites -- Maplewood room
6003 Hudson Road, Woodbury Minnesota

Limit: Limited to first 80 registrants

RSVP Deadline: Please sign up by Friday November 8th at noon

Cost: \$15 \$5 (students)

Menu: Dickey's Bar-b-que: Beef brisket, chicken breast, caesar salad, macaroni and cheese, baked potato casserole, buttery rolls, soda, water, dessert. Vegetarian Option (loaded baked potato). Sour cream cheese, butter.

Speaker: **Dr. Jayshree Seth,**
Corporate Scientist and Chief Science Advocate, 3M

Abstract: Science matters to us - at 3M we care about science. We wanted to understand the public's perception around science so we conducted a global third party study called the '3M State of Science Index' and what we found is that science is underappreciated, invisible and taken-for-granted. People don't seem to understand or acknowledge the role of science in their daily lives but have huge expectations for what it should deliver in the future. It is clear science needs advocates! Last year, Jayshree was appointed as 3M's first-ever Chief Science Advocate and she is using her scientific knowledge, technical expertise and professional experience to advance science and communicate the importance and benefits of science in everyday life, helping to make science more accessible and foster a new generation of scientists and science advocates. She will be sharing the results of the survey,

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**RSVP at our new website.**

<https://www.mnlocalsectionacs.org/event-info/november-meeting>

Note some members have had trouble accessing the website with google chrome. If chrom does not work please try a different browser.

Upcoming Events



December Social - December 5th

Date: Thursday, December 5th
Time: 06:00 pm - Social hour (cash bar)
 06:45 pm - Dinner

Location: Mancinni's Char house
 531 7th St W, St Paul, MN 55102

Limit: Limited to first 50 registrants

RSVP Deadline: Please sign up by Monday December 2nd

Cost: \$21 member/guest \$15 (students)

Menu: Choice of steak, chicken, or vegetarian entrée. Plus relish tray, salad, baked potato, garlic toast, coffee/tea/milk, cake.

Network with local chemists, grab a drink, have a good meal, win a door prize.

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

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