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MN Chemist Newsletter

2 messages

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The Minnesota Chemist

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Greetings from the Chair

Hello Minnesota chemists,

I would like to update you on the section's new website. We have had issues with the old website since last December and have changed our website to www.mnlocalsectionacs.org.

This was done in part to problems that we were having with the old site as well as national ACS ending its contract with the old provider. Many thanks to our webmaster, Jenna Lundquist, for facilitating this conversion! You can currently sign up for meetings using the new site. It will continue to be populated over the next couple of months.

- Our April meeting will be a tour of the Land O' Lakes Innovation Center in River falls on **April 11th**. Please RSVP for this event by **Monday April 8th**. Registration is limited to the first 50 applicants.
- May will be our awards banquet. A location site for this is yet to be determined.
- **June 11th** will be our summer social at Flat Earth Brewing at 5:30. Look for registration information for this event in May.

In two years the section will host the 2021 Great Lakes Regional Meeting. We are currently looking for volunteers to do the following.

1. Undergraduate program coordinator – Will coordinate undergraduate events and poster sessions for the meeting.
2. Program chair – This volunteer will help put together the program and them. This person will also assist in recruiting session chairs and making sure all sub-disciplines of 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 me if you are interested in any of these volunteer opportunities (jwollack@stcate.edu).

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

Upcoming Events



April 11 MN-ACS Meeting: Opportunities for Science in Agriculture – Land O'Lakes Innovation Center Tour

Come and join ACS-MN as they discuss opportunities for chemists in agriculture at Winfield United Solutions new \$40 million innovation center in River Falls, WI.

Not all WinField® United research takes place in a field. The WinField® United Innovation Center in River Falls, Wisc. is a state-of-the-art facility that focuses on product discovery and enhancement, gathering agronomic and creating new capabilities. The innovation Center combines many scientific disciplines to look at product application holistically. Included in the evaluation process is the patented Spray Analysis System, one of only a few such systems in existence, which simulates real-world performance of crop protection applications. This includes the use of active ingredients with various spray nozzles and in multiple tank mixes.

<https://www.winfieldunited.com/research-and-innovation/innovation-center>

When: Tuesday, April 11th
Location: [3336 Casey Street, River Falls, WI 54022](#). Meet at main entrance and security guard will check you into the building.
Tours: Tours between 4-4:30, with 30 min presentation/discussion at 4:30.
Appetizers/networking: 5:30 pm St. Croix Lanes, [1153 N. St. Croix, River Falls](#)
Cost: \$10, Student \$5

RSVP at our new website www.mnlocalsectionacs.org by Monday April 8th. *Limited to 50 registrants.*

Upcoming Events



Winchell Undergraduate Science Research Symposium: April 27th

The 2019 Winchell Undergraduate Science Research Symposium (a major part of the Minnesota Academy of Science Annual Meeting) will be held at Century College (White Bear Lake) on **Saturday, April 27**.

The Keynote Speaker is Dr. Jo Handelsman, Professor at the University of Wisconsin-Madison and Director of the Wisconsin Institute for Discovery. She previously was Associate Director for Science in the Obama White House. As founder of the Tiny Earth Initiative, which encourages students in the first two years of college science to be involved in "studentsourcing" of Antibiotic investigations through enrollment in Discovery-oriented laboratory activities at their home institutions, she encourages scientists to work with beginning students. Some of these students will be making presentations in the Winchell Symposium.

Handelsman is coauthor of two books, Entering Mentoring: A Seminar to Train a New Generation of Scientists-2003 (with Sarah Miller, Christine Pribbenow, and Christine Pfund) and Scientific Teaching-2007 (with Sarah Miller and Christine Pfund). Additionally, she is known for understanding implicit biases that shape scientists' attitudes and their behaviors toward other people.

Trained originally as a molecular biologist in plant pathology, she will be giving her keynote presentation "Tiny Earth Network: Studentsourcing Antibiotic Discovery" on **April 27 at 9:00 am**.

Following her talk, there will be two Faculty Breakout Sessions: "The Fallacy of Fairness: Unconscious Biases" and "Bringing Antibiotic Discovery and Research into the Curriculum".

Professor Handelsman encourages those teaching the first two years of college science courses to attend, network, and be involved in the discussion of this new approach. Registration information can be found at: www.mnmas.org

Upcoming Events



Senior Chemists Meeting: April 17

Please mark your calendar for the next meeting of the Senior Chemists. This will be on **Wednesday, April 17** (There is NO March meeting) beginning at 11:15am (note earlier time). We will have a special 40-minute private tour of Studio Distilling at **2380 Wycliff St #140, St Paul, 55114**. See the website <http://www.studiodistilling.com> for information and directions. The cost is \$10 and includes a Glencairn tasting glass and three half oz. pours.

The Senior Group funds will pay the costs of the tour for you! The tour will begin promptly at 11:30 am and finish at 12:10 so you need to arrive a little early, in time to park. When you arrive at **2380 Wycliff**, please drive around "back" through the parking lots and you will see the door with Suite 140 and the Studio Distilling logo.

After the tour, we will go to a nearby microbrewery and restaurant for lunch, called Urban Growler Brewing. This has been recommended as a good casual lunch spot. Look at their website www.urbangrowlerbrewing.com for the menu. Their address is **2325 Endicott St, St. Paul**, about one minute by car or 5 minutes walking from Studio Distilling.

Lunch will be self-paying as usual. Reservations are essential. The last date for reservations is **Friday April 12**, for both the Distillery and lunch. We will assume that you are reserving for both the distillery and lunch unless you indicate otherwise.

Guests are very welcome, as are first time attendees at our group events. Lynn will be out of town the week before April 17, so please copy both Lynn (lghartshorn@stthomas.edu) and Ken Latham (lathamke@mac.com) when you reply.

Upcoming Events



Senior Chemists Meeting: May 15 Save the Date

An advance notice that the May meeting of the Senior Chemists will be at the Sally Manzara Nature Center, in Sunfish lake Park, Lake Elmo, on **Wednesday May 15 at 11:30am**. Tony Manzara, a former 3M scientist who was instrumental in the building of the Nature Center, will give a short talk about his experiments using 3M beads that slow down the melting of ice. Lunch will be a box lunch from the Lake Elmo Inn. Details will be sent our closer to the date. This will be our last meeting before Fall.



Volunteer Opportunities

The Science Museum of Minnesota Looking for STEM Volunteers

The Science Museum of Minnesota is recruiting individuals who are interested in inspiring and engaging visitors of all ages in STEM-based hands-on activities. Volunteers are leaders and facilitators in our galleries, lobby, events, and labs, exploring, learning and sharing the thrilling world of science. The museum is tenaciously committed to ensuring your volunteer experience is extraordinary by providing customized volunteer positions and will work with you to find the best fit for your needs. If you are passionate about science and education and would like more information about volunteering, visit the museum website at <https://www.smm.org/volunteer>.

Please let me know if you have any questions or need any additional information.

Best,
Ronda Maurer

2019 Regional Science Fair Recipients of ACS-MN Special Awards



The following students received a Special Award of \$50/project from the Minnesota ACS Section at Regional Science Fairs (those within the MN Section boundaries), sponsored by the Minnesota Academy of Science, in February-March 2019
Mankato Regional Fair:

Grace Smithback, 7th grade and **Steph Tholen**, 7th grade, "Money Laundry", Dakota Meadows Middle School (Mankato), both from North Mankato, MN. Rochester Regional Fair

Luke Freimuth, 9th grade, "Testing Water along the Zumbro River to Understand How Nitrogen Pollution Affects It", Century High School, Rochester, MN. St. Cloud Regional Fair

Rebecca Kottke, 9th grade, "Transfer on Antibiotic Resistant Genes", Blaine High School, Blaine, MN. Twin Cities Regional Fair (TCRSF)

Meili Gong, 12th Grade, "Waste Not, Want Not: Engineering Water-Stable Bioplastics from Chicken Feathers", Minnetonka High School, Chanhassen, MN.

Thanks to the ACS members who helped judge at these Science Fairs!, including Danae Quirk Dorr at Mankato and Todd Williams and Wayne Wolsey at TCRSF

Regards,
Wayne C. Wolsey, Liaison between MN-ACS and Minnesota Academy of Science

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

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

Mon, Apr 1, 2019 at 10:42 AM

Hello Everyone,

I recently took over sending out the Minnesota Chemist newsletter for the local ACS section, and I thought the department might benefit from being aware of upcoming local ACS events. Let me know if you have any questions.
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Best Regards,
Taysir Bader



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