

# MINNESOTA LOCAL SECTION

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## MAY 8TH, 2018 MEETING + AWARDS BANQUET

The Minnesota Local Section of the American Chemical Society is pleased to announce the upcoming May Meeting and Awards Banquet:

### Shaking up the College Chemistry Lab & Classroom

**Presenter: Dr. Michelle Driessen**, Director of Undergraduate Studies, Chemistry Department, University of Minnesota & 2018 Robert Brasted Award Recipient

**When:** 5:00-6:00pm - Executive meeting

6:00-7:00pm - Social & dinner

6:45-7:00pm - Presentation by Post Doc. Travel Grant Award recipient, Dr. Mona

Minkara

7:00-7:15pm - Awards (Lyle Hall, Janet Torino, Robert Brasted and Membership)

7:15-8:15pm - Presentation by Dr. Michelle Driessen

**Where:** DeGidio's

425 7th St. W, St. Paul, MN 55102

Ample parking available in the main lot or on the street; handicap accessible

**Dinner:** Stromboli, salad, bowtie pasta, mostaccioli, meatballs, dessert, and cash bar

**Cost:** \$20 meal ticket / \$5 student meal ticket

Presentation is free, please RSVP online

To purchase a meal ticket, go to the "Web Store" link. To RSVP to only the talk, go to the "RSVP" link. There is no need to RSVP for the presentation if you purchase a meal ticket.

Send any questions or comments to Arianna Ahl ([amkooyman@gmail.com](mailto:amkooyman@gmail.com) (<mailto:amkooyman@gmail.com>))

**Deadline to register is May 1st, 2018**

[Flyer](http://mnacs.sites.acs.org/2018-Flyers/May%20Flier%202018.pdf) (<http://mnacs.sites.acs.org/2018-Flyers/May%20Flier%202018.pdf>)

### Abstracts

#### **Dr. Minkara**

In my presentation, I will discuss my attendance at the ACS 255th National Meeting & Exposition in New Orleans. I will first summarize the talk I gave on my research on additive loading into a surfactant bilayer using Monte Carlo simulations. Then, I can delve into my experience of sitting on the Chemists with Disabilities committee for the first time. In this committee, I had a front-row seat to discuss issues in chemistry that people in the disabled community face and to contemplate potential solutions.

#### **Dr. Driessen - Shaking up the College Chemistry Lab & Classroom**

Most of us remember sitting through countless lectures and carefully following detailed laboratory procedures during our college years. While we managed to learn in these settings, research shows it is not the best method with which to teach or learn science. The literature shows students learn more and find our field more interesting when we engage them in more active and authentic methods of learning.

My goal over the last decade has been to improve the educational experience and outcomes for students of chemistry. I will share details of the implementation and outcomes of several pedagogical innovations designed to engage students in the learning process: flexible online courses, flipped/hybrid classes, and problem-based laboratories. New grading schemes to demonstrate understanding, rather than class rank will also be discussed.

## **Bios**

### **Dr. Minkara**

I had the privilege to attend Wellesley College where I double majored in Chemistry and Middle Eastern Studies. In my first summer at Wellesley College, I received a National Science Foundation Research Experience for Undergraduates award and continued to receive this award for the next four years. After graduating from Wellesley, I continued research, funded by the Howard Hughes Medical Institute for a year before being awarded a National Science Foundation Graduate Fellowship and moving to the University of Florida for my Ph.D. At the University of Florida, my research focused on biological systems and drug design by using computational chemistry. After receiving my Ph.D. from the University of Florida, I was invited by Professor J. Ilja Siepmann to join his group, where my research focus shifted to studies of surfactants using Monte Carlo algorithms.

## **Members Area**

[Sign In](#) or [Register](#)

## **Upcoming Events**



### **Chemists in the Library**

Saturday, Apr 6 at 1:30 PM - 3:30 PM



### **Chemists in the Library**

Saturday, Apr 27 at 1:30 PM - 3:30 PM



### **Chemists in the Library**

Saturday, Jun 8 at 1:30 PM - 3:30 PM



### **Chemists in the Library**

Saturday, Jun 29 at 1:30 PM - 3:30 PM

## **Featured Products**



- [February 18th, 2019 Meal Ticket](#)

\$15.00



- [February 18th, 2019 Student Meal Ticket](#)

\$5.00

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