

MINNESOTA LOCAL SECTION

SEPTEMBER 13TH: THE CHEMISTRY OF CANNABIS

Speaker: Rachel Loeber, PhD, VP of Laboratory Operations - Leafline Labs, LLC

Location: River Oaks Golf Course, 11099 South Highway 61, Cottage Grove, MN (Warning to Google Maps users: you are likely to be directed to the middle of the golf course (from the North). Use 'River Oaks Weddings' or check the satellite view and you will see the clubhouse on the NE side of the course.)

Time: 5 pm - Executive Meeting; 6 pm - Dinner; 7 pm - Presentation

Cost: \$20 member / \$5 student

Menu: Main - chicken marsala, roast beef; side dishes - mixed green salad, fruit platter, green beans amandine, herb roasted red potatoes; dessert - brownies. **Vegetarian and gluten free options available by request - see web store meal tickets.**

Meal Ticket: Go to the "Web Store" link to purchase meal reservations through PayPal.

Deadline: TBD

Abstract: As of July 1st, 2015, patients in Minnesota with qualifying medical conditions had the opportunity to expand their treatment options to legally include medical marijuana. Over the past year, the program created and governed by the Minnesota Department of Health has grown in both patients count and in number of qualifying conditions, with Intractable Pain most recently added August 1st of this year. Investigations into the chemical composition of *Cannabis sativa* have resulted in the identification of over 400 compounds, including numerous cannabis-specific cannabinoids and terpenes. While the medicinal effects of many of these compounds are not yet known, several key cannabinoids have been shown to reduce inflammation, increase appetite, provide pain relief, and reduce seizure activity. As a chemist in this evolving industry, every day is an adventure. Through this presentation, you will get an inside look into the life of a cannabis chemist and hopefully gain a better understanding of this new and sometimes controversial industry.

Speaker Bio: An analytical chemist by training with experience in chromatography and mass spectrometry, Loeber leads our extraction and formulation team. She earned her Ph.D. in Medicinal Chemistry in the laboratory of Dr. Natalia Tretyakova at the University of Minnesota- Twin Cities and is well versed in the following techniques: HPLC, LC/MS/M, GC, GC/MS and ICP/MS. She enjoys networking with other analytical chemists and has served as Symposium Chair for the Minnesota Chromatography Forum for the past six years.

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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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