



The MMS Scope

Minnesota Microscopy Society

Local affiliate of the **Microscopy Society of America**
and the **Microanalysis Society**

october 2015

In this Issue:

MMS-ΣZ Meeting:

At this year's MMS-Sigma Zeta meeting on November 5, lead UMN Bee Lab apiculture technician Gary Reuter will entertain and educate with a look at the University's Bee Lab. Mark your calendar today and register by 10/28.

Up ahead:

Microscope Day on November 7; BCA lab tour on February 11; MinnTS on March 15; and Spring Symposium on April 29.

New event in Nov:

Math and Science Family Fun Fair, Saturday, Nov. 21.

MMS-SIGMA ZETA JOINT MEETING



Thursday, November 5, 2015



BEE LAB



Gary Reuter

Apiculture Technician
Department of Entomology
University of Minnesota



SCHEDULE on NOV 5

5:30 p.m. Check-in
6:00 p.m. Dinner
7:00 p.m. Speaker



MEETING LOCATION

Bethel University
Community Life Center
3900 Bethel Drive
St. Paul, MN 55112

[map it](#)



RESERVATIONS

Cost: \$10

Deadline: Wednesday, Oct. 28

Reservations may be made via PayPal at the MMS Calendar page:

mnmicroscopy.org/calendar.html



LEARN MORE

University of Minnesota Department of Entomology

entomology.umn.edu

Bee Lab

beelab.umn.edu



Gary Reuter's home page

tc.umn.edu/~reute001

MMS-Sigma Zeta Meeting| A Visit with Beekeeper Gary Reuter

continued



SPEAKER BIO

A longtime hobby beekeeper and trained in technology education, Gary Reuter began working with Dr. Marla Spivak, MacArthur Fellow and Distinguished McKnight Professor in Entomology, when she moved to Minnesota in 1993. Without his hard work, the Bee Lab program would not be what it is today. Gary maintains the research colonies, helps train and work with students in the field, designs and builds specialty equipment and speaks to beekeeping, student and civic groups. He plans the Extension short courses and together with Dr. Spivak, teaches beginning as well as experienced beekeepers. His humorous style of teaching helps the classes stay interested and enthusiastic about a sometimes challenging subject.



Gary is a past president of both Minnesota Hobby Beekeepers Association and Wisconsin Honey Producers Association and director of the American Beekeeping Federation, and remains active in these groups. He still finds time to manage his own colonies, while learning to blacksmith, maintaining an orchard, and helping his wife raise sheep.



CALENDAR of EVENTS

7 NOV 2015

Microscope Day (7th year of participation!)

Minnesota Science Museum

St. Paul, Minn.

12:00 – 4:00 p.m.

No experience necessary; training is on-site.

Free admission to the museum for the day along with free parking and 2 free museum vouchers (general admission + Omni film) for future visits.

Anyone interested in volunteering, please contact Ann Palmer at palme003@umn.edu by Monday, November 2.

Please consider volunteering to help inspire the next generation of microscopists!



21 NOV 2015

Math and Science Family Fun Fair

College of Science & Engineering

University of Minnesota

Coffman Memorial Union

300 Washington Ave. S.E., Minneapolis, Minn.

10:00 a.m. – 4:00 p.m.

cse.umn.edu/r/math-science-family-fun-fair

Anyone interested in volunteering, please contact Ann Palmer at palme003@umn.edu.



11 FEB 2016

Minnesota Bureau of Criminal Apprehension (BCA) Lab Tour

St. Paul, Minn.

3:30 p.m. start



15 MAR 2016

14th Annual MinnTS (Minnesota Technical Symposium)

3M Innovation Center / Executive Forum **new location!**

Maplewood, Minn.

4:00 – 6:00 p.m. Tour of innovation space

Two speakers, one confirmed:

Stefan Lindvall, CEO, Multi-Tech Systems, Inc.

The Internet of Things (IoT)



29 APR 2016

MMS Spring Symposium

Minnesota Science Museum

St. Paul, Minn.





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MINNESOTA MICROSCOPY SOCIETY | MEMBERSHIP FORM

All microscopists are urged to support their Society at one of the membership levels offered below. Often, supervisors will support MMS memberships out of their project budget because they recognize that it is a very inexpensive way to maintain and increase the skills of their microscopists. If you have been a member over the years and recognize the value of MMS to the community of microscopists it serves, consider upgrading your membership this year to the Patron or Sustaining level. Thank you.

Name _____ Dr Mr Ms Phone (____) _____

Affiliation _____ Position _____

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Payment: Check PayPal (Please make your payment via PayPal at

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