



The MMS Scope

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

February 2023

In This Issue:

Winter Tour

Kick off the new year with our winter event, a tour of the **Earl E. Bakken Medical Devices Center** on the University of Minnesota Minneapolis campus happening **March 16**. Hold time on your calendar today and plan to participate.

New Venue for Symposium!

Mark your calendar now and plan to attend the Spring Symposium happening at the Minnesota Landscape Arboretum May 5, 2023.

M&M2023 in Minnesota

Microscopy & Microanalysis is taking place in Minneapolis this year from July 23-27. Mark your calendar now and stay tuned for MMS involvement.

Past Event – Trivia Night

Review the fun or see what you missed at December's gathering.

MMS Member Dues

Please remember to submit your 2022-2023 membership dues.

Cash Flow Statement

See the society's 2022 fiscal review.

WINTER TOUR

Thursday, March 16, 2023
3:00 p.m.



TOUR

The **Earl E. Bakken Medical Devices Center (MDC)** at the University of Minnesota



COST

Free (does not include optional happy hour afterward)



REGISTER

[Register here](#) to be counted.



LOCATION/ MAPS

Bakken MDC
420 Delaware Street SE
G217 Mayo Memorial Building
Minneapolis, MN 55455



- ▶ [Google map](#)
- ▶ [Location/direction info](#)

PARKING: Best place to park is [Washington Ave Ramp or East River Road Garage](#).

MEET UP: Meet at the doors on the corner of Harvard & Delaware to be let in for the tour. (Red X in map at right.)
Patti's phone in case you are late:
(651) 368-5225



Winter Tour | 2023

Earl E. Bakken MDC

continued



Earl E. Bakken
MEDICAL DEVICES CENTER

UNIVERSITY OF MINNESOTA

Driven to Discover®



POST-EVENT GATHERING

Following the tour, we will go out for happy hour at The Beacon Public House, around 4:00 pm.

The Beacon is located inside the Graduate Hotel on the University of Minnesota campus.

Address:

615 Washington Ave SE,
Minneapolis, MN 55414





SAVE THE DATES!



EVENT **MMS Annual Spring Symposium & Poster Session**

LOCATION ★ **Minnesota Landscape Arboretum** ★ **NEW!**

in MacMillan Auditorium

DATE May 5, 2023

REGISTER *Coming soon!*

COST Member: \$75
Student/K-12, Teacher: \$20

THEME **Extreme** Microscopy!

TENTATIVE SCHEDULE

8:30 – 9:15 a.m.	Registration, breakfast, vendor displays
9:15 – 9:30 a.m.	Welcome
9:30 – 10:30 a.m.	Speaker 1
10:30 – 11:30 a.m.	Speaker 2
11:30 a.m. – 12:30 p.m.	Lunch and vendor displays
12:30 – 1:30 p.m.	Posters and vendor displays
1:30 – 1:45 p.m.	Business meeting
1:45 – 2:45 p.m.	Speaker 3
2:45 – 3:45 p.m.	Speaker 4



Watch for the Call for Posters email in early March! Poster session open to undergraduate/graduate students and postdocs.



EVENT **Microscopy & Microanalysis – M&M 2023**

LOCATION Minneapolis Convention Center

DATES July 23-27, 2023

LEARN MORE microscopy.org/MandM/2023



Stay tuned for more information on how MMS will be involved!



PAST EVENT: Highlights from Trivia Night

Members gathered virtually on December 1st for the MMS Winter Social Mixer. The group watched entertaining videos about bowling balls and champagne.

(Did you know the cores of today's bowling balls are asymmetrical so that they curve towards the pins!)



The videos were followed with team trivia. Team Daisy and Team Carnation were neck and neck for most of the contest, but Team Carnation pulled ahead in the last round to win 19-17 and earn the ever-important bragging rights.

Thanks to everyone who attended!



Round 3 – Q1: THE NIGHTMARE BEFORE CHRISTMAS



Round 4 – Question 1

• “Minifigs”, short for the trademarked term “minifigures”, are the plastic people associated with what toy system?

• **LEGO**





MEMBER DUES

The Society is collecting dues. Please remember to submit your annual membership dues.

Thank you!



PROJECT MICRO IS BACK!

MMS has an outreach program where we take microscopes and activities to schools and other events in the community. We are back in action after shutting down during the pandemic and are looking for new volunteers. The main requirement is to show enthusiasm for microscopy. We will train you at your first event and it is really easy to become comfortable with the activities we do. We look at everyday items (e.g., sand, fabrics, crystals, fingerprints, and we have two boxes filled with "Cool Stuff!"). We examine specimens with field microscopes (15X), a Leica EX4D stereoscope (which can capture images that we print for attendees), or a DinoLite digital microscope.

We were part of an event at the Bakken Museum on October 29 where Carol Johnson, Andrew Francis, Reza Jahanbekam, and Jeff Payne engaged about 30 attendees through our activities. We also participated in Hamilton Elementary School's Science Night on November 17, where Stuart McKernan, Steve Axdal, and Jeff Payne guided about 50 attendees.

You are not required to participate in all events if you want to be a volunteer. Email Jeff Payne (jeffrose.payne@gmail.com) to get on the email list and you will be contacted when events come up. We do not have any future events scheduled at this time.





PROJECT MICRO continued





2022 ACCOUNTING

MMS Cash Flow Summary

01/01/2022 through 12/31/22

INCOME	
Dues	
Corporate	2,400.00
Patron	905.00
Regular	610.00
Student	0.00
Sustaining	700.00
Total Dues	4,615.00
Interest Income	8.87
Miscellaneous Income	0.00
Spring Symposium Income	4,585.00
TOTAL INCOME	<u>9,208.87</u>
EXPENSES	
Interest	0.00
PayPal Credit Card Fees	330.34
Insurance	327.68
Meeting Expenses:	
MMS Regular Meeting Expenses	204.82
Total Meeting Expenses	204.82
Miscellaneous	11.60
Newsletter	0.00
Website	1,426.61
Project Micro	231.78
Spring Symposium Expense	7,496.00
TOTAL EXPENSES	<u>10,028.84</u>
OVERALL TOTAL	<u>-819.97</u>



MMS CORPORATE SPONSORS

Corporate Sponsors are the backbone of financial support for the Society. These members make it possible for the Society to support Project Micro and to cover many expenses of the regular meetings and the Spring Symposium. MMS gratefully acknowledges the corporate sponsorships provided by the following companies. To become a Corporate Sponsor, complete and return the MMS membership form at the end of the newsletter.

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If any sponsors are missing from this list, please contact Jason Heffelfinger (763-514-1021, jason.r.heffelfinger@medtronic.com).



MMS SUSTAINING & PATRON MEMBERS

The Minnesota Microscopy Society would like to express sincere thanks to our Sustaining and Patron Members. These members provide financial support to the organization above the standard membership fee. This additional support makes it possible for MMS to maintain its financial well being. To become a Patron or Sustaining Member, complete and return the MMS membership form at the end of the newsletter.

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MMS Board & Officers 2022-2023

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Past-president: Gail Celio, University Imaging Centers, Univ. of Minnesota, 35 Snyder Hall, 1475 Gortner Ave., St. Paul, MN 55108, celio001@umn.edu

President-elect: Daniel Westholm, Dept. of Biology, The College of St. Scholastica, Duluth, MN 55811; (218) 733-2277; dwesthol@css.edu

Secretary: Patricia Sanft, Uponor, 5925 148th St. West, Apple Valley, MN 55124; patricia.sanft@uponor.com

Treasurer: David Burleson, Ecolab, 655 Lone Oak Dr., ESC F64, Eagan, MN 55121; (651) 795-5887; david.burleson@ecolab.com

Student Representative: open

MSA Representative: Gail Celio, University Imaging Centers, Univ. of Minnesota, 35 Snyder Hall, 1475 Gortner Ave., St. Paul, MN 55108, celio001@umn.edu

Project MICRO Director: Jeff Payne, retired, St. Paul, MN 55144-1000; (651) 733-2352; jeffreose.payne@gmail.com

Corporate Liaison: Jason Heffelfinger, Medtronic, 6700 Shingle Creek Pkwy, Brooklyn Ctr, MN 55350; (763) 514-1021; jason.r.heffelfinger@medtronic.com

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MINNESOTA MICROSCOPY SOCIETY | MEMBER INFORMATION 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.

Dr Mr Mrs Ms First Name _____ Last Name _____

Affiliation _____ Phone (_____) _____

Street Address _____

City _____ State _____ ZIP _____

E-mail address _____

(Newsletter notifications will be e-mailed to the address above.)

Are you an MSA member? MAS Member?

Student (\$5-\$9) Basic (\$10-\$24) Patron (\$25-\$99) Corporate/Sustaining (\geq \$100)

Payment: Check PayPal

(Please go to mnmicroscopy.org/membership to make your payment via PayPal.)

Make checks payable to MMS and mail to our Treasurer:

David Burleson, MMS Treasurer

846 Arlington Ave. W, Saint Paul, MN 55117

E-mail: treasurer@mnmicroscopy.org