

# Minnesota Microscopy Society

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

Newsletter

January 2014



## Student Poster Session: UNIVERSITY of ST. THOMAS

“Microscopy Across the Disciplines”



**Date:** Thursday, January 16, 2014  
**Time:** 4:00 – 7:30 pm  
**Location:** University of St. Thomas  
James B. Woulfe Alumni Hall  
Third Floor, [Anderson Student Center](#)  
([2115 Summit Ave.](#), St. Paul campus)

### Poster Session Description

This event features the opportunity to display your latest research involving the use of microscopes. Graduate students and undergraduates are invited to display their poster and be available to discuss the displays. *MMS members are encouraged to attend and engage with student presenters!*

A prize will be awarded to the top presenter/poster. Prizes donated by FEI Company and Hitachi High Technologies America, Inc. A light dinner will be served.

### Registration for Poster Presenters

Send your name, organization, and poster title by email to [reservations@mnmicroscopy.org](mailto:reservations@mnmicroscopy.org). Please submit your poster information by **Tuesday, January 7** to secure a place. Late registration for poster presenters may be accepted through **January 15** on a space-available basis.

### Sponsors

University of St. Thomas School of Engineering  
Minnesota Microscopy Society (MMS)





## 2014:

**January 15**

**What:** **Future Trends in Microscopy Workshop**

**Time:** 8:30 am – 4:30 pm (check-in begins at 8:00 am)

**Location:** Keller Hall 3-111 (first floor), University of Minnesota (East Bank)

**Notes:** This IPrime Mid-Year Workshop is presented by the Nanostructural Materials and Processes (NMP) program and Characterization Facility (CharFac).

**Registration:** Register [here](#) (form closes Friday, January 10, 2014)  
MMS members should register as "MMS Guest."

**March 27**

**What:** **12th Annual Minnesota Technical Symposium (MinnTS)**

**Time:** 5:00 – 9:00 pm

(5:00p registration/social | 6:00p dinner | 7:00p speakers)

**Location:** [Medtronic World Headquarters](#)

Fridley, MN (I-694 and Central Avenue)

**Speaker:** [Dr. Alexander Khoruts](#), Associate Professor of Medicine, Division of Gastroenterology and the Center for Immunology, University of Minnesota

**Topic:** Update on Scientific Development of Microbiota Therapeutics (tentative)

(**Second speaker**, tbd)



Alex Khoruts, M.D.

**Registration Opens:** approx. February 20



**May 2**

**What:** **Spring Symposium**

**Location:** Minnesota Science Museum  
St. Paul, MN

## Minnesota Academy of Science: Science Fair Judges Needed!

[The Minnesota Academy of Science](#) is recruiting more than 300 volunteer judges for their 2014 competitions. The MN State Science and Engineering fair and North Central Regional Junior Science and Humanities Symposium (JSHS) occur annually over the course of four days in Bloomington, MN. High school and middle school students come together for project and paper presentations in a series of competitive judging. The competitions boast more than 500 student participants and hundreds of awards are given.



Volunteer judges view projects and/or papers, score, and provide feedback to students. The MN Academy of Science provides onsite training as well as training guides on their website.

They are looking for judges in the following areas:

- *High School Papers* (March 29, 2014)
- *Middle School Papers* (March 30, 2014)
- *High School Projects* (March 31, 2014)
- *Middle School Projects* (March 31, 2014)

### Competition Details

MN State Science and Engineering Fair / North Central Regional JSHS  
Saturday, March 29, 2014 to Tuesday, April 1, 2014  
Double Tree Hotel, Bloomington, MN

All volunteer judge opportunities, including a description of duties, shift times, expectations and requirements, can be found on The Minnesota Academy of Science website. Please click the following links to learn more.

- » [JSHS Judge Information](#) (Junior Science and Humanities Symposium)
- » [MN State Science and Engineering Fair Judge Information](#)

Contact judge coordinator at [judge@mnmas.org](mailto:judge@mnmas.org) with any questions or if you would like additional information.

**Minnesota Microscopy Society  
Treasurer's Report  
01/01/13 Through 12/31/13**

**INCOME**

Dues by membership type	
<i>Corporate</i>	2,500.00
<i>Patron</i>	775.00
<i>Regular</i>	294.00
<i>Student</i>	5.00
<i>Sustaining</i>	300.00
Total Dues	3,874.00
Interest Income	23.81
MMS Meeting Registrations	4,528.35
Spring Symposium Income	<u>4,275.00</u>

**TOTAL INCOME** 12,701.16

**EXPENSES**

PayPal Credit Card Fees	225.26
Insurance	301.08
MMS Meeting Expenses	3,877.78
MinnTS Expenses	4,136.70
Miscellaneous	29.10
501(c)(4) Application	1,009.62
Newsletter	770.00
Project Micro	519.05
Spring Symposium Expense	<u>4,261.59</u>

**TOTAL EXPENSES** 15,130.18

**OVERALL TOTAL** -2,429.02

## 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 in 2013-2014. To become a Corporate Sponsor, complete and return the MMS membership form at the end of the newsletter.

John Benson	<b>Thermo Fisher Scientific</b>	608-826-9049
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If any Corporate Sponsors are missing from this list, *please* contact Jason Heffelfinger (763-514-1021, [jason.r.heffelfinger@medtronic.com](mailto:jason.r.heffelfinger@medtronic.com)).

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.

### MMS Sustaining Members

Michael Coscio	Medtronic Inc. – Retired	Steven Skorich	Medtronic Inc., Brooklyn Ctr.
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### MMS Patron Members

Tony Anderson	Surmodics, Eden Prairie	Stuart McKernan	3M Company, St. Paul
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### MMS BOARD and OFFICERS 2013-2014



**President:** Larry Hanke, Materials Evaluation & Engineering, Inc.  
13805 1st Avenue North, Suite 400,  
Plymouth, MN 55441;  
(763) 449-8870; [hanke@mee-inc.com](mailto:hanke@mee-inc.com)

**Past-President:** Alon McCormick, Univ. of Minn.,  
421 Washington Ave. SE,  
Minneapolis, MN 55455-0132;  
(612) 625-1313; [mccormick@cems.umn.edu](mailto:mccormick@cems.umn.edu)

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West St. Paul, MN 55118;  
(651) 795-5633; [mister.ericm@yahoo.com](mailto:mister.ericm@yahoo.com)

**Secretary:** Patricia Sanft, H.B. Fuller Co.,  
P.O. Box 64683, St. Paul, MN 55164;  
(651) 236-5384; [patricia.sanft@hbfuller.com](mailto:patricia.sanft@hbfuller.com)

**Treasurer:** Bede Willenbring, H.B. Fuller Co.,  
St. Paul, MN; (651) 236-5470;  
[treasurer@mnmicroscopy.org](mailto:treasurer@mnmicroscopy.org)

**MAS Representative:** Michael Coscio, Medtronic Inc. (retired), 12650 88th Ave N.,  
Maple Grove, MN 55369;  
(763) 493-3500; [mikecoscio@comcast.net](mailto:mikecoscio@comcast.net)

**Project MICRO Director:** Jeff Payne, 3M Center,  
Bldg. 201-BE-16, St. Paul, MN 55144-1000;  
(651) 733-2352; [jjpayne@mmm.com](mailto:jjpayne@mmm.com)

**Corporate Liaison:** Jason Heffelfinger, Medtronic Inc.,  
6700 Shingle Creek Parkway, Brooklyn Center, MN 55350; (763) 514-1021;  
[jason.r.heffelfinger@medtronic.com](mailto:jason.r.heffelfinger@medtronic.com)

**Webmaster:** Stuart McKernan, 3M Center,  
Bldg. 201-BE-16, St. Paul, MN 55144-1000;  
(651) 736-5993; [smckernan@mmm.com](mailto:smckernan@mmm.com)

**Newsletter Editor:** Maria Graff, Maria Graff Communications, Minneapolis, MN;  
[mariaGraff@me.com](mailto:mariaGraff@me.com)

## Other Board Members

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Minneapolis, MN; 612-626-9803

Ann Palmer, University of Minnesota  
Dept. of Pediatrics, Mpls, MN; [palme003@umn.edu](mailto:palme003@umn.edu)

Please visit the MMS website, <http://www.mnmicroscopy.org/MMSform.pdf>, for a pdf version of the membership form that can be filled in online, printed and mailed or saved and emailed. To pay via credit card, please go to <http://www.mnmicroscopy.org/MMSMembership.html>.

## 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 \_\_\_\_\_

Address \_\_\_\_\_ ZIP \_\_\_\_\_

E-mail address \_\_\_\_\_

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

Check here  if you do NOT want your name and address to appear in the Society directory.

Are you an MSA member?  MAS Member?

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

Payment: Check  PayPal  (Please go to <http://www.mnmicroscopy.org/MMSMembership.html> to make your payment via PayPal.)

### Make checks payable to MMS and mail to our Treasurer:

Bede Willenbring, MMS Treasurer  
4763 Decatur Ave. North, New Hope, MN 55428-4402  
E-mail: [Treasurer@MNmicroscopy.org](mailto:Treasurer@MNmicroscopy.org)