

THE MIDLAND CHEMIST

A publication of the Midland Section of the American Chemical Society

October 2015, Vol. 52, No. 10

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Update from the Nominations and Elections Committee

Kshitish A. Patankar, Chair, Nominations and Elections Committee

As advertised in the newsletter published in August 2015 (and corrected compared to information posted last month), the following positions are open for the ballot for the upcoming elections.

- 1) Chair¹ (1-year term)
- 2) Chair-elect¹ (1-year term)
- 3) Secretary (1-year term)
- 4) Treasurer (1-year term)
- 5) Chair, Nominations and Elections Committee (1-year term)
- 6) Three Directors² (3-year terms)
- 7) Two Directors² (2-year terms)

So far, we have the following candidates on the ballot after the approval from the board –

Chair – Jaime Curtis-Fisk, Michelle Rivard

Chair-Elect – Anne Kelly-Rowley

Secretary – Rohini Gupta

Treasurer – Wendy Flory

Nominations and Elections Chair – Wenyi Huang, Kshitish Patankar

Director – Michelle Cummings, Aswini Dash, Bob Howell, Beata Kilos, Patrick Smith, Kevin Wier

All Director candidates will be considered for all Director positions. The length of term will be decided by the vote count.

At this point, all candidates have submitted biographies and statements for the ballot. Ballots are expected to be available October 25, with voting to be closed by November 25.

Editor's notes:

¹*The Chair-elect position is an overall three-year leadership commitment. The candidate elected to the Chair-elect position will serve the first year as Chair-elect, the second year as Chair, and the third year as Past-chair. Due to the resignation of the Chair-elect who won last year's election, the candidate elected to the position of Chair in this year's election will serve one year as Chair and the following year as Past-chair.*

²*The normal period of elected service for Directors is three years. There are three full-term Director positions open. In addition, due to the resignation of two directors who were elected in last year's election, there are two partial-term (two-year) director positions open. Of the candidates for Director positions on this year's ballot, the three with the highest vote counts will have three-year terms, while the candidates with the next two highest vote counts will have two-year terms.*

Midland Section Recognized with Three ChemLuminary Awards

Michelle Cummings, Past Chair, Midland Section ACS

The Midland Section was recognized at the Fall National meeting in Boston by receiving three ChemLuminary awards which highlight extraordinary work in promoting chemistry and the chemical sciences. In addition, the Midland Section is privileged to have two individuals who received National Awards acknowledging all the hard work and dedication to public outreach. The following announcements appeared on acs.org describing each of the awards.

Regina (Gina) Malczewski

2015 Helen M. Free Award for Public Outreach

Gina is an outreach superstar. Throughout her career, and even into her retirement, she brings science to life for K-12 students, adults, college students, the general public, the media, and many others. She has developed programs and awards, secured funding and supplies, and helped develop curricula for teachers.

Michelle L. Rivard

Local Section Outreach Volunteers of the Year

In an effort to recognize the immeasurable outreach efforts made by local section volunteers, the Committee of Community Activities (CCA) has established the Local Section Outreach Volunteers of the Year recognition program. Each local section has an opportunity to recognize one individual annually for demonstrating extraordinary outreach volunteer service within the section.

Midland Local Section

Fostering Interactions Between Local Sections & Student Chapters

There were several events throughout the year in which the Midland section and the student chapters combined forces to foster interaction between students and professionals, which included social events, the use of "Program in a Box", industry tours, and further collaborations with YCC and WCC.

Best Event or Activity Organized by, or Benefiting, the Applied Chemical Technology Professional Community

Each year the Midland Section offers a series of Lunch and Learn workshops to provide opportunities for section membership development relevant and applicable to technicians. In 2014, 3 workshops were provided that attracted 35% of the section membership and increased membership by 5%.

Outstanding Performance by a Local Section – Medium Size Category Award

The Midland section had an excellent program in 2014 with 74 events, 31 of which were new to the section, and all activities supported the ACS goals. Program highlights focused on education, women and younger chemists, and community outreach, and included 7 Science Cafés and various workshops.



ACS Fellows Reception – Joan Sabourin, Gretchen Kohl, Janet Smith



ChemLuminary Poster Session – (back L to R) Dale LeCaptain; Gina Malczewski; Matt Grandbois; Tom Lane
(front) Gretchen Kohl, Michelle Rivard, Tina Leaym, Janet Smith, Michelle Cummings



2015 Helen M. Free Award for Public Outreach – Gina Malczewski



Outstanding Performance by a Local Section – Medium Size Category Award



Best Event or Activity Organized by, or Benefiting, the Applied Chemical Technology Professional Community



Fostering Interactions Between Local Sections & Student Chapters

Central Michigan University Chemistry Department Seminars, Fall 2015
Wendell Dilling, Director and Historian, Midland Section ACS

All seminars will be held on Mondays at 4:00 PM in Dow 175 unless otherwise noted.

Date	Speaker	Title	Host
October 12	Katharine Page Oak Ridge National Laboratory	TBA	Caruntu
October 19	Paul Cook Grand Valley State University	TBA	Swarts
October 26	Ned Jackson Michigan State University	TBA	Howell
November 2	Andrew Smith University of Illinois at Urbana-Champaign	TBA	Caruntu
November 16	Mary Ann Evans USGS Great Lakes Science Center, Ann Arbor, MI	TBA	LeCaptain

If you have a disability and desire any assistive devices or services to participate in these research seminars, please contact Dr. Gabriel Caruntu (Phone: 989-774-3863 or Email: carun1g@cmich.edu) during normal business hours to discuss accommodations ten days prior to each event.

Science Café: There's No Food ... Like Foam!, October 14 in Midland
Midland Center for the Arts Ticket Office

Wednesday, October 14, 2015, 7:00–8:30 PM
Held in the Midland Center for the Arts Founder's Room

Ticket Prices: FREE! Registration is required, though.

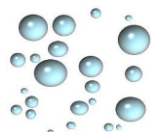
Many of us appreciate resting our heads on foam-filled pillows, sinking into foam cushions for the big game, and chasing away dirt and grime with foamy suds ... but nobody thinks of foam as food! This event features Chef Aaron Gaertner and biochemist Dr. Gina Malczewski leading us on a new discovery involving the history, chemistry, and preparation of culinary foams. Come see the how and why behind foam-inspired recipes, and taste samples of foam-based beverages and foods! Bring your scientific curiosity and exploratory taste buds, as there will be FREE samples of the experimental delights for all attendees!

Appropriate for ages 10 and up; not recommended for younger children. Ages 12 and under must be accompanied by an adult.

Limited space available! For a guaranteed seat, please register early. Please arrive by 6:50 PM as a stand-by line is expected and empty seats will be filled promptly at 6:55 PM.

For any questions, send an e-mail to Gina Malczewski at reginamalczewski@gmail.com.

The MIDLAND SECTION of the American Chemical Society presents:



There's no food...like FOAM!



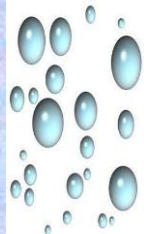
WEDNESDAY, October 14, 2015
7:00-8:30 pm
Midland Center for the Arts
Founder's Room
1801 St. Andrews, Midland, MI 48640
Call 989-631-8250 to reserve a seat

FREE and open to the public!

Join us to learn about the *GAS* in *Gastronomy*:

- **Why foam?**
- **How do you make a foam?**
- **Foam versatility and popularity**

- **Cooking DEMOS with Chef Aaron Gaertner**
- **SCIENCE with Dr. Gina Malczewski**
- **FREE Food Samples**



QUESTIONS? Email Gina at reginamalczewski@gmail.com

2015 Fall Scientific Meeting, October 24
Pat Smith, Fall Scientific Meeting Publicity Chair

The Midland Section of the American Chemical Society is holding its annual Fall Scientific Meeting on Saturday, October 24 at Saginaw Valley State University, Curtiss Hall. The theme for this year's meeting is "Chemistry Colors Our World". The meeting will highlight several experts in the area of dyes, pigments, and optics. It will also feature a poster session. Please circulate this information to your organizations and hold the date. We welcome your attendance and participation.

The call for abstracts and meeting registration process is open and can be accessed at <http://goo.gl/forms/xXuBhYG5Bf>. The poster submission deadline **has been extended to October 7**. The meeting pre-registration deadline is October 18. Registration is free and lunch will be provided for all pre-registered meeting participants. For more information, please contact either of the Fall Scientific Meeting Co-Chairs, Megan Thomas at MMThomas@dow.com or Roja Ergun at Ergun@dow.com.



ACS Fall Scientific Meeting

Saturday, October 24, 2015 • 8:30am – 3pm
Saginaw Valley State University, Curtiss Hall



"Chemistry Colors Our World"

Chemistry of dyes, pigments, and light



Featuring presentations on everything from solar cells and automotive coatings to archaeological chemistry and optical spectroscopy by . . .

Keynote speaker
Prof. Jim McCusker
Michigan State University

Prof. Ruth Ann Armitage Eastern Michigan U.
Prof. Theodore Goodson University of Michigan
Kendall Scott BASF

Registration is free and lunch will be provided for all pre-registered participants. Please register at <http://goo.gl/forms/xXuBhYG5Bf>.

Poster abstracts may be submitted at the link above before **October 7th!** Prizes will be awarded!

This year's meeting features two additional concurrent sessions:

CMU Symposium – Teaching through environmental research: getting down and dirty with Michigan's soil, water and sediment.

Free ACS Classes – 'Fostering Innovation' and 'Managing Projects Effectively.' Registration is limited to 30 people for each class. See our registration website for more information.

Questions or comments?

Please contact the conference chairs at MMThomas@dow.com or Ergun@dow.com.

As an added incentive, we are excited to offer the following prizes to our best poster presenters:

1st place: RCA 10.1" Tablet
16GB Quad Core,
Bonus Keyboard/Case



2nd place: RCA 7" Tablet
8GB Quad Core,
Includes Keyboard and Case



The Midland Section of the American Chemical Society Presents Glow Night!, October 29
Gina Malczewski, Chair, Midland Section ACS

Join us as the **Midland Section of the American Chemical Society** presents:



GLOW NIGHT!
Celebrating all things that luminesce!

WHERE: Grace A. Dow Memorial Library Community Room
1710 St Andrews St, Midland, MI 48640

WHEN: 7:00-8:30 pm Thursday, October 29, 2015

Wear something that glows in the dark and get a prize!!

FEATURED SPEAKER
Dr. Greg Colores,
Associate Professor of Biology
Central Michigan University

**“LIT UP LIFE:
Organisms and
Luminescence”**

**FREE and open
to the public!**

*Learn about fluorescence
and phosphorescence!
Activities with glow-in-
the-dark paints*

Space is limited. Reservations required. Contact Gina Malczewski at reginamalczewski@gmail.com

In Past Issues of *The Midland Chemist*

Wendell L. Dilling, Director and Historian, Midland Section ACS

50 Years Ago

In *ARE GOOD CHEMISTS IN SHORT SUPPLY?* by J. E. Dunbar, Editor, *The Midland Chemist*: “At one of the 1965 Gordon Conferences this writer overheard a well-known organic chemistry professor emphasizing the virtues of directing the careers of more young people into the profession of organic chemistry. When we encountered him with the possibility that organic chemists were perhaps not in as much demand as he seemed to think they were, he replied that he was sure that “good chemists” are in short supply. Now to the university professor a “good chemist” is one who unravels the most complex academic research problem in the most elegant and ingenious way. But certainly an industrial organization would add another qualification: namely, that a “good chemist” is one who can, by any technical means at his disposal, bring about considerable profit to his organization. Needless to say, “the good chemist” by the professor’s definition may not be the “good chemist” by industry’s definition.”

40 Years Ago

In *OCTOBER SEMINAR, OCTOBER 20TH, 4:35 p.m., 566Building Auditorium, Dr. David M. Spatz, Natural Product Syntheses via Rearrangements*: “The synthesis of alpha-methylene-gamma-butyro-lactones via carboxycyclopropylcarbinyl rearrangement will be presented. The controlled production of either *cis* or *trans* lactones and the mechanistic implications will be considered.

New approaches to oligoribonucleotide synthesis involving pyrophosphate intermediates will be discussed.”

30 Years Ago

In *1985 ACS FALL SCIENTIFIC MEETING* by Richard E. Donaldson, General Chairperson, 1985 ACS Fall Scientific Meeting: “On behalf of all the committee members, welcome to the 41st ACS Fall Scientific Meeting. This year’s meeting calls attention to the growing problem of funding for basic research in this country. Since the U. S. government seems increasingly hesitant to increase help, the private sector has been expanding ties with academic institutions. The theme chosen for this year’s meeting, “Industry and Academia - Partners in Research,” deals with this issue. The Keynote Address and some general papers will highlight recent developments in this area.

The Keynote Address will be given by James E. McEvoy and is entitled “The Council for Chemical Research – A New Direction in Private Support for Chemistry and Chemical Engineering.”

The response to the call for general session papers was impressive. A total of 70 refereed oral and poster papers presenting contributions from several Michigan academic and industrial institutions will be presented. I would particularly like to acknowledge the contributions to the poster session by local Project SEED students. The program will consist of 9 topical sessions, poster sessions, 2 symposia, and a Chemical Exposition of research instruments and equipment.”

20 Years Ago

In *TECH TALK, NEWS AND VIEWS OF THE MID-MICHIGAN TECHNICIAN GROUP* by Janel Davidson: “We plan to leave this year with a bang! The program committee is currently working on a workshop which will provide attendees with all it takes to present a technical paper and/or a poster at an outside meeting, from ideation to the final presentation form. This is all in preparation for our potential technician’s symposia at the 1997 ACS Regional Meeting to be held in Midland, MI. We will also have an outstanding presence at the 1995 ACS Fall Scientific Meeting held Saturday, November 4, 1995 at Delta College. We plan to participate in Sci-Fest again this year with our kitchen chemistry booth that the local children just love! We also will be doing something new this year by providing a meeting place for technicians to meet, chat, and find out all the latest tech news. Our very own Connie Murphy, the 1996 Chair of the ACS Division of Chemical Technicians, will be presenting a talk on the benefits of belonging to a professional organization for a technician.”

10 Years Ago

In *Chair Column, Making Connections*, by Pat Smith, Chair, ACS Midland Section: “I recently attended a Dow global technical meeting where the host stressed the importance of “connections” and how valuable it is to bring people together for the sake of connections. I agree! Recent examples of opportunities provided by our Section for connections include presentations by Gregg Zank, chief technology officer of Dow Corning, and Bill Carroll, president of ACS.

Programs such as these give you an opportunity to meet key leaders in the chemical profession and hear their prognosis and priorities for the industry. The audience at these events was largely composed of a diverse group of industrial and academic chemists and chemical engineers who are leaders in their respective organizations.”

Upcoming Dates, Events, and Other Updates

- October 5 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- October 7 (Extended) – Deadline for submission of poster abstracts for the 2015 ACS Fall Scientific Meeting. Poster abstracts may be submitted through the Fall Scientific Meeting website at <http://goo.gl/forms/xXuBhYG5Bf>.
- October 14 (7:00 – 8:30 PM) – *There's No Food ... Like Foam*, cooking demos, science discussion, and free food samples science café event, Founder's Room, Midland Center for the Arts. For any questions, send an e-mail to Gina Malczewski at reginamalczewski@gmail.com. Ticket price: Free!, but pre-registration is required to hold a seat at this special, limited space available event. To register, please go to <http://www.mcfta.org/event/>.
- October 18 – Deadline for pre-registration to attend the 2015 ACS Fall Scientific Meeting. Registration is free and lunch will be provided for all those who are pre-registered meeting participants. Please register at <http://goo.gl/forms/xXuBhYG5Bf>.
- October 24 (8:30 AM – 3:00 PM) – Midland Section ACS Fall Scientific Meeting, Saginaw Valley State University, Curtiss Hall. The poster abstracts submission deadline is October 7. The meeting pre-registration deadline is October 18. For more information, contact either of the Fall Scientific Meeting Co-Chairs, Megan Thomas (MMThomas@dow.com) or Roja Ergun (Ergun@dow.com).
- October 29 (7:00 – 8:30 PM) – Science Café “Glow Night” event, Grace A. Dow Memorial Library Community Room. Free and open to the public. Space is limited and reservations are required. For more information, contact Gina Malczewski at reginamalczewski@gmail.com.
- November 2 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- December 7 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- April 12, 2016 (save the date) – Evening dinner meeting with Jacqueline K. Barton, 2015 National ACS Priestley Medal recipient; Chair, Division of Chemistry & Chemical Engineering and Arthur & Marian Hanisch Memorial Professor, California Institute of Technology; and Board member of The Dow Chemical Company. For more information, contact Michelle Cummings at michelle.cummings@dowcorning.com.

The Midland Chemist is published twelve times a year by the Midland Section of the American Chemical Society, P.O. Box 2695, Midland, MI 48641-2695, <http://www.midlandacs.org>.

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