

THE MIDLAND CHEMIST

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Chair Column

Gina Malczewski, Chair, Midland Section ACS



New Sustainability Project

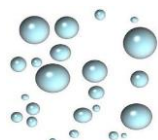
We just received a \$500 grant from ACS National to build a greenhouse out of 2 L pop bottles. We have the plans and will obtain clear colorless bottles from Midland Volunteers for Recycling (but we will take extra bottle donations, too). We have identified a location to build the greenhouse and are preparing to start the project over the Memorial Day weekend. We're aiming for now to produce (with the assistance of vermiculture and hydroponics, if possible) vegetables and herbs for local food pantries. With time, we hope this effort can expand to year-round growing. If you would like to help, please contact Gina Malczewski (reginamalczewski@gmail.com) or Michelle Rivard (michelle.rivard@dowcorning.com).

Dinner Board Meeting, June 1

We are moving our June Board meeting to Harvey's Grill (4000 Wilder Road, Bay City) for a change of pace. Drinks and social time will begin around 5:30 PM, with dinner to follow (ordering off of the menu) around 6:00 PM. The Board meeting will start at 7:00 PM, and the agenda will be announced ahead of time. All are invited, but please RSVP to Gina Malczewski at reginamalczewski@gmail.com to reserve a seat. And, just as a reminder, there will be no Board meeting in the month of July.

There's No Food ... Like Foam, May 7
Gina Malczewski, Chair, Midland Section ACS

The MIDLAND SECTION of the American Chemical Society *presents:*



There's no food ... like **FOAM!**



THURSDAY, May 7, 2015

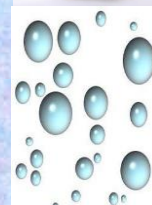
7:00-8:30 pm

**Bay City Western High School Cafeteria
500 W Midland Rd, Auburn, MI 48611**



**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**



Space is limited. Register to save your seat by e-mailing Gina at reginamalczewski@gmail.com

Dow Chemical Board Member Receives Priestley Medal *Etcyl Blair, Member, Midland Section ACS*

Dr. Jacqueline K. Barton, chemistry professor at California Institute of Technology and a member of The Dow Chemical Company Board of Directors, was awarded the 2015 Priestley Medal for her discoveries involving DNA-binding metal complexes. "She started a field that has captivated a huge amount of interest and that bridges inorganic chemistry, biochemistry and physical chemistry," says a fellow professor.

In addition to being a creative scientist she is recognized for her dedication to training and guiding students and for her support of the chemical enterprise.

According to Andrew Liveris, Dow's CEO, Barton helps explain Dow's science to other board members and she keeps them all apprised of new technologies and is involved in environmental, health and safety issues.

Dr. Barton is the third woman to receive the Priestley Medal. The Priestley Medal is the highest honor conferred by the American Chemical Society (ACS). The award, named after Joseph Priestley, the discoverer of oxygen, was established in 1923 and is given annually for distinguished service in chemistry.



The American Chemical Society (ACS), founded in 1876, has about 160,000 members and is the world's largest scientific society. The Midland Section which has about 650 members was started in 1919 with Herbert Dow as its first chairman.

Chemical & Engineering News, March 23, 2015, devotes 10 pages to this great story:

It's a great story about chemistry.

It's a great story about women in science.

It's a great story for teachers and students.

It's a great story for Midland, the Science City.

Editor's note: This article was contributed by Etcyl Blair, Ph.D., ACS Midland Section Chairman, 1959

(Photo: Jacqueline K. Barton. Photo courtesy of J.K. Barton.)

Kudos to Jeff Seifferly, 2015 National Chemical Technician Award Recipient

Janet Smith, Director, Midland Section ACS

The ACS Committee on Technician Affairs (CTA) awarded the 2015 National Chemical Technician Award (NCTA) to Jeffrey Seifferly at a reception on March 22, 2015 at the National ACS meeting in Denver. Several of his peers from the Midland Section and his wife, Aileen, were there to help celebrate the occasion. As part of the award, Jeff received a plaque, a \$1,000 honorarium, and travel accommodations for him and his wife to attend the ACS national meeting.



Jeff Seifferly receives 2015 NCTA award from Susan Marine, CTA Chair

Photo courtesy of Michelle Rivard

Jeff is an employee of Dow Corning (34 years) and has worked in a variety of areas including high voltage insulator development, semiconductor materials, electronics and thin film technology, plasma enhanced chemical vapor deposition development, and NanoSilicon technology development. He has authored 18 external papers, and has four US patents. Jeff was awarded the ACS Midland Section 2014 Outstanding Chemical Technician Award, a Dow Corning Technical Achievement Award and recently received the 2015 Dick and Carol Hardy Community Improvement Award for his commitment to bettering his community (Bay City). He was a founding member of the Mid-Michigan Technician Group in 1991 and serves as a certified ACS Science Outreach Coach, working with chemistry teachers since 2011.

The NCTA was established in 1989 and has been awarded annually. This award is granted for excellence and professionalism among technicians, operators, analysts and other applied chemical technology professionals. Nominations are judged primarily on technical achievement, but leadership, mentoring, communications, publications, awards, community activities, and contributions to quality, safety and other initiatives are also considered. To date, 27 technicians have been honored with this award, of which six are from the Midland Section: Dave Stickle, 2000; Robert Krystosek, 2006; Margo McIvor, 2007; Janet Smith, 2008; Diana Deese, 2014; and Jeff Seifferly, 2015.

2015 Joint Great Lakes Central Regional Meeting

Vickie Langer, Editor, *The Midland Chemist*

The ACS invites you to the 2015 Joint Great Lakes Central Regional Meeting (JGLCRM), to be held May 27–30 at the DeVos Place in Grand Rapids, Michigan. Advance registration is now open. Visit the [JGLCRM website](#) for up-to-date program information.

ACS JGLCRM in Grand Rapids

SAVE THE DATE May 27-30, 2015

Joint Great Lakes – Central Regional Meeting



Grand Rapids, MI | jglcrm2015.com

The co-hosting Sections are the Kalamazoo Section in the Great Lakes Region and the Western Michigan Section in the Central Region.

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THEME:

Chemistry A Grand Enterprise

Plenary Speaker:

Scott Denmark
11 a.m., May 27 (Wed)

Keynote Speakers:

Joan Brennecke (ENVN)
4:30 p.m., May 27 (Wed)

Dustin Mergot (HEALTH)
4:30 p.m., May 28 (Thu)

Focus Areas:
Food, Health, Environment

Plan to attend and/or be a part of the program

Contribute ideas for sessions!
Offer to organize a symposium!



jglcrm2015.com

Upcoming Dates, Events, and Other Updates

- May 4 (7:00 – 8:30 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- May 6 (5:45 – 9:00 PM) – Midland Section ACS Spring Awards Recognition Dinner, Great Hall and Convention Center, 5121 Bay City Road, Midland. For more information, contact Diana Deese, Midland Section ACS Awards Committee Chair, at dkdeese@dow.com or 989-636-9915.
- May 7 (7:00 – 8:30 PM) – *There's No Food ... Like Foam* program on food chemistry with cooking demos and free food samples, Bay City Western High School, 500 West Midland Road, Auburn. Pre-registration is required to save your seat by e-mailing Gina Malczewski at reginamalczewski@gmail.com.
- May 14 (8:30 AM – 5:00 PM) – 12th Annual ChEMS Research Forum, Huntington Club at Spartan Stadium on the campus of Michigan State University, East Lansing. For more information, please see <http://www.chems.msu.edu/forum2015>.
- May 27–30 – ACS Joint Great Lakes Central Regional Meeting, Grand Rapids, MI. For more information, see <http://jglcrm2015.com/>.
- June 1 (5:30 – 8:30 PM) – ACS Dinner/Board meeting, Harvey's Grill, 4000 Wilder Road, Bay City. All are invited, but please RSVP to Gina Malczewski (reginamalczewski@gmail.com) ahead of time to reserve a seat.
- August 3 (7:00 – 8:30 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- August 16–20 – 250th ACS National Meeting & Exposition, Boston, MA. For more information, see <http://www.acs.org/content/acs/en/meetings/fall-2015.html>.
- August 31 (7:00 – 8:30 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.

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