

THE MIDLAND CHEMIST

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Chair Column

Jaime Curtis-Fisk, Chair, Midland Section ACS



It has been a busy past month in our local section! The Midland local section ACS leadership has been busy preparing two significant events for our members in April. On April 12, our Women Chemists Committee (WCC) had the honor of hosting Professor Jacqueline Barton for a dinner seminar (see photo, page 2). The WCC kicked off their new “Women in Science” series with a wonderful evening of networking and science, featuring Dr. Barton’s presentation on *The Chemistry of DNA*. The event was very well attended by over 100 of our local members, students, and industry leaders. The high turnout and support from our members was a clear indicator that this type of programming is appreciated, and there will be many more to come!

The second key event this past month was the Annual Spring Awards Banquet. On April 27, our local section highlighted the accomplishments of many local students, teachers, and professionals. This turned out to be a wonderful evening of celebrating students as they begin their career in science, through to those members celebrating their 50- and 60-year commitment to the ACS, and many other accomplishments from those at stages in-between. This year’s awards program also highlighted a distinguished member of our community, Andrew Liveris, the CEO of the Dow Chemical Company, who received the Corporate Leadership Award. The list of those receiving awards will be published in a future issue of *The Midland Chemist*, so be sure to check this out so that you can congratulate your friends and co-workers on their accomplishments.



Jackie Barton with leaders of the Midland Section ACS Women Chemists Committee.
Left to right: Michelle Cummings, Tamlin Matthews, Tina Leaym, Jaime Curtis-Fisk,
Jackie Barton, Beata Kilos, Anne Kelly-Rowley, Janet Smith, and Wendy Flory.

These two events draw attention to just a couple of the many ways that you can be involved in your ACS local section. Board members provide high level guidance and leadership, committees develop the strategy and implementation plans that bring the vision to life, and no successful event is possible without the countless hours of many volunteers who give of their time and passion to make sure that needs, both big and small, are addressed and met.

If you are interested in getting involved, please contact me (JLCurtisFisk@dow.com or 989-638-7044) or any Board member for more information. Thank you.

Outreach Munch Meeting, May 12

Gina Malczewski, Past Chair and Outreach Committee, Midland Section ACS

Please plan to join with others interested in or already involved with **ACS Outreach** activities for a **FREE** light lunch on May 12 at Creative 360, 1517 Bayliss Street, Midland, from 11:30 AM to 1:00 PM to discuss past activities and upcoming opportunities. **SENIORS** – this mean YOU, too!

There is plenty to do, and there are many aspects to Outreach – activity development, safety audits, prep time, and implementation, so all skill sets are welcome! We provide training and "shadowing", too, so you do not need to worry about inexperience.

If you have any questions or want to make a lunch reservation (we need a head count for food), please contact Gina Malczewski at reginamalczewski@gmail.com or 989-631-4038. We need your energy and involvement, so come to learn more!

13th Annual ChEMS Research Forum, May 12

MSU ChEMS Department

The Department of Chemical Engineering and Materials Science (ChEMS) at Michigan State University would like to invite you to join us at the 13th annual ChEMS Research Forum on Thursday, May 12, 2016. The forum is a full-day event, running from 8:00 AM to 5:00 PM, and will be held at the Huntington Club at Spartan Stadium on the campus of MSU.

This year's ChEMS Research Forum will showcase departmental research advances in the areas of:

- Energy and Sustainability
- Nanotechnology and Materials
- Biotechnology and Biomedical Engineering

The one-day program will feature plenary speakers, posters, and oral presentations describing the latest department research. This year's featured speakers and their lecture topics include:

- **Matthew Neurock**, Shell Professor, Chemical Engineering and Materials Science, University of Minnesota, *Computational Catalyst Design*
- **Deborah (D.F.) Mielewski**, Senior Technical Leader, Materials Sustainability, Ford Research and Innovation Center, *Greening the Blue Oval: Research and Development of Sustainable Materials at Ford*
- **Scott Calabrese Barton**, Associate Professor, Chemical Engineering and Materials Science, Michigan State University, *Enhancing Intermediate Transport in Multistep Reactions*
- **Andre Y. Lee**, Associate Professor, Chemical Engineering and Materials Science, Michigan State University, *Novel Chemical Modifier for Aluminum-Silicon Casting Alloys*

Registration, lunch, and refreshments are complimentary, but pre-registration for the forum is requested. To register for the event, go to <http://www.chems.msu.edu/forum2016/Registration>.

For more information, see <http://www.chems.msu.edu/forum2016>, or call the MSU ChEMS Department at 517-355-5135, or send an inquiry by e-mail to chems@egr.msu.edu.

Summer Internship Opportunity at MSU STEM Center in Midland – Application Deadline, May 27

Melanie Kauffman, Communications Manager, MSU Research and Graduate Studies

I would like to reach out to all ACS members in the greater Midland area for assistance in promoting an opportunity for high school seniors. We are offering a research internship opportunity in Midland this summer in chemistry and materials science. Information about this program may be found on our website at <http://research.msu.edu/summer-research/>. The website also contains the instructions and a link to an online application form to apply for the program.

We will also be reaching out to local high schools to promote this program, but we wanted to be sure that the Midland Section ACS group was aware of it as well. Please feel free to share this information widely. The application deadline is Friday, May 27. For more information, or for questions, please contact Melanie Kauffman at kauffm59@msu.edu or 517-884-0099. Thank you.



Rising high school seniors are invited to apply for a paid summer internship with mentoring provided by researchers at the MSU STEM Center in Midland (the former MMI site on W. St. Andrews Road). Projects are intended to introduce students to research in chemistry and materials science, and should provide the basis for national science fair competitions in the 2016-2017 academic year. Mentors on site have suggested the following project areas:

- New compounds that prevent overcharging of lithium batteries
- Means to remove impurities from drinking water in tropical regions
- ^{19}F -NMR studies of fluoride complexes
- 3-D printing of novel, high-value composites
- Novel applications of 3-D printing of polymers
- Saving honey bees from varroa mites with controlled-release miticides

MSU proposes to offer up to six internships in 2016. Each position will be paid \$10 per hour. The program will run eight weeks, 40 hours per week, from June 27 to August 26, 2016.

Please visit <http://research.msu.edu/summer-research/> for more details and to apply. Applications must be received by Friday, May 27, 2016. Students will be notified of their acceptance by June 3, 2016.

June 6 ACS Board Meeting Moved to Grand Traverse Pie Company

Jaime Curtis-Fisk, Chair, Midland Section ACS

The Midland Section ACS Board meeting scheduled for Monday, June 6, will be held at the Grand Traverse Pie Company, 2600 North Saginaw Road, in Midland, beginning at 6:30 PM. If you would like to order food, please arrive at 6:00 PM so that everyone may be seated and ready for the meeting to begin at 6:30 PM. This meeting will replace the regularly scheduled board meeting that would normally take place at the Midland Center for the Arts.

Chemists Without Borders Update

Ronda Grosse, Board Member, Chemists Without Borders

Chemists Without Borders volunteers attended PittCon in Atlanta in March. We appreciated the enthusiastic response from Pittcon attendees to our poster “Applying Analytical Chemistry to Solve Problems in the Developing World”. It was great to meet many like-minded chemists interested in using science to address humanitarian issues.

Looking ahead, the American Chemical Society has asked us to lead a symposium at the Fall National ACS meeting in Philadelphia. In conjunction with the meeting theme *Chemistry of the People, by the People and for the People*, this symposium will be titled “Mobilizing Chemistry Expertise to Solve Humanitarian Problems”. We have 10 excellent speakers lined up from academia, industry, government and non-profit organizations in an all-day symposium on Sunday, August 21, 2016. We will highlight efforts to apply chemistry to improve the lives of those across the globe. Presentation topics include clean water initiatives, expanding access to quality medicines, science education, and advancements in inexpensive analytical methodologies that can be readily applied in developing countries. We anticipate more fruitful discussions regarding the far-reaching benefits of these efforts and ideas toward addressing technical and logistical challenges. If you are coming to Philadelphia this August, please join us!

If you would like more information about the Chemists Without Borders organization, what we do, and how you might help, please contact Ronda Grosse at ronda.grosse@dowcorning.com or 989-496-3097. Thank you.

Jaime Curtis-Fisk: When a Professor Goes to Industry

Yanni Wang, Principal Scientific Writer and Owner, International Biomedical Communications

Editor’s note: In the spirit of providing the interesting “background story” of Jaime Curtis-Fisk, the current Chair of the Midland Section of the ACS, this article is being reprinted in its entirety from the March 18, 2016 online posting by *ACS Industry* in *Industry Voices*.

Jaime Curtis-Fisk’s plan in graduate school was to become an organic chemistry professor. She was passionate about education, had the needed communications skills, and was well prepared — she had earned her certification in college science and math education while completing her PhD program.

It was no surprise that upon graduating from Michigan State University in 2009 with a PhD in chemistry, Curtis-Fisk successfully landed an assistant professor position at Grand Valley State University, where she had received her undergraduate education.

The dream job, however, didn't last long. In 2010, Curtis-Fisk's husband accepted a position at the Dow Chemical Company, and the family needed to relocate. Curtis-Fisk had two options: keeping her dream job and splitting the family, or staying with her family and leaving her job. Having just started a family, Curtis-Fisk chose the latter.

To stay close with her family, Curtis-Fisk applied for a position at Dow and was offered a senior chemist position in Dow's Core R&D Division. She accepted the position and switched her career path from academia to industry. But she kept her passion for education alive.



A Chemist's Two Tales

When Curtis-Fisk joined Dow, employee volunteerism was already part of Dow's culture. Several groups of Dow employees were actively engaging in outreach activities in their communities. But it was not an organized effort.

Recognizing her interest in education, Curtis-Fisk's supervisors created a unique position that would allow her to conduct technical research as a R&D scientist and support Dow's outreach programs as a STEM program leader, all at the same time. Without hesitation, Curtis-Fisk took the opportunity and started to make marks in two drastically different areas.

Implementing Dow's STEM Ambassadors program

Upon accepting the dual-role position, Curtis-Fisk was asked to transform Dow employees' grassroots efforts into a coordinated program. The goals were to create opportunities for Dow employees to best use their skills and passion, to ensure that the time and resources are well spent, and ultimately to generate the biggest impact possible.

And Curtis-Fisk didn't disappoint. With the support of her colleagues and supervisors, she started the now well-known Dow STEM Ambassadors Program, an employee engagement program that trains and connects Dow employee volunteers with students, teachers, and local communities. To achieve the best result, she created an effective organizational structure for the program, developed resources to support the outreach efforts, and removed barriers that could potentially affect volunteers' involvement. As a result, the number of volunteers increased from about 400 to 1,600 within a year.

Today, Curtis-Fisk and her STEM ambassadors have developed programs in multiple locations around the globe, and they have successfully built partnerships with a number of organizations, including the Smithsonian, the Chemical Education Foundation, and the American Association of Chemistry Teachers. Noticing the program's impact, Dow has tied the educational program to its corporate initiatives.

"I always knew she'd make an excellent teacher, she is that special type of person that conveys things clearly and with all her focus on the person she is communicating with, she just draws you in," says Laurie Witucki, Curtis-Fisk's undergraduate research advisor who sparked her interest in chemistry. "I am certain she is doing the same as a STEM ambassador, passing on her love for chemistry to an audience of all ages."

Thriving as an industry scientist

Curtis-Fisk's research interest at Dow is mainly focused on drug delivery technologies. Her main responsibilities include using polymers' unique properties to design new ways to deliver drugs, and designing corresponding formulations that are safe and effective. In another word, she is responsible for turning active drug ingredients into final products. As a project leader, she also helps her team develop research plans, analyze experimental results, and communicate the relevance of their findings to stakeholders.

Despite the amount of time and energy that Curtis-Fisk devoted to the STEM outreach program, her technical performance didn't suffer. Since joining Dow, Curtis-Fisk has authored 26 corporate technical reports, submitted 17 invention concept documents, and filed 13 active patent applications. She also has published 4 peer-reviewed research publications, and presented at 7 national conferences.

Recognizing Curtis-FISK's research excellence, in 2015, the American Chemical Society's Women Chemists Committee awarded its Rising Star Award to Curtis-Fisk, along with nine other women scientists approaching mid-level careers.

Making It All Work

To many people, staying competitive in just one field is challenging enough. How could Curtis-Fisk thrive in two totally different areas?

Planning ahead

"At times it was difficult to balance both worlds, particularly since I had two sets of stakeholders," Curtis-Fisk admits. But from early on she realized that it helps to have a detailed plan for each engagement, maintain a well-defined timeline for every project, and communicate clearly with both teams about expectations and work processes.

Communicating well

Curtis-Fisk's skills in scientific communication proved invaluable, too. "My talent is telling the story of science in a way that others can understand the technology, and appreciate the value," says Curtis-Fisk. In the early days, her talent helped her successfully connect with her students. Today, as a scientist and project leader, that ability helps her clearly communicate the needs of her teams, and effectively share their research results and potential impacts with stakeholders.

And the teaching certification that she earned in graduate school? Well, that turned out to be extremely helpful, too, especially when she speaks with the teachers her outreach programs support.

Keeping the passion alive

A first generation college student, Curtis-Fisk attributes her success to a large group of people who have supported her over the years. She credits her college professors with spurring and nurturing her interests in chemical research and education. She appreciates her husband for fully supporting her career growth. And she thanks her mentors and leaders at Dow for not only helping her create the dual-role career opportunity but continuing to help her to grow.

Her determination in keeping her passion alive, however, has no doubt played a great role in her success as well. Reflecting on her unique career path, Curtis-Fisk admits that she would not feel completely fulfilled if her career were focused solely on doing technical work in the lab. Fortunately, she has learned that "there's

always a way to follow your passion.” “Even if it doesn’t seem at first like it’s something that fits with the rest of your career, you can still develop the right support system to make it happen,” says Curtis-Fisk.

Yanni Wang is a principal scientific writer and the owner of International Biomedical Communications, a company dedicated to translating research data into clear messages. Yanni has a PhD in chemistry and writes about biomedical research-related topics for professional audiences and the general public.

2019 Midland Section ACS Centennial Exhibit Planning Has Started at the Herbert D. Doan Midland County History Center

Wendell L. Dilling, Midland Section Historian and Chair, 2019 Centennial Exhibit Committee

The year 2019 will be significant for the Midland Section of the ACS when it celebrates 100 years of existence. Other landmarks reached in 2019 will include the 50th Central Regional ACS Meeting, which will be hosted by the Midland Section in Midland, and the 75th Fall Scientific Meeting. The Section officially had its start on December 8, 1919, when it received a charter from the national ACS.

All early Section members were employees of The Dow Chemical Company, including Herbert H. Dow, the Company founder and the first Chairman of the Midland ACS Section. These people and their impact on the community and the world are proposed as a major focus of the exhibit. Section members and their stories including how they made the world better by their inventions and discoveries as documented by their awards and patents, some involving familiar items, are important aspects of Midland Section history planned for inclusion. Recognition of the student outreach programs the Midland Section helped shape and create will also be featured. Some smaller exhibits may be developed for installing in areas outside of Midland. Hundreds of other Section members followed Herbert Dow as Section officers. These people’s names and some of their stories will be included in the exhibit as well as those of many other people, plus related artifacts and mention of significant Section events.

A group of Section members recently met with Gary Skory, Director of the Herbert D. Doan Midland County History Center, to make preliminary plans for having a centennial exhibit at the Center, tentatively from May through December 2019. The Section’s Board of Directors has allocated funds to help construct the exhibit. The purpose of this report is to alert members about these plans, request suggestions, and encourage members to help with the exhibit’s planning and construction.

We are seeking the following kinds of artifacts for the exhibit:

- Photos of Midland Section officers, other members, and events
- Original patents by Section members
- Personal and Midland Section ACS awards or mementos
- Notebook or personal journal excerpts about the Midland Section or technologies developed by Midland Section members

The Section has extensive archives in the Clarke Historical Library at Central Michigan University that will also be a source of many artifacts. We are also seeking volunteers to help select some of these pieces of history.

If you are interested in suggesting the inclusion of particular Midland Section activities or artifacts for this exhibit, or would like to help install the exhibit(s), please contact Wendell Dilling at dilli1wl@cmich.edu or w.dilling@att.net.

In Memoriam – Ralph E. Friedrich

Steve Keinath, Editor, The Midland Chemist

Editor's note: Ralph Friedrich's obituary as it appears here is reprinted, in part, from the March 28, 2016 issue of the *Midland Daily News*. He was a long-standing member of the American Chemical Society, and was recognized with a framed 60-year ACS membership plaque in 2007 by the Midland local section. That plaque was proudly displayed by his family during his funeral home visitation time period.



Ralph E. Friedrich passed away early Tuesday morning of Holy Week on March 22, 2016, 10 years after his beloved wife had been called Home to be with Jesus, also on Tuesday of Holy Week.

Ralph was born April 10, 1918, in Grand Rapids, MI, son of the late Martin Herman Friedrich and Caroline (Frey) Friedrich. When he had attained an Associate's Degree in chemistry from Grand Rapids Junior College, he worked at The Dow Chemical Company, Midland, assisting in research at the Physics Lab. In Midland he met Viola Schnepf, and they were married on September 6, 1941.

During World War II, Ralph enlisted in the U.S. Navy. He served as an Electronics Mate Second Class, maintaining radar systems on the aircraft carrier USS Midway. After the war, he earned his Bachelor of Science degree from the University of Michigan. He worked briefly as a chemist for Monsanto Company in St. Louis, MO, until he had an opportunity to return to the Dow Physics Lab in 1948. Ralph and Viola settled again in Midland, where they raised their five children. Ralph worked for Dow, earning recognition on several patents, until his retirement in 1983.

Ralph was an active member of St. John's Lutheran Church in Midland, where he served in various leadership roles. His lifelong avocations were sailing, electronics and Bible study.

After experiencing a stroke in 2009, Ralph moved to Brookcrest Rehab & Life Center in Grandville, MI, where his daughter Martha worked and attended daily to her beloved father. While at Brookcrest he received frequent visits from faithful friends from Midland.

Surviving are his sons, Donald (Donna) Friedrich of Windsor, CA, Paul (Lois) Friedrich of Laingsburg, MI, Ronald (Georganne) Friedrich of Rockville, MD; daughters, Mary (Stanley) Hines of Fort Wayne, IN, Martha (William) Torreson of Wyoming, MI; 11 grandchildren; 11 great-grandchildren; four nieces; and two nephews. Ralph was preceded in death by his wife, Viola; sister, Margaret; and brother, Carl.

Funeral services for Ralph took place at 11:00 AM on Wednesday, March 30, 2016, from St. John's Lutheran Church. Pastor Daniel Kempin officiated, with burial in Homer Township Cemetery. Ralph's family received friends at the Ware-Smith-Woolever Funeral Home, on Tuesday, from 5:00 to 7:00 PM, and on Wednesday, from 10:00 AM until the time of service.

Those planning an expression of sympathy are asked to consider one of the following that have been such a blessing in Ralph's life: St. John's Lutheran Church in Midland, Ralph's very dear church home and church family, Brookcrest Rehab & Life Center - Christian Nursing Home in Grandville, MI, where Ralph was given exceptional care and was dearly loved during these past seven years or New Hope Lutheran Church in Hudsonville, MI, as Pastor David Rufner faithfully ministered to Ralph while away from his own home church.

Funeral arrangements for Ralph were entrusted to the care of the Ware-Smith-Woolever Funeral Home, 1200 West Wheeler Street, Midland, MI 48640.

In Memoriam – Victor E. Meyer

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

Editor's note: Victor Meyer's obituary as it appears here is reprinted, in part, from the April 20, 2016 issue of the *Midland Daily News*.

Wendell Dilling reminiscence

Vic was a Midland Section ACS member for at least part of his life and he was active in the Midland Section to some extent during my time in Midland. He was the General Chairman of the 20th Fall Scientific Meeting in 1963, held then at Central Intermediate School on November 9, 1963. In addition, Vic was Chairman of the Meeting Place Committee for the 19th FSM in 1962, held on December 8, and a member of the Program Committee for the 17th "FSM" on May 13, 1961. This was the year in which the "FSM" switched from being a spring meeting to being a fall meeting. The 18th FSM was held on May 12, 1962, and was a closed meeting for Dow employees only, thus I don't have any information about Vic possibly being on the FSM Committee for that meeting. Vic was listed on the Midland Section roster in 1985, but was not listed in 2000 or later. Because he came back to the US in 1955 after his service in the Korean War, he probably became an ACS member within a few years of 1955.



Victor E. Meyer, beloved husband, father, grandfather, great-grandfather, uncle and brother passed away April 16, 2016 at Mid-Michigan Medical Center. He was born to Rudolph and Opal May (Fisher) Meyer in Mount Pleasant, MI on August 16, 1931. He worked with the family on their farm and attended Hanley country school in Jasper Township. He played football and graduated from high school in St. Louis, MI in 1950.

He attended Michigan State College for two years before serving three years in the United States Army during the Korean War as a Cryptanalytic Specialist as part of the Army Security Agency in Salzburg, Austria. He met, fell in love with Ingeborg Klier, and they were married in Salzburg. Vic and Inge shared many good and some sad times as a team for 61 years together.

In May of 1955, Vic, Inge and baby Bea arrived in the U.S. after Vic's honorable discharge. He resumed his studies and finished a PhD in Chemistry at Michigan State University.

The family moved to Midland where he worked in Polymer Research at The Dow Chemical Company. He had a successful career with several patents. He retired in 1986 and then was a consultant at several companies until 2001.

He enjoyed his family, fishing, bow hunting, telling jokes, playing cards, building their cottage, fixing rental homes, making maple syrup, and chopping wood on his 10 acres. The family travelled back to Austria many times and to other countries. Whatever he did, it had to have a purpose. Vic was a great role model for so many people. He was caring, generous, intelligent, humble, humorous, hardworking, courageous, patient, and so much more. He will be greatly missed.

Vic leaves behind his loving wife, Inge; daughters, Beatrice (Jim) Malcolm, Belinda (Dave) Hoover Brewster and Lisa Meyer; his grandchildren, Danielle (Patrick) Hoover Bauld, Andrew (Elizabeth) Malcolm and Anna Malcolm; step grandsons, Jonathan and Jack; and great-grandchildren, Jackson, Conner, and Aura. Also surviving are his sister, Joan (Gary) Acton; brother, Ralph Meyer; and many cousins, nieces and nephews. He was preceded in death by his parents; a four-year-old daughter, Barbie; his grandson and fishing buddy, Levi Hoover (killed in Iraq in 2007); his sister, Ginny Parker; and brother, Ray Meyer.

A Memorial Mass took place at 11:00 AM on Thursday, April 21, 2016, from Blessed Sacrament Catholic Church, 3109 Swede Avenue, Midland, MI. Father Kevin Maksym officiated, with a luncheon following. Vic's family received friends at the church on Thursday, from 10:00 AM until the time of Mass. Those planning an expression of sympathy are asked to consider the Midland Area Community Foundation, 76 Ashman Circle, Midland, MI, 48640, or St. Jude Children's Research Hospital, 262 Danny Thomas Place, Memphis, TN, 38105.

Funeral arrangements were entrusted to the care of the Ware-Smith-Woolever Funeral Directors, 1200 West Wheeler Street, Midland, MI 48640.

Upcoming Dates, Events, and Other Updates

- May 12 (8:00 AM – 5:00 PM) – 13th Annual ChEMS Research Forum, Huntington Club at Spartan Stadium, Michigan State University, East Lansing. Registration, lunch, and refreshments are complimentary, but pre-registration to attend the forum is requested. To register for the event, go to <http://www.chems.msu.edu/forum2016/Registration>. For more information, see <http://www.chems.msu.edu/forum2016>, or call the MSU ChEMS Department at 517-355-5135, or send an inquiry by e-mail to chems@egr.msu.edu.
- May 12 (11:30 AM – 1:00 PM) – Outreach munch meeting, Creative 360, 1517 Bayliss Street, Midland. For any questions and to RSVP for lunch, please contact Gina Malczewski at reginamalczewski@gmail.com or 989-631-4038.
- May 18–21 – 47th ACS Central Regional Meeting, Covington, KY. For more information, see <http://www.acscerm2016.org/main/>.
- May 27 – Deadline for submitting applications to the MSU STEM Center in Midland for their 2016 Summer Research Program internship opportunities for high school seniors program. More information about this program, as well as application instructions and an online application form, may be found at <http://research.msu.edu/summer-research/>. For additional information, or for questions, please contact Melanie Kauffman at kauffm59@msu.edu or 517-884-0099.
- June 6 (6:30 PM – 8:30 PM) – ACS Board meeting, Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM, purchase dinner (optional), 6:30 PM, meeting begins. This meeting replaces the regularly scheduled board meeting that would normally take place at the Midland Center for the Arts. WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.

- August 1 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- August 21–25 – 252nd ACS National Meeting & Exposition, Philadelphia, PA. For more information, see <http://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html>.
- September 12 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- October 3 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- October 22 (save the date) – Midland Section ACS Fall Scientific Meeting. For more information, contact Michael Vagnini, FSM General Chair, at mtvagnini@dow.com.
- November 7 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- December 5 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.

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