THE MIDLAND CHEMIST

A publication of the Midland Section of the American Chemical Society

January 2026, Vol. 63, No. 1

Contents

Chair Column

Judith Espinoza, Chair, Midland Section ACS

Dear Readers,

Happy New Year!

2026 marks the 150th anniversary of the American Chemical Society. During this year of celebration, the ACS theme is "Chemistry is Everything." This annual theme, along with monthly themes about the ACS core values, will guide us as we reflect on the impact of chemistry on our lives, our society, and our world. I invite you to join me each month to explore each of these core values while navigating another year of impactful outreach by the Midland Section ACS.

Last year, when I attended the ACS Leadership Institute, we were asked what we would consider the most significant milestones in chemistry's history. I must confess that the first examples that came to my mind were not related to polymer composites, despite that being the focus of my career. Instead, I found myself debating between fermentation and the Maillard reaction, bringing out the foodie in me. A choice easily justified by my exposure to biochemistry and food engineering in my early career, and without any doubt, by my love for baking and coffee. What about you? What would you consider the most significant milestone in chemistry's history?

As we celebrate the ACS 150th anniversary, I encourage you to join us. Whether you are a student, a teacher, a professional working in academia, research, or industry, or retiree, we want you here, and we need your help. As a kid, I often found myself getting into trouble after being caught mixing spices or whatever powders were available in the pantry just to see what would happen. Together, we can inspire our younger generations to spark that same sense of curiosity in them. Join us for networking with our fellow members and mentor our young professionals. Be an active part of this amazing team.

The ACS core value assigned to January is **Leadership**. First things first, thank you to our 2025 officers and outgoing committee chairs for their leadership and commitment. Thank you for your countless hours of volunteering, and for each event that you carried out from planning to execution with success. A special thank you to Krishnaja Duvvuri, our 2025 Chair. Thank you for the mentorship, which will allow for a smooth transition into this new year and keep us on track to achieve our goals. Welcome to our 2026 officers and new committee chairs. Thank you for being part of this inspiring and rewarding journey.

In the Midland Section ACS, leadership is not a noun, it is a verb. We turn our passion for chemistry into action. We do not just talk about leadership as an abstract concept, instead we live it, we promote it, and we embrace it. Serving as the Chair this year is both an honor and a perfect example of the powerful impact mentorship within this amazing group of leaders has on new members. When I first joined the Midland Section ACS, it felt like joining an extreme sports team, full immersion from day one. I experienced the fast-and-furious chemical-reaction version of volunteering. Last year, as Chair-elect, I had the opportunity to volunteer at events across different committees, each with its own dynamic, where every member acted as a catalyst. I noticed a strong synergy among their members, clear communication, timely planning, dedication, and commitment. Those long hours of work were rewarded with smiles, challenging questions, insightful discussions, and the joy of witnessing that "aha!" moment on the face of the participants. In summary, leadership in the Midland Section ACS is about fostering collaboration and supporting each other to achieve our common goal – sharing our passion for chemistry.

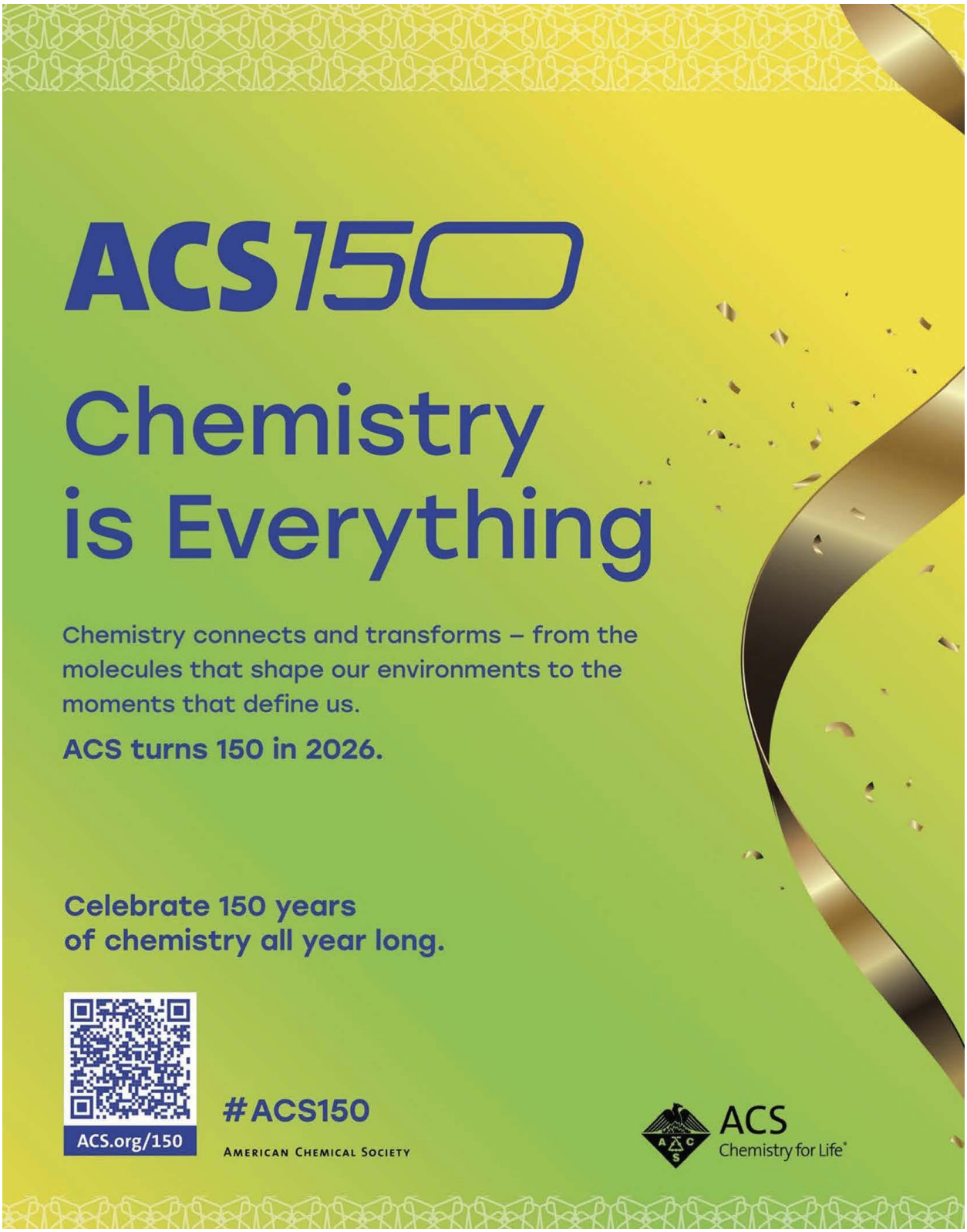
I look forward to working with all of you throughout 2026. A year to celebrate the legacy of those who came before us and to reflect on our next steps to inspire future generations. I wish you a 2026 filled with health, happiness, and an impressive record of volunteer hours with us.

Kids' Day at the Mall, January 17

Gina Malczewski, Outreach Committee, Midland Section ACS

Midland Section ACS Outreach event, *Kids' Day at the Mall*, at the Midland Mall, 6800 Eastman Avenue, Midland. This event is scheduled for Saturday, January 17, from 10:00 AM to 3:00 PM. For more information, any questions, or to volunteer, please contact Gina Malczewski at reginamalczewski@gmail.com.

ACS150: Chemistry is Everything



Technical Thinking: Out of Sight, Out of Mind

Mark Jones, Director and Co-Historian, Midland Section ACS

Editor's note: This article is reprinted, in part, from an article which appeared in the August 4, 2025, issue of *Design World*. The original article, authored by Mark Jones, can be accessed at **https://lnkd.in/dn7p7RuF**.

History tells us that if you dig a hole, it will get filled in. A hole dug over 2,000 years ago, a Roman quarry near Rennes, became a dump. A hole dug by William T. Love near Niagara, New York, also became a dump. The quarry in Rennes has become a treasure trove for archaeologists, revealing fascinating First and Second Century artifacts. Love Canal stands as a cautionary tale of industrial waste, toxic chemicals, and the birth of the Superfund law.

My *Design World* column delves into the long tradition of disposal – from ancient pottery to persistent pollutants like dioxins – by filling discarded holes. It asks whether we've truly learned from history or are simply repeating it in new forms.

Mining ended almost 2,000 years ago at Rennes. The abandoned quarry created by the Roman miners provided an easy place to dispose of unwanted stuff. Archaeologists are giddy about what they are finding in what became an ancient dump near the French city of Rennes. Discarded items found at the Rennes quarry outlived their usefulness 1,800 years ago. Today, they are an exciting trove of First and Second Century artifacts. They also remind us of our long tradition of burying what we no longer want. An abandoned hole is an opportunity. In Rennes, it is proving a great boon for archaeologists. Love Canal is a very different story.

The story of Love Canal is a story of opportunistically turning an abandoned hole into a dump. The hole was created by William T. Love, attempting to build an industrial utopia. The Niagara region of New York is blessed with an abundance of water. It is also blessed with an escarpment, creating steep cliffs. Water, gravity, and a steep drop are a great recipe for producing hydroelectric power. The canal would have diverted water to a hydroelectric site. Love's dream would never become reality as he ran out of money. However, others did succeed in harnessing hydropower there. Abundant power attracted electricity intensive industry, like chemicals and metals. At the time Love's steam shovels were digging, no one could have predicted they were playing a role in creating a future Superfund site.

The excavated area proved enticing to the Hooker Electrochemical Company and the city of Niagara Falls. It was an already excavated landfill site. The city used it for municipal waste. Hooker began disposing of chemical waste into Love Canal starting in the 1940s. Hooker ultimately purchased the landfill and continued using it until 1953. Lurking in Hooker's waste were compounds whose health impacts hadn't been investigated at the time they were buried.

Electricity is used in the production of chlorine. Hooker turned chlorine into a mix of inorganic and organic products. Chlorine is a promiscuous reagent, reacting with many things in reactions that can be hard to control. This leads to the production of byproducts that are frequently undesirable.

Hooker made chlorophenols, made from chlorobenzenes, made from chlorinating benzene. In the process, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) is a byproduct, as are many other things. Dioxins are a class of chemical compounds. TCDD is a particularly persistent, toxic compound. Dioxin contamination at Love Canal is shorthand for TCDD contamination. There are many chemicals disposed of at Love Canal that are problematic.

Dioxin tops the list. Persistent and toxic at low levels, TCDD's toxicity came into focus only after disposal at Love Canal had ended.

Regrettably, the land was sold and developed. Houses and schools were built on the land. Residents and schoolchildren were exposed to leaking chemicals, eventually forcing a large remediation effort. Love Canal led to the enactment of the Comprehensive Environmental Response, Compensation and Liability Act of 1980, also referred to as the Superfund law.

Viewed through today's eyes, it seems crazy to bury wastes with high levels of TCDD. Such wastes would be incinerated today. It turns out, that is ultimately what happened at Love Canal. Collected sewers and sediment were incinerated to destroy the TCDD, a task made more challenging due to dilution and mixing. The rest was capped and entombed.

We've learned a little since the late 1970s. You might think we've learned that burial is not the solution for disposing of waste. Landfilling is, according to the EPA, the number one way we deal with hazardous waste. Liquids, like the drums that filled Love Canal, are no longer landfilled, but problematic solids are. PFAS concerns now mean some municipalities are landfilling biosolids, as one example. Sealed, capped, and managed, burial is still an option.

I can't imagine future archaeologists getting very excited by a hazardous waste landfill. Unlike Rennes, there won't be pottery and figurines. But like Rennes, we are still shoving stuff we don't want into holes in the ground.

2026 Earth Action Expo, April 25

Gina Malczewski, Outreach Committee, Midland Section ACS

The Earth Action Expo in Midland, MI, the largest Earth Day event in our area, has been taking place at Dow High School on Saginaw Road in Midland every year since 2021, following a tradition of annual Earth Day programs (mostly at the Midland Center for the Arts) since 2006 (except for 2020).

The primary organizers of the event are the Midland Section of the American Chemical Society and the Dow High School Go Green Club. Exhibit tables are free. Commercial vendors are limited and by invitation only. Sponsorships are also available. Attendance is free.

Our objectives are to educate all ages relative to environmental stewardship and the benefits and bounty of nature. We encourage engagement in earth-friendly activities and offer options for re-purposing and recycling of materials from cloth to electronics. We aim for a Zero Waste event and have speakers each year. The yearly theme (from the National American Chemical Society) supplies a suggestion for exhibit and speaker topics. The Earth Action Expo is always held on the last Saturday of April and the 2026 event is slated for Saturday, April 25.

Food trucks, EVs, invited speakers, and over 70 exhibitors are anticipated to be part of this year's community outreach event. For more information, please see https://earthactionexpo.org/. For any questions or to volunteer, please contact Gina Malczewski at reginamalczewski@gmail.com.

2026 Turner J. Alfrey Visiting Professor Lecture Series, June 9

Karol Miller, Administrative Assistant, The Axia Institute, MSU St. Andrews, Midland

MSU St. Andrews is pleased to announce that arrangements are beginning for the 2026 Turner J. Alfrey Visiting Professor Lecture Series. Our guest lecturer this year will be Prof. John M. Torkelson, Walter P. Murphy Professor of Chemical and Biological Engineering and Materials Science and Engineering, at Northwestern University.

Tentative arrangements are as follows:

Date: Tuesday, June 9, 2026 Time: 9:00 AM to 5:00 PM
Location: MSU St. Andrews, 1910 West St. Andrews Road, Midland
Guest Lecturer: Prof. John M. Torkelson

Prof. John M. Torkelson

About Prof. John M. Torkelson

Background information about Prof. Torkelson can be found on his faculty profile web page at the Northwestern University McCormick School of Engineering website: https://www.mccormick.northwestern.edu/research-faculty/directory/profiles/torkelson-john.html. A link to his extensive professional CV may also be found at that website.

Torkelson Research Group Interests

Sustainable and recyclable/upcyclable polymers and composites, nanoscience and nanotechnology of polymers and soft matter, and novel solid-state processing of polymers

Our research motivation is driven by two main desires: (1) to understand at a fundamental level how molecular-scale behavior of polymers relates to macroscale properties; and (2) and to engineer and optimize polymer properties by tuning molecular-scale responses via dynamic chemistry, nanoscale confinement, chain architecture, and novel solid-state processing, among other methods. For example, our group has recently developed numerous simple dynamic covalent chemistry approaches that allow for spent thermosets or crosslinked polymers to be recycled by melt-state processing into new crosslinked polymer products with full recovery of crosslink density and associated properties. In one case, we employ exactly the polymers and fillers used in the tire industry but substitute sulfur-based crosslinking with a dynamic alkoxyamine-based crosslinking method; the latter method yields robust crosslinks at elevated-temperature-use conditions but decrosslinks at yet higher temperatures like those used in tire molding operations, thus allowing melt-state reprocessing. Other methods have been developed for polyhydroxyurethane, polythiourethane, and non-isocyanate polythiourethane crosslinked polymer networks, with these systems also showing promise for monomer recovery from spent polymers, in one case at 94% small-molecule recovery.

We are also developing a deeper understanding of how nanoscale confinement of polymers in thin films or in nanocomposites can lead to major changes in properties, including glass transition temperature (which can change by 50 deg C or more), physical aging, stiffness or modulus, and diffusion, among others. In support of our research efforts, we have developed simple non-destructive characterization tools that allow us to characterize the gradient in behavior from a free surface or substrate/nanofiller. We also are doing fundamental research to understand how polymer architecture (e.g., cyclic or ring polymers, stars, hyperbranched polymers,

brushes, bottlebrushes, etc.) and copolymer structure can modify the bulk and nanoconfined behaviors of polymers. In turn, we are using that understanding to engineer materials for improved performance. Finally, we have been pursuing novel, industrially scalable solid-state processing approaches to design and produce modified polymers, polymer blends, composites, and nanocomposites that cannot be produced by conventional melt-state processing. Our process is the solid-state analog of twin-screw extrusion and allows for much greater work to be done on the polymeric materials during processing. As a result, our solid-state process achieves dispersion levels as well as chemistries that are not attainable with melt-state processing methods.

Additional Information

Additional information will be coming along with a registration link for the Tuesday, June 9, 2026, program, but please save the date and block your calendars now. For more information or any questions, please contact Karol Miller, Administrative Assistant, The Axia Institute, MSU St. Andrews, at 989-423-2046 or mill2785@msu.edu. Also, please watch this newsletter for more information to follow.

Middle School Summer Camp, June 15-19

Gina Malczewski, Outreach Committee, Midland Section ACS

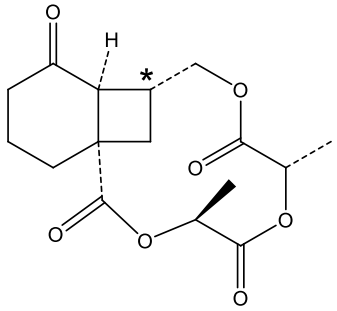
A free Middle School Summer Camp experience is being planned for Monday-Friday, June 15-19, 2026. This science-based summer camp will run each day from 9:00 AM to 12:00 PM at MSU St. Andrews, 1910 West St. Andrews Road, in Midland.

This year's summer camp theme is *"Clean and Green: Chemistry and the Environment."* For more information, any questions, or to volunteer, please contact Gina Malczewski at reginamalczewski@gmail.com. Also, please watch this newsletter for more information to follow.

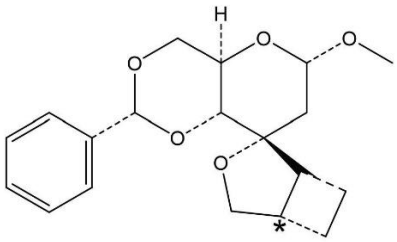
References to R,S-Puzzle Molecules

Wendell L. Dilling, Past Historian, Midland Section ACS

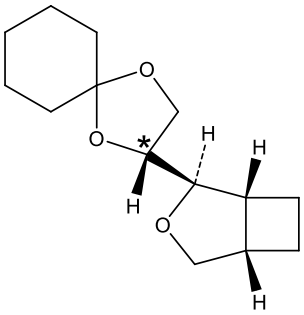
For those who wish to follow up on the molecules that were the subjects of **R,S**-Puzzles, here are the references to those compounds (asterisks designate the asymmetric atom in the puzzles). New puzzles will begin next month.



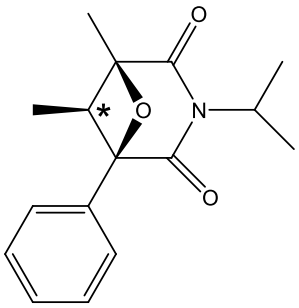
Faure, S.; Piva-Le-Blanc, S.; Bertrand, C.; Pete, J.-P.; Faure, R.; Piva, O. *J. Org. Chem.*, **2002**, *67*, 1061-1070.



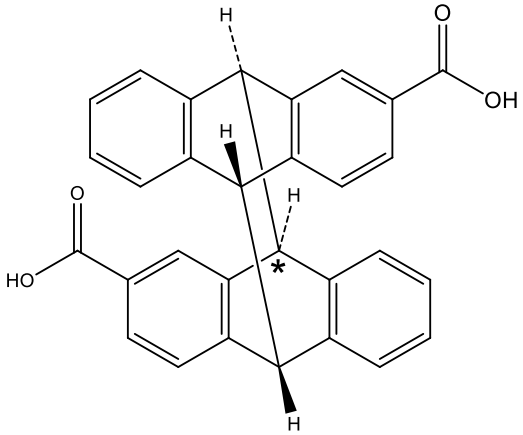
Holt, D.J.; Barker, W.D.; Ghosh, S.; Jenkins, P.R. *Org. Biomol. Chem.*, **2004**, *2*, 1093-1097.



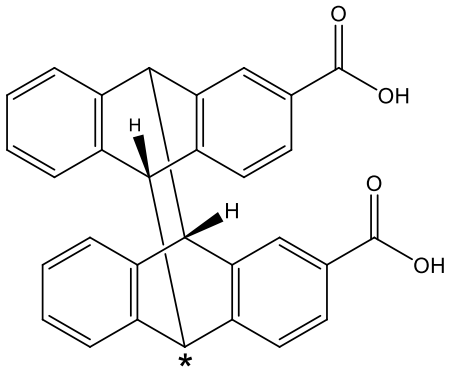
Sarkar, N.; Nayek, A.; Ghosh, S. *Org. Lett*. **2004**, *6*, 1903-1905.



Sakamoto, M.; Takahashi, M.; Fujita, T.; Watanabe, S.; Nishio, T.; Watanabe, S.; Nishio, T.; Iida, I.; Aoyama, H. *J. Org. Chem.* **1997**, *62*, 6298-6308.



Yang, C.; Ke, C.; Liang, W.; Fukuhara, G.; Mori, T.; Liu, Y.; Inoue, Y. *J. Am. Chem. Soc.* **2011**, *133*, 13786-13789.



Chemical Abstracts Service (CAS) Registry Number: 919491-97-7

$C_{30}H_{20}O_4$

5,12[1',2']:6,11[1",2"]-Dibenzenodibenzo[*a,e*]cyclooctene-2,9-dicarboxylic acid, 5,6,11,12-tetrahydro-, (5*R,*6*R,*11*S,*12*S*)-

Volunteers Wanted to Support Local Science Teachers

Kevin Shaughnessy, President, Midland Kiwanis Club

Do you have an interest in helping teachers nurture a curiosity for science? Can you interact with youth and are you able to explain STEM concepts?

The Midland Kiwanis Club has some members currently volunteering in the county schools at the later-elementary school science classes and high school chemistry levels. Support has ranged from assisting with hands-on activities in elementary settings to helping high school teachers set up labs and assist in planning lessons. Each situation is driven by the teacher, with volunteer assistance in a manner requested.

Of recent significance, Midland Kiwanis has had additional interest expressed from principals and teachers across the county to explore additional STEM partnerships. Might you have an interest to share your expertise and time and be a catalyst for STEM learning in local classrooms?

Given that every classroom has unique needs, we'd work with you and the teacher to find the right fit based on the curriculum and your time. This could also be an initial connection for educators to pursue the ACS Science Coaches program.

Your expertise and support can make a lasting impact! For more information, please contact Kevin Shaughnessy at Kmshaug6@gmail.com.

Midland Section ACS Scholarship Fund Reaches $100,000 Goal

Wendell L. and Marcia L. Dilling, Past Midland Section ACS Historians

We are pleased to announce that the Midland Section ACS scholarship fund has reached its $100,000 goal. A significant contribution of $25,000 was made in November 2026, which put us over the top. The value of this fund is now $109,622.60.

The Midland ACS Section Scholarship fund, administered by the Midland Area Community Foundation, stood at $65,592.19 on 10-2-2023; $76,005.29 on 10-4-2024; and $84,622.60 on 10-3-2025. At this rate of increase, another two years would have been required to reach our long-term goal of $100,000 [*The Midland Chemist*, **2002**, *39*, 8 (December), 13]. This is a faster rate of increase than it has been over the life of the scholarship.

In an attempt to accelerate the rate of growth of this scholarship fund we agreed to match 1:1, up to $18,000, any contributions made to this fund starting in May of 2021 [*The Midland Chemist*, **2021**, *58*, No. 5 (May), 9]. We appreciate those of you who responded to this offer.

Thanks to Lin Dorman for originating the idea of Midland Section ACS scholarships and the $100,000 goal. Unfortunately, Lin did not live to see this goal reached. We would also like to thank Heather Crowl for her help as the Scholarship Coordinator and Impact Assistant at the Midland Area Community Foundation.

Now that the goal has been reached more students can be assisted in their quest for a chemistry-related degree.

ACS Spring 2026, March 22-26
Steve Keinath, Co-Editor, The Midland Chemist

Editor's note: The information contained in this article is reprinted, in part, from National ACS email communications to all members, dated Friday, November 7, 2025, and Friday, January 16, 2026.

This in-person and digital meeting will be held in Atlanta, Georgia, USA, and globally from March 22-26, 2026. The ACS150 Countdown is on! Plan to celebrate with us in Atlanta.

Join us for a celebration of 150 years in the making at **ACS Spring 2026** as we honor progress in chemistry and the community that makes it all possible. This celebration is more than just a moment. It's a journey guided by the theme **"Chemistry is Everything"** and shaped by the ACS enduring core values: **passion for science, inclusion and belonging, lifelong learning, and sustainability.**

Join us in Atlanta to experience all the excitement and celebrate the past, present, and future of chemistry with special events, including:

- **ACS Exposition 150th Anniversary Activities and Giveaways**
- **ACS150 Networking Celebration at the ACS Connect Happy Hour**
- **Special Opening Session Honoring the ACS 150th Anniversary**
- **Daily ACS150 Programming in the ACS Expo Theatres**
- **ACS150 International Welcome Reception**

Don't miss out on these events and more. Join us for the celebration.

ACS Spring 2026 Registration Opened Wednesday, December 10

The full PDF file for the ACS Spring 2026 program is now available for printing or downloading to help you start building your schedule with the ACS Spring 2026 sessions and events that you don't want to miss.

The full PDF program was most recently updated on Monday, January 12, 2026. As session information could change, this material will be updated weekly. Please check back regularly to note any changes that may impact your in-person or virtual meeting attendance plans.

ACS Fall 2026, August 23-27
Steve Keinath, Co-Editor, The Midland Chemist

Editor's note: The information contained in this article is reprinted, in part, from a National ACS email communication to all members, dated Wednesday, January 14, 2026.

Call for Abstracts for ACS Fall 2026 Is Now Open
Deadline for Abstract Submissions is Monday, March 30, 2016

Abstracts are now being accepted for **ACS Fall 2026**. This in-person and digital meeting will be held in Chicago, IL, and globally from August 23-27, 2026. Submissions for virtual, in-person, and poster presentations for open symposia in over 30 program divisions are being accepted.

ACS Fall 2026 offers the chance to share your research with the chemistry community. It brings together chemistry professionals, educators, and students worldwide to discover and share research, network, and advance careers. These meetings are an excellent opportunity for professionals and students to showcase their work and connect with colleagues in all areas of chemistry. Visit the website to learn more about the symposia open for submission.

The deadline to submit abstracts is Monday, March 30, 2026.

Upcoming Dates, Events, and Other Updates

- January 12 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at January 2026 ACS Board Meeting Teams Link, Meeting ID: 939 802 115 724 4, Passcode: p6Ey6v.
- January 17 (10:00 AM – 3:00 PM) – Midland Section ACS Outreach event, *Kids' Day at the Mall*, at the Midland Mall, 6800 Eastman Avenue, Midland. For more information, any questions, or to volunteer, please contact Gina Malczewski at reginamalczewski@gmail.com.

- February 2 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at February 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.

- March 2 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at March 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.
- March 22-26, 2026 (Save the Date) – ACS Spring 2026 National Meeting & Exposition, Atlanta, GA. This meeting will be a hybrid in-person and virtual meeting. For more information, please see the information on page 11 or click on **ACS Spring 2026**. Please note: The deadline for abstract submissions was September 29, 2025. Registration opened on December 10, 2025.
- March 30 – **Deadline for abstract submissions for ACS Fall 2026 National Meeting & Exposition**, August 23-27, 2026, Chicago, IL. This meeting will be a hybrid in-person and virtual meeting. For more information, please see the information on page 12 or click on **ACS Fall 2026**.

- April 6 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at April 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.
- April 25 (10:00 AM – 3:00 PM) – Midland Section ACS co-sponsored outreach event, *Earth Action Expo*, Dow High School, Midland. Food trucks, EVs, invited speakers, and over 70 exhibitors are anticipated to be part of this community outreach event. For more information, please see https://earthactionexpo.org/. For any questions or to volunteer, please contact Gina Malczewski at reginamalczewski@gmail.com.

- May 4 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at May 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.

- June 1 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at June 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.
- June 9 (9:00 AM – 5:00 PM, Tentative) – 2026 Turner J. Alfrey Visting Professor program, featuring Prof. John Torkelson of Northwestern University. For more information, please the information on pages 6 and 7. For any questions, please contact Karol Miller, Administrative Assistant, The Axia Institute, MSU St. Andrews, at 989-423-2046 or mill2785@msu.edu. Also, please watch this newsletter for more information to follow.
- June 15-19 (9:00 AM – 12:00 PM) – Free Middle School Summer Camp experience sponsored by the Midland Section ACS. The summer camp will be held at MSU St. Andrews, 1910 West St. Andrews Road, in Midland. The theme of this year's science-based summer camp is *"Clean and Green: Chemistry and the Environment."* For more information, any questions, or to volunteer, please contact Gina Malczewski at reginamalczewski@gmail.com. Also, please watch this newsletter for more information to follow.

- August 3 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at August 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.
- August 23-27, 2026 (Save the Date) – ACS Fall 2026 National Meeting & Exposition, Chicago, IL. This meeting will be a hybrid in-person and virtual meeting. For more information, please see the information on page 12 or click on **ACS Fall 2026**. Please note: **The deadline for abstract submissions is March 30, 2026.**

- September 14 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at September 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.

- October 5 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at October 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.

- November 2 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at November 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.
- November 7-11, 2026 (Save the Date) – ACS 2026 Central Regional Meting (CERM 2026), Cincinnati, OH. Watch here for more information to follow.

- December 7 (7:00 – 8:30 PM) – Hybrid Midland Section ACS Board meeting, Rotunda Room, MSU St. Andrews, Midland (in person), and via a Microsoft Teams videoconference call connection at December 2026 ACS Board Meeting Teams Link, Meeting ID: 938 247 692 044, Passcode: jJ34ZJ.

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