

THE MIDLAND CHEMIST

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Chair Column

Hunter Woodward, Chair, Midland Section ACS



“The history of the sciences is a great fugue, in which the voices of the nations come one by one into notice”

Johann von Goethe

Dearest members, friends, and family of the local ACS,

My column this month will be brief. In this issue of *The Chemist* you will find the phenomenal news that Midland was recently voted to be recognized with its third National Chemical Landmark designation: this time to honor Dr. Bettye Washington Greene as the first Black woman Ph.D. hired in industry. This news occurring during Black History Month is coincidental, but it does facilitate the conversation of inclusion, equity, and diversity in the chemical field. I cannot tell a new story of the racial- and gender-biases that have existed in the field of chemistry throughout history, but as a white cis male I can acknowledge that I have benefited from racist and sexist policies that continue to this day.

One of the American Chemical Society's Core Values is advancing diversity, equity, inclusion, and respect in all forms throughout STEM. I was fortunate to attend the ACS Leadership Institute in January, and the discussion around inclusion and diversity was inspiring. This is a topic that I see generating consistent conversations in both the academic and industrial chemical fields, and I am very happy to participate in these conversations. To be sure, we have a long way to go.

If you are interested in initiating or continuing these conversations in your own local group, please consider hosting a speaker sponsored by the ACS. Opportunities can be found online (<https://www.chemdiversity.org/resources/speakers-directory/>). Reach out to me if you would like help securing funding for such an event (chair@midlandacs.org). Also, please consider reading the ACS Inclusivity Style Guide (<https://www.acs.org/about/diversity/inclusivity-style-guide.html>), which is a fantastic resource to be shared.

A less important but related point can be made, which requires a bit of history dating back to the 1930's. I am an analytical chemist whose background lies close to physical chemistry. My specialty lies in broadband dielectric spectroscopy, which was and is a technique predominantly practiced by physicists. One of the fathers of this technique in its modern sense was Bob Cole (Brown), who was a physicist by degree (Harvard). After taking a position in the chemistry department at Brown, Prof. Cole was advised to apply for membership in the American Chemical Society. The application was "summarily rejected."¹ A phone call from a friend to the ACS executive secretary repaired the issue. It is incomprehensible to us, as modern members of the ACS, to think of a time when physicists were denied membership because of their degree. The ACS welcomes everyone, always, and without requirement. Chemists, engineers, physicists, geologists, and biologists are all welcome here. We all stand together in our mission to advance the field of chemistry to benefit the Earth and its people. We of all backgrounds unite in our vision to improve people's lives through the transforming power of chemistry.

Sincerely at your service,
W. H. Hunter Woodward, Ph.D.
Concerned Chemist
chair@midlandacs.org

¹Cole, R. H. *Annu. Rev. Phys. Chem.* **40**, **1989**, 1-29.



Dr. Bettye Washington Greene to be Recognized with a National Historic Chemical Landmark Midland Section ACS

The American Chemical Society's Board Committee on Public Affairs and Public Relations voted unanimously to approve the nomination to honor Dr. Bettye Washington Greene (1935–1995) with the National Historic Chemical Landmark designation during its December meeting. Dr. Greene is being recognized as the first Black woman Ph.D. hired in industry. The Landmark designation will recognize both Wayne State, her alma mater, and the Dow Midland site, her place of employment.



Dr. Green received her Ph.D. in 1965, the fifth African American woman to complete a chemistry Ph.D. in the United States. Having earned her undergraduate degree in chemistry from the Tuskegee Institute in 1955, she enrolled in the graduate program at the Department of Chemistry at Wayne State University. She completed her Ph.D. in 1965 with a dissertation titled, *Determination of Particle Size Distributions in Emulsions by Light Scattering*, under the direction of Professor Wilfried Heller. Dr. Greene joined The Dow Chemical Company in 1965 as a Research Chemist in the Edgar C. Britton Research Laboratory. Light scattering to determine particle size proved to be an important technology for understanding latex emulsions. During her 25-year career, Dr. Greene worked in both the Britton Lab and the Designed Polymers Research Division, working in latex chemistry throughout. Her legacy in chemistry is significant because her success paved the way for other Black women pursuing careers in chemical industry. She is a trailblazing chemist, who published her research in high-impact scientific journals and patented impactful technology. A short film about Dr. Greene is available at [Celebrating Dr. Bettye Washington Greene](#).

Planning for the Landmark designation ceremony is not yet complete. Work is underway within the Landmarks Committee to complete the lesson plans and other details. Stay tuned for updates concerning the community event to honor Dr. Greene for her legacy.

Midland was previously recognized with two National Historic Chemical Landmarks, for the Electrolytic Production of Bromine by Herbert H. Dow in 1997 and for Development of Gas Chromatography-Mass Spectrometry in 2019.



Bettye Washington Greene Endowed Memorial Lecture Series Inaugurated at Wayne State University

Vickie Langer, Co-Editor, The Midland Chemist

Editor's note: The article as it appears below is reprinted, in part, from the December 10-11, 2022, weekend issue of the *Midland Daily News*. The article was authored by *Midland Daily News* staff. Photo credits: Wayne State University.

The Bettye Washington Greene Endowed Memorial Lecture Series was launched on Oct. 28 at Wayne State University.

The late Greene was a Midland resident, and several former friends and colleagues along with a group of Dow managers attended this event honoring her as a research chemist, a Wayne State alumna, and the first African American woman Ph.D. chemist hired by Dow, beginning her work in the E.C. Britton Lab in 1965.

The series was initiated by Wayne State Professor of Chemistry Dr. Christine Chow with a \$50,000 seed gift. The Dow Foundation joined the university effort with a \$50,000 gift which set in motion contributions from former colleagues and members of the Midland community.

A native of Fort Worth, Texas, Greene attended segregated schools in the 1940s and 1950s. She earned her B.S. in chemistry at Tuskegee Institute in Alabama (now Tuskegee University) and married her veteran airman classmate William Miller Greene in 1955 before entering the Ph.D. program at Wayne State University.

Greene entered Wayne State at a time when African American women rarely pursued careers in science, let alone doctoral programs.

At Wayne State, Greene worked as a research associate in physical chemistry under the mentorship of Professor Wilfried Heller. Her doctoral research revealed a new way to determine the size of particles through light scattering, knowledge which still impacts our lives today with applications in pharmaceuticals and cosmetics.

After earning her Ph.D. in 1965, Greene was hired by Dow in Midland as a research chemist in the Edgar C. Britton Laboratory as the first African American woman Ph.D. to work in chemical research at the company.

Dr. Clarice Phelps, nuclear chemist at Oak Ridge National Laboratory, was the keynote speaker at this inaugural lecture of the series.

She shared her journey from Tennessee State University in 2003 to the Nuclear Power program in the U.S. Navy, work as a nuclear operations technician at ORNL, to nuclear security and isotope technology at ORNL, where she was on the team that purified the isotope which would be used to confirm the discovery of element 117 (tennessine) on the periodic table.

In 2019, Phelps was recognized as the very first African American woman involved in element discovery. Her lecture at Wayne State was designed to encourage students to enter and persist in science careers. The annual lecture will present future speakers who will also promote this goal.



Dr. Clarice Phelps, nuclear chemist at Oak Ridge National Laboratory, and Dr. Willetta Greene-Johnson, Greene’s daughter and professor of physics and chemistry at Loyola University in Chicago.



Dr. Clarice Phelps, nuclear chemist at Oak Ridge National Laboratory.



From left to right, Inclusion, Diversity and Equity Relationship Manager at Dow Tiffany Torain, President Midland Delta Sigma Theta Sorority Mary Henley, Dr. Bettye Greene's daughter and physics and chemistry professor at Loyola University in Chicago Dr. Willetta Greene-Johnson, Midland author and historian Dr. Betty Jones, and retired Dow Chemical Engineer Dr. Victor Atiemo-Obeng.

In her research career at Dow, Greene published studies in peer-reviewed journals that established her expertise in latex materials and polymers. She was promoted to senior research chemist in 1970 and three years later joined the Designed Polymers Division. She was later assigned to the Dow Interdisciplinary Group (DIG) with an emphasis on latex products.

“As a consultant on our polymer issues in the Saran Research Lab, Bettye Greene was one of our highly recognized polymer research scientists, and our Styrene Butadiene (SB) Latex group was often reliant on her knowledge and expertise,” said Rudolph Lindsey, retired Dow chemical engineer.

Greene hold three U.S. patents and two Canadian patents. The 2021 issue of Chemical Science and Engineering, published by the American Chemical Society, cites Greene as a “trailblazer” in polymer chemistry.

Greene retired from Dow in 1990. She passed away suddenly of cardiac arrest at her Midland home on June 16, 1995. Her career achievements at Dow are documented in “Othemalia” at the Othmer Library of Chemical History in Philadelphia, Pennsylvania.

Greene is warmly remembered among Midland friends and former colleagues at Dow. Her groundbreaking research in polymer chemistry has moved the chemical industry forward and further carved new pathways to successful careers for the many African American women scientists who followed her.

A devoted wife, mother, and member of her community, Greene was an active member of the Midland Black Coalition (MBC) and a charter member of the Midland Alumni Chapter of Delta Sigma Theta Sorority, a national public service organization promoting the success of African American women. Her brilliant accomplishments in academic and industrial chemistry research leave a lasting mark on the field of chemistry and in the lives of all she inspired.

Greene's daughter, Willetta Greene-Johnson, attended this first lecture in her mother's honor. Greene-Johnson is an honors graduate of Midland High School and earned her Ph.D. in physics from the University of Chicago. Currently a professor of chemistry and physics at Loyola University in Chicago, she is also the leader and composer for a popular gospel performance group that she directs and where she also performs.

Son Victor Greene is employed as a health technician, and daughter Lisa Greene is a teacher in Texas.

The Dow Foundation has been a primary contributor to the Bettye Washington Greene Endowed Memorial Lecture Series in partnership with the Wayne State University Foundation, and a notable number of current Dow managers attended the inaugural lecture along with Wayne State students in STEM programs and several friends and colleagues from Midland.

"Dow has and always will rely on STEM graduates to sustain the company and its ambition to be the most innovative, customer-centric, inclusive, and sustainable materials science company in the world. We welcome our interaction in the Midland community and with Wayne State University as a key partner," said David Parrillo, Dow's vice president of core research and development. "We must continue to inspire the next generation to be curious, resilient, and enthusiastic about opportunities."



Earth Day Action Expo 2023, Save the Date, April 22
Gina Malczewski, Outreach Committee, Midland Section ACS

Midland Section ACS Outreach event, "Earth Day Action Expo 2023." Free event at H.H. Dow High School, in Midland. Activities for all ages, and open to everyone. Co-sponsored by Midland Section ACS, Midland Center for the Arts, Midland Recyclers, Dow High Go Green Club, and MSU St. Andrews. Watch here for more details to follow. For more information, please contact Gina Malczewski at reginamalczewski@gmail.com.

SAVE THE DATE
EARTH DAY
ACTION EXPO 2023

11 A.M. - 3 P.M.
SATURDAY APRIL 22
HH Dow High School

Ecology Activities!
Food Trucks!
Give-Aways!

Hands-On Science!
Arts & Crafts!
40+ Exhibitors!

Activities for all ages!
FREE AND OPEN TO EVERYONE
TO CELEBRATE EARTH DAY!

2023 Chemists Celebrate Earth Week Theme: The Curious Chemistry of Amazing Algae

ACS Local Section
Midland

MIDLAND
CENTER
FOR
ARTS

midland
recyclers

DOW HIGH
GO
GREEN

MSU St. Andrews
MICHIGAN STATE UNIVERSITY

Announcing the 2023 Spring Awards Banquet and Call for Nominations
Diana Deese, Awards Committee Chair, Midland Section ACS

The date for the 32nd annual American Chemical Society Midland Section Spring Awards Banquet has been set for Wednesday, May 3, at the Great Hall Banquet & Convention Center in Midland, when we will, again, be recognizing outstanding educators, volunteers, and colleagues that you will have graciously taken the time to nominate.

The date will sneak up on us quickly, so I am asking that you take a moment to read through the awards that are open for nominations and consider nominating a worthy peer. Details of the program, including the featured speaker, are still being finalized. Watch for future issues of the *Midland Chemist* for more information and how you can register. I promise that it will be another enjoyable evening including dinner, networking, and business casual dress.

The awards banquet is a great way to connect with others in chemistry and the related sciences. We will recognize students and those in education and industry, ... those who have gone before us, those who teach the next generation, and those who will be following in our footsteps. Please consider joining us on Wednesday, May 3, for a night of good food and great fun!

As always, my goal is to have a representative outstanding student from each high school in the Midland Section area and to have a nominee for each award offered this year. I am counting on your help to make this happen as I know that we have very deserving people in every category!

The process of nominating is very easy. The minimum submission criteria for nominations are a quality nominating letter extolling the virtues of your nominee and supporting the criteria of the award, along with one supporting letter of recommendation (two letters are even better). Outstanding high school and collegiate student awards require only the nomination form submitted by the appropriate chemistry teacher or college department head.

Consider getting your colleagues together for lunch and putting together a packet. If you are in a managerial role and are worried about favoritism, consider nominating 2-3 qualified persons (you will remain anonymous, if requested, and nominations are considered for three years). If you would like to be considered for an award, there is the option to self-nominate. If you are a parent, consider nominating your child's outstanding science or chemistry teacher, or a science volunteer you know.

It only takes about one hour to put together an award-winning letter and an additional 15 minutes soliciting supporting letters. Think of what it will mean to that person and how good you will feel about your good deed.

Nomination packets for all awards (except outstanding high school and collegiate awards) must, at a minimum, consist of a current resume or equivalent, and at least one supporting letter in addition to your letter of nomination, all stating why the nominee is deserving of the award with specific examples of professional involvement/growth, contributions to industry, and outside affiliations.

It is highly recommended that the nomination includes a publications and patent list where applicable. Additional letters of support can come from students, parents, community members, and/or administrators. An example nomination letter can be requested from the awards chair via email.

Nominees must not have received the award that they are being nominated for within the past 10 years. Full listings of past award recipients are available on the website:

<https://awards.midlandacs.org/recipients.html> and https://awards.midlandacs.org/past_recipients.html

The complete listing of past recipients also was published in the January edition of the newsletter, available at [The Midland Chemist – January 2023 \(midlandacs.org\)](https://www.midlandacs.org).

Nominations not meeting the minimum requirements, and submissions received after the **Friday, March 31, 2023, deadline**, will not be considered.

For those of you sequestered in labs who feel you might not be able to attend unless you nominate someone, I say save the date and come on out for a night of food, fun, and fraternization! We will announce the speaker and have reservation forms available in March. Watch for more detailed information right here in *The Midland Chemist*!

As always, contact me if you have any questions: Diana Deese, Midland Section ACS Awards Committee Chair (dkdeese@dow.com).

Call for Nominations: 2023 Teaching, Volunteer, Education, Chemical Sciences Awards
Diana Deese, Awards Committee Chair, Midland Section ACS

Each year, the Midland Section of the American Chemical Society presents awards to recognize outstanding achievement in the chemical sciences. We are seeking nominations in the following categories (details on each award can be found in the January issue of *The Midland Chemist*, available at [The Midland Chemist – January 2023 \(midlandacs.org\)](http://TheMidlandChemist-January2023.midlandacs.org)):

- Outstanding Achievement: Elementary Level Science Teaching
- Outstanding Achievement: Middle Level Science Teaching
- Outstanding Achievement: High School Chemistry Teaching
- Outstanding Achievement: College Chemistry Teaching
- Science Education Volunteer of the Year
- Outstanding Achievement and Promotion of the Chemical Sciences
- Outstanding Service to the American Chemical Society
- Outstanding Chemical Technician
- Outstanding High School / College Chemistry Students
- Team Innovation Award

The deadline for nominations is Friday, March 31, 2023. Nominations not meeting the minimum requirements, and submissions received after the March 31 deadline, will not be considered. Mail or fax submissions are acceptable; *electronic (email) submissions are preferred*. All submissions must be accompanied by the name, position, address, and phone number of the nominator.

For example nominations or more detail on any award, please contact Diana Deese. *Electronic submissions are acceptable and preferred.*

Diana K. Deese, Chair, Midland Section ACS Awards Committee
Phone: (989) 636-9915, Email: dkdeese@dow.com or awards@midlandacs.org





American Chemical Society – Midland Section

Nomination Form for 2023 Outstanding High School / Collegiate Chemistry Student

(Note: One nominee per school, please)

Dept. Chair or other Nominator: _____

Telephone number: _____

Email address (required): _____

School: _____

Student's name: (Mr./Ms.) _____
(Indicate) (Please print legibly)

Home address: _____

Telephone number: _____

Email address (required): _____

Student's career/postgraduate plans (if known):

Please return this form to the following address no later than **Friday, March 31, 2023:**

Diana K. Deese, ACS Awards Committee Chair, Midland Section

Phone: (989) 636-9915 Email: dkdeese@dow.com

ACS National Awards for 2023–2024 Nomination

Diana Deese, Awards Committee Chair, Midland Section ACS

Criteria and deadlines for the National ACS awards, and other grants and considerations, can be found at <http://www.acs.org/content/acs/en/funding-and-awards/awards/national/nominations.html>

The full list of National ACS awards by title can be found at <https://www.acs.org/content/acs/en/funding-and-awards/awards/national/bytopic.html>

Several Midland Section ACS members have received various National ACS awards over the years. A list of past recipients may be found in the January edition of the newsletter at [The Midland Chemist – January 2023 \(midlandacs.org\)](http://www.midlandacs.org).

ACS Fall 2023 National Meeting – Harnessing the Power of Data

Steve Keinath, Co-Editor, The Midland Chemist

Abstracts for oral and poster presentations for the ACS Fall 2023 National Meeting & Exposition are now being accepted. The meeting theme, **Harnessing the Power of Data**, will be at the core of programming. Sessions for the hybrid meeting (in-person & virtual) will be held in San Francisco, CA, and virtually, August 13-17, 2023. Those who wish to submit an abstract will have the option of selecting a virtual or in-person abstract submission.

ACS Meetings & Expositions bring 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.

Please visit the [ACS Fall 2023 meeting website](#) to find a list of the programming divisions and planned symposia open for abstract submissions. **The deadline to submit an abstract is Tuesday, April 4, 2023.**



2023 Turner J. Alfrey Visiting Professor Program – Save the Date, June 6
Clare Light, Project/Event Coordinator, MSU St. Andrews

We are pleased to announce that **Prof. Karen Wooley** (photo at right) from [Texas A&M University](#) will be the guest lecturer for the [2023 Turner J. Alfrey Visiting Professorship](#).

Date: Tuesday, June 6, 2023 Time: 9:00 AM to 5:00 PM
Location: MSU St. Andrews, 1910 West St. Andrews Road, Midland
Guest Lecturer: Prof. Karen Wooley

Watch here for more details to follow. For more information, please contact Clare Light at lightcla@msu.edu.



Midland Section ACS Scholarship Fund Update and Encouragement to Give in 2023
Gina Malczewski, Director and Scholarship Committee, Midland Section ACS

In May of 2021, **Dr. Wendell and Marcia Dilling** (photo at right) issued a challenge relative to growing the Midland Section ACS Scholarship Fund. At that time, they committed \$18,000 of matching money to grow the fund to \$100,000 by matching dollar for dollar all contributions made to the fund until it reached the target goal.

To date, there have been six contributions amounting to \$1,980.76, and recently Wendell and Marcia honored their matching donation commitment by submitting a check in the amount of \$2,000 to the Midland Area Community Foundation, the entity that holds and manages the Midland Section ACS Scholarship Fund.



Wendell and Marcia have recommitted to their original pledge and will continue to provide matching money until their contribution reaches \$18,000, or perhaps a little more upon future reflection. The long-rang goal remains the same, to increase the Midland Section ACS Scholarship Fund principal balance to \$100,000 to enable offering additional and perhaps larger year-by-year scholarships to well-deserving students across the greater Midland Section ACS region.

Although the current balance in the scholarship fund is a little less than where it stood when Wendell and Marcia issued their matching gift challenge (\$60,458.49 as of mid-September 2022), the investment strategies practiced by the Midland Area Community Foundation remain sound. Since May of 2021, the fund balance has decreased a mere 6.9%, pretty remarkable when considering what many of us have been seeing with the value of our own personal retirement accounts.

Continuing to invest now, when the stock market is in a bear market, means that proportionally lower cost shares of stock can be purchased now that will ultimately produce greater yields when the stock market turns around once again.

The Midland Section ACS has been proud to offer scholarships to deserving undergraduate students majoring in a chemical science since 2002. Annually, two to four scholarships are awarded to candidates who have graduated from a high school in one of the Section's five counties (Bay, Midland, Saginaw, Isabella, and Gratiot), are studying at a Michigan university, and are ideally intending to pursue a career in some aspect of chemistry or chemical engineering. Selections are made by a committee and are based on academics, service and extracurricular contributions, and an essay on the student's sources of motivation as well as future plans. Past scholarship recipients are often highlighted in issues of the *Midland Chemist*.

Awards usually range from \$1,000-2,000, depending on the financial performance of the Midland ACS Scholarship Fund (#399) administered through the Midland Area Community Foundation. A long-standing goal of the Midland Section ACS has been to raise the base amount to \$100,000 to serve more students.

Wendell and Marcia Dilling, both chemists and long-time supporters of the Midland Section ACS, are prepared to continue to help us reach that goal by donating up to \$18,000 as part of a challenge grant to the scholarship fund. **They will match 1:1 any new contributions to the fund at the Midland Area Community Foundation over the next couple years.**

Please consider contributing to this worthwhile cause. **Your donations will help shape the future of chemistry!** If you have any questions about contributing to the Midland Section ACS Scholarship Fund, please call the Midland Area Community Foundation at 989-839-9661. Thank you.

An online donation form can be found through the following link:

[Midland Section American Chemical Society Endowed Scholarship Fund #399](#)



Upcoming Dates, Events, and Other Updates

- February 6 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - February 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- March 6 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - March 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- March 26-30, 2023 – ACS Spring 2023 National Meeting & Exposition, Indianapolis. In-person and virtual hybrid meeting format. Meeting theme: *Crossroads of Chemistry*. For more information about the ACS Spring 2023 meeting, please see [ACS Spring 2023](#).
- March 31 – **Deadline for Midland Section ACS Spring Awards nominations** to honor outstanding educators, volunteers, and colleagues. For more information, contact Diana Deese, Midland Section ACS Awards Committee Chair, at dkdeese@dow.com or 989-636-9915.
- April 3 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - April 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- April 4 – **Deadline to submit abstracts for the ACS Fall 2023 National Meeting & Exposition**, San Francisco, CA, August 13-17, 2023 (in-person and virtual). Meeting theme: *Harnessing the Power of Data*. For more information, please see [ACS Meetings & Expositions - American Chemical Society](#).
- April 22 (11:00 AM to 3:00 PM) – Midland Section ACS Outreach event, “*Earth Day Action Expo 2023*.” Free event at H.H. Dow High School, in Midland, open to everyone. For more information, please contact Gina Malczewski at reginamalczewski@gmail.com.
- May 1 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - May 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- May 3 (5:30 – 9:00 PM, tentative) – Midland Section ACS Spring Awards Banquet, Great Hall Banquet & Convention Center, 5121 Bay City Road, Midland. Cost: TBD. For more information or any questions, please contact Diana Deese, Midland Section ACS Awards Committee Chair, at dkdeese@dow.com or 989-636-9915.
- June 5 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - June 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- June 6 (9:00 AM to 5:00 PM) – 2023 Turner J. Alfrey Visiting Professor program, featuring Prof. Karen Wooley from Texas A&M University, MSU St. Andrews, 1910 West St. Andrews Road, Midland. For more information, please contact Clare Light at lightcla@msu.edu.
- August 7 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - August 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- August 13-17, 2023 – ACS Fall 2023 National Meeting & Exposition, San Francisco, CA. This meeting is being planned as an in-person and virtual hybrid meeting. Meeting theme: *Harnessing the Power of Data*. For more information, please see [ACS Meetings & Expositions - American Chemical Society](#).

- September 11 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - September 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771. **Please note: This Board meeting is being held on the second Monday of September, not the usual first Monday of most months due to the Labor Day holiday.**
- October 2 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - October 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- November 6 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - November 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.
- December 4 (7:00 – 8:00 PM) – Hybrid Midland Section ACS Board meeting, MSU St. Andrews, Midland (in person), and via a WebEx conference call connection at [Webex Board Meeting - December 2022](#), Meeting number: 2651 874 4771, or by phone at Phone number: 650-215-5228, Access code: 2651 874 4771.

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