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Midland Section ACS Has Scholarships Available! Gina Malczewski, Midland Section ACS

Since 2002, the Midland Section of the ACS has offered scholarships to residents of our five-county area (Isabella, Gratiot, Midland, Bay, and Saginaw) who are majoring in one of the chemical sciences. Current rules stipulate the applicant can be attending any Michigan college or university. An essay is required. The application window opened December 1 and will close March 1. Details are available at the Midland Area Community Foundation website: https://midland.egrant.net/login.aspx?PIID=147&OID=10.

We also gratefully accept donations to the Midland Section ACS scholarship fund, so if you are interested in helping us provide financial assistance to the next generation of chemists, please visit: https://www.midlandfoundation.org/fund/midland-section-american-chemical-society-endowed-scholarship-fund-399/.

In 2020, the Midland Section ACS will award two \$1,500 scholarships. If you would like to volunteer to review the scholarship applications, please contact Gina Malczewski at reginamalczewski@gmail.com. The review process is electronic and rubric-based.

Dave Stickles: MLK Drum Major Award Honoree Gina Malczewski, Midland Section ACS

Long-time ACS volunteer and Mid-Michigan Technicians Group (MMTG) member Dave Stickles was honored for his service to education at the Great Lakes Bay Regional Martin Luther King Jr. Celebration on Wednesday, Jan. 22, at 7 p.m. in SVSU's Malcolm Field Theatre for Performing Arts. Dave received the Midland County Drum Major Award; Carolyn Wierda was recognized by Bay County and the late Charles McNair by Saginaw County.

Dave has served in multiple capacities on the Board for the Michigan Chapter of The Huntington's Disease Society of America since 2000. He has been a Midland Special Olympics assistant coach for basketball and softball, and is currently helping as a referee/umpire. For 34 years Dave worked with children in the Midland Big Brothers Big Sisters (BBBS) program, and he coached BBBS – Optimist Wildcat Softball for 44 years.

We are best acquainted with Dave's contributions to ACS—he has served as an officer for MMTG and a Board member for ACS; he has also won Local Section Volunteer of the Year and the National Chemical Technician Award. Dave is a Dow Corning retiree and currently volunteers for nearly every Section Outreach event. He helped organize Sci-Fest (our National Chemistry Week event) for many years, even as it became part of the Great Lakes Bay Regional STEM Festival; he now coordinates the ACS event with Michelle Rivard.

Dave is very deserving of this honor, and of our thanks for his many community contributions--congratulations, Dave!



Photo by Gina Malczewski

Women's STEM Night at MCFTA – February 11 Midland Center for the Arts

Tuesday, February 11, 2020 | 7 PM

Doors open at 6 PM, with hands-on activities offered 6 – 7 PM, and following the lecture.

Location: Midland Center for the Arts Founders Room

Celebrate International Day of Women and Girls in Science! Everyone – women and men! — are invited to join us for a conversation with area women about the challenges women face in the sciences and hurdles they encounter in reaching the upper echelons of the science world. Stay for fun, hands-on science activities inspired by women scientists from throughout history.

Panelists will include:

Robbyn Prange, Associate R&D Director, Dow Germaine Foley, Psychiatry Account Manager, Lundbeck Dr. Katrina Piatek-Jimenez, CMU Mathematics Dept Amy Beasley, Dow Diversity Equity & Inclusion Consultant seconded to Midland Public Schools Shannon Martin, D.O., MPH

A free and unticketed event. Cash bar will be available.

Part of the Perspectives Series at Midland Center for the Arts. Explore the series here.

Sponsors:

Activities sponsored by Alpha Kappa Alpha, Dow STEM Ambassadors, SVSU Department of Electrical & Computer Engineering, and the Society of Women Engineers Mid-Michigan.

Nominations Open for ACS Fellow – March 1 deadline *Mark Jones, Chair, Midland Section ACS*

Nominations for ACS Fellows are now being accepted and the Midland Local Section Board of Directors is seeking potential nominees. The Local Section can nominate one potential Fellow per year. Nominees for ACS Fellows must be current members, including retired and emeritus members, in good standing of the American Chemical Society. Fellows are selected based on documented excellence and leadership in two broad areas. The first is demonstrated excellence and leadership in chemistry, the profession, education or management. The second is for volunteer service to the ACS. Nominations are asked to address both areas. In addition, nominees must show documented commitment to safety, ethics and conduct consistent with the Chemical Professional's Code of Conduct. Nomination for other awards, including national, regional, or local ACS awards, does not disqualify a member from being nominated for ACS Fellow, and, in fact, may actually help support the nomination. More information can be found on the ACS website at https://www.acs.org/content/acs/en/funding-and-awards/fellows.html.

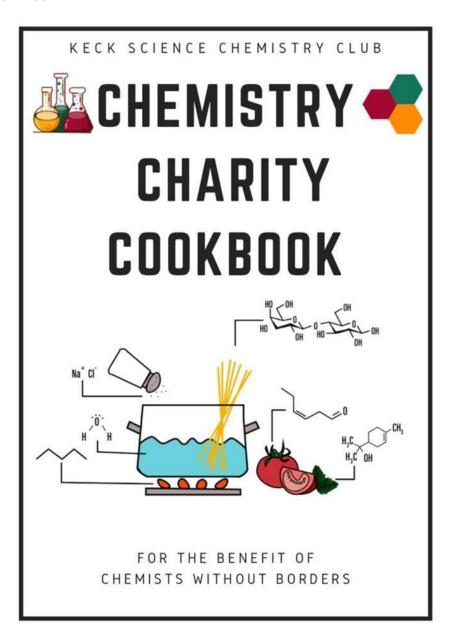
Please forward a brief, up to 300 word description, of potential nominees for the ACS Fellows program to Mark Jones at acs_mj@mjphd.net before March 1. Self-nominations will be accepted for consideration by the Local Section Board. Suggestions should be made with the full knowledge and consent of the potential nominee. Nominations for ACS Fellows are accepted from ACS National Committees, Divisions, Local Sections and any individual ACS Member.

Earth Day 2020 Save the Date – April 19 Gina Malczewski, Midland Section ACS



Chemistry Cookbook to Benefit Chemists Without Borders Ronda L. Grosse, Director, Chemists Without Borders

We are pleased to announce that a chemistry themed cookbook is now available! This cookbook was put together by students and faculty at the W.M. Keck Science Department, which is a shared resource of the Claremont Colleges in California. The book includes a range of gluten free, vegan, and kid friendly recipes that are laid out in experiment format similar to a laboratory notebook. Over 40 delicious recipes that are sentimental to chemistry community members are included. The price is \$40, and 100% of profits are donated to Chemists Without Borders. The cover page is shown here; please go to https://www.chemistswithoutborders.org/News/chemistry-cookbook.php to view an example recipe, or click here to buy a copy. A PDF version is also available for \$15.



Midland ACS Centennial Exhibit: Gone but not Forgotten! Gina Malczewski, Midland Section ACS

The Midland ACS Centennial Exhibit ("A Century of Science and Service") closed on December 21, 2019, after a successful seven-month run at the Herbert D. Doan Midland County History Center on Main Street. The exhibit opened on May 10 with a reception; throughout the year hands-on programs at the Doan featured SaranTM Wrap, STYROFOAM, Silly Putty, superabsorbent polymer and Holiday Science (with a red-green theme). The Halloween/National Chemistry Week event at the exhibit attracted 200 attendees, and the Sam Kean presentation/book-signing was also popular. A chemistry stamp and postal cancellation program was held at the site on June 6, and Silver Circle hosted a Centennial Celebration lunch there on October 8. The exhibit was also a destination for school visits, as well as for senior and cultural groups.

Fred Buchholz received a \$25 Gratzi gift certificate for correctly answering the exhibit-related questions published in several newsletters; a Great Lakes Ice Cream gift certificate was awarded to one of those who used our digital feedback platform. Others who successfully completed in-exhibit puzzles were also given prizes. Free silly putty was available inside the exhibit.

The exhibit was inventoried and packed right after the new year with the help of CMU Museum Studies students, and is now temporarily stored at CMU, awaiting future relocation. The Castle Museum has expressed interest in the full exhibit for 2021. We are also willing to loan sections to appropriate venues; anyone interested in discussing a display should contact Gina Malczewski (reginamalczewski@gmail.com).

The centennial website (www.midlandacs100) will stay up and will be updated with news about the exhibit, and other Section events. For those who missed the exhibit, graphic layouts are available at http://midlandacs100.org/exhibit/; an early tour video and photos can also be accessed at:

https://www.youtube.com/watch?v=VCVxKwQDAl0

https://drive.google.com/drive/folders/1BaxQfHsh0UMLRbC RuDfz7CPHhi7yEI0

Again, we would like to thank the Committee: Angelo Cassar, Stacy Daniels, Wendell Dilling, Gina Malczewski, Jim Malek, and Joan Sabourin—and our CMU collaborators. We also greatly appreciate the support of our benefactors (most notably the H.H. and Grace A. Dow, Rollin M. Gerstacker, Charles J. Strosacker and Doan Family Foundations). Northwood University and the Midland Center for the Arts graciously donated the venue. We also owe a debt of gratitude to our fantastic designer, John Metcalf of Good Design LLC.



Third graders from Calvary Baptist Academy at the exhibit, showing off their free Silly Putty.

Photo: Gina Malczewski



Overview of the Midland ACS history exhibit "A Century of Science and Service" Photo: ClearRiver Marketing Services

Announcing the 2020 Spring Awards Banquet and Call for Nominations Diana Deese, Awards Committee Chair, Midland Section ACS

The date for the 29th annual American Chemical Society Midland Section Spring Awards Banquet has been set for Wednesday, May 6, 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 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 for a night of good food and great fun!

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). 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 required, 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 include 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 e-mail.

I have listed previous award recipients in the January issue of *The Midland Chemist* (<u>January newsletter</u>), as nominees must not have received the award that they are being nominated for within the past 10 years.

Nominations not meeting the minimum requirements, and submissions received after the March 28, 2020 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! 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: 2020 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. Nominations for the 2020 awards are invited for the following areas:

- Outstanding Elementary Level Science Teaching
- Outstanding Middle Level Science Teaching
- Outstanding High School Chemistry Teaching
- Outstanding College Chemistry Teaching
- Science Education Volunteer of the Year
- Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences, and Engineering
- Outstanding Achievement and Promotion of the Chemical Sciences
- Outstanding Service to the American Chemical Society
- Outstanding Chemical Technician
- Outstanding High School / College Chemistry Students

Outstanding Science / Chemistry Teaching Awards

Candidates for the teaching awards must be educators at schools in the five-county geographical area of the Midland Section: Bay, Gratiot, Isabella, Midland, and Saginaw Counties. One candidate will be recognized for their teaching contributions in each of the following categories: Elementary, Middle Level, High School, and College.

Science Education Volunteer of the Year

The Science Education Volunteer of the Year award is presented to an individual who makes a substantial contribution to science learning in the Midland Section through voluntary efforts.

Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences, and Engineering

This award recognizes a person or group residing in Midland, Bay, Saginaw, Isabella, or Gratiot County for outstanding achievement in enhancing the participation of under-represented groups in the study of chemistry, related sciences, and engineering. The nomination must come from a Midland Section ACS member. The criteria for this award include teaching, mentoring, serving as a role model, and active and sustained participation in organizations that support diversity which have had a demonstrable impact on the promotion of diversity in chemistry, related sciences, and engineering. Members of the Midland Section Minority Affairs Committee are ineligible to receive this award.

Outstanding Achievement and Promotion of the Chemical Sciences

Each year the Midland Section honors an individual residing within the Section's geographical area who has demonstrated outstanding achievement and promotion of the chemical sciences. This award recognizes dedication and service to the chemical profession, but the recipient need not be an ACS member.

Outstanding Service to the American Chemical Society

The Section sponsors an annual award to recognize outstanding service to the Midland Section of the ACS. This award recognizes achievement in the promotion of the goals and objectives of the Society. Nominees shall be members of the Midland Section. Nominations should include a history of service to the Midland Section, and supporting letters from fellow ACS members.

Outstanding Chemical Technician

The Section presents an annual Outstanding Chemical Technician Award to an individual who has demonstrated an extremely high degree of professionalism as a chemical technician. Nominees must have worked for five years as a chemical technician, or in a related field, and whose primary job includes conducting experimentation or correlating information to help solve chemical problems or discover new chemical knowledge. The nominee must have successfully completed a two-year post-high school level chemistry curriculum leading to an associate degree, the equivalent course in a baccalaureate program, or equivalent experience. Chemical technicians do not need to be an ACS member to be eligible for this award. Nominations should include outside affiliations. Request the National ACS nomination form from the awards chair to nominate in this category.

Recipients of all awards will be selected by the Awards Committee with the exception of the Outstanding Achievement and Promotion of the Chemical Sciences award which is submitted to the Midland Section ACS Executive Committee for approval. Nominators should write a letter indicating the award and describing the attributes of the candidate.

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 include a publications and patent list where applicable. Additional letters of support can come from students, parents, community members, and/or administrators.

The deadline for nominations is Saturday, March 28, 2020. Nominations not meeting the minimum requirements, and submissions received after the March 28 deadline, will not be considered. Mail or fax submissions are acceptable; *electronic (e-mail) submissions are preferred*. All submissions must be accompanied by the name, position, address, and phone number of the nominator.

Outstanding High School / College Chemistry Students

The Awards Committee also recognizes outstanding chemistry students at the high school and collegiate levels. Those students should be selected by their respective departments, and their names forwarded to the Awards Committee using the form attached to this call for nominations. One selection per school; no supporting letters are needed.

Award recipients as well as Chemistry Olympiad winners and Fifty/Sixty/Seventy Year ACS Members will be honored at the 2020 ACS Spring Recognition Dinner at the Great Hall Banquet & Convention Center, in Midland, on Wednesday evening, May 6, 2020.

The Awards Committee greatly appreciates the efforts involved in nominating someone, and wishes to thank you for helping to recognize deserving students, colleagues, and educators in our local section. Please pass this information along to anyone involved in our local science programs!

Now that you realize how exciting it is to nominate someone at the local level and you want to do more, I invite you to peruse the veritable cornucopia of awards the American Chemical Society offers at the national level. I have listed the web addresses where you can find out more information relative to each award and the criteria for nomination. Now is the time to begin nominations for National ACS awards for 2020-2021 as most annual reviews have a deadline of around November 1.

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

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

Phone: (989) 636-9915, E-mail: dkdeese@dow.com or awards@midlandacs.org



American Chemical Society – Midland Section

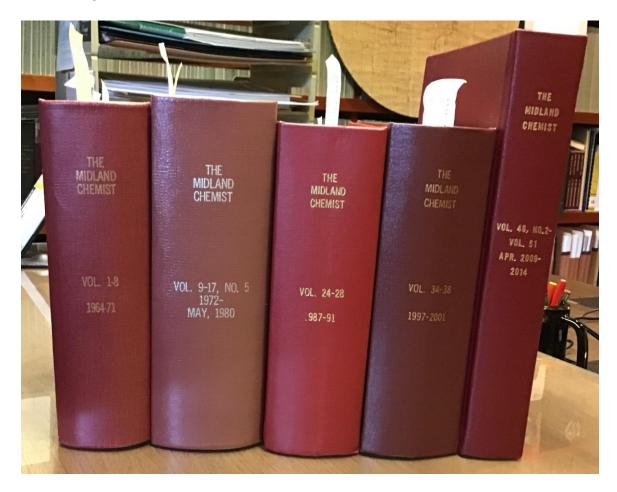
Nomination Form for 2020 Outstanding High School / Collegiate Chemistry Student

(Note: One nominee per school, please)

Dept. Chair or other Nominator:
Telephone number:
E-mail address (required):
School:

Student's name: (Mr./Ms.)(Indicate) (Please print legibly)
Home address:
Telephone number:
E-mail address (required):
Student's career/postgraduate plans (if known):
Please return this form to the following address no later than March 28, 2020:
Diana K. Deese, ACS Awards Committee Chair, Midland Section Phone: (989) 636-9915 E-mail: dkdeese@dow.com

In Past Issues of *The Midland Chemist*Wendell L. Dilling, Director and Historian, Midland Section ACS



From these volumes . . .

50 Years Ago, *The Midland Chemist* **1970**, *7*, No. 2, 4.

In *Highlights from Midland Section Board of Directors Meeting – December 17, 1969* compiled from Meeting Minutes written by Dr. C. Elmer Wymore, Secretary: "At least 1300 people attended the 1969 Fall Scientific Meeting with many of these people coming from outside Dow and Dow Corning. The automotive industry contributed 225 attendees. The exhibits were viewed by 3300, and the symposium on pollution was attended heavily. It was reported that the Mid-Michigan Society of Automotive Engineers is interested in a joint meeting."

40 Years Ago, *The Midland Chemist* **1980**, *17*, No. 1, 210.

In *Journal Studies Seek Reader Responses* by Wendell L. Dilling, Councilor, 1701 Building, The Dow Chemical Company, Midland, Michigan 48640, Phone: 636-3984 (business) or 631-1621 (home): "SCOP (Society Committee on Publications) voted to not publish a condensed version of the <u>Journal of the American Chemical Society</u>. This version would have contained the full communications to the editor and only the abstracts of the full articles. This condensation, which would have been published in addition to the present full version, has been under study for a couple years. The major arguments against the condensed version were a perceived

enhancement of the status of communication papers at the expense of full papers and shift of subscribers from the full to the condensed version. This situation could lead to a decline in the number of full papers submitted so that the journal might eventually contain only communications."

30 Years Ago, The Midland Chemist **1990**, 27, No. 1, 2.

In XXIII Organosilicon Symposium: "The XXIII Organosilicon Symposium will be hosted by Dow Corning Corporation on April 20-21, 1990 in Midland. The meeting will concern recent advances in organosilicon chemistry. In addition, John Speier, a Dow Corning Senior Scientist, will be honored as the recipient of the 1990 Kipping Award for his pioneering work in organofunctional silane chemistry.

The scientific sessions are scheduled for two full days, beginning at 9 a.m. on Friday, April 20 and ending with the symposium banquet at 7:00 p.m. on Saturday, April 21. The banquet fee is included in the cost of registration."

20 Years Ago, *The Midland Chemist* **2000**, *37*, No. 1, 3.

In *Sci-Fest: The Story of a Successful Community Education Program* by Ann Birch: "Scientists have struggled for many years to find ways to bring science to the public. How can we help others understand science well enough so they do not fear it? How do we combat "junk science"? How do we give the public the tools they need to make rational decisions on science issues? The answer, of course, is education. And education is what Sci-Fest is all about showing kids and their parents that science isn't just for scientists. Science is the entire world around us from the water we drink, to the switch that turns the lights on, to the plastic incubators that protect tiny newborns."

10 Years Ago, *The Midland Chemist* **2010**, *47*, No. 1, 5.

In *Kids & Chemistry: Upcoming Events* by Lisa Thackery, Outreach Group, Kids & Chemistry: "Kids & Chemistry has already lined up a busy schedule for 2010 with new requests still coming in. We definitely need volunteers interested in helping out at events or even running science demos at schools and community outreach programs. Many activities would only require a one-time commitment for one hour. Please continue to check the calendar on the Midland Section website (www.midlandacs.org) for dates and venues being planned and contact the folks below if you would like to become involved:

Gina.Malczewski@dowcorning.com Lisa.Thackery@dowcorning"

Upcoming Dates, Events, and Other Updates

- February 3 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at <u>Midland Section WebEx Board Meeting February 2020</u>, phone number: 989-633-1166.
- February 11 (7:00 PM) Women's STEM Night celebrating International Day of Women and Girls in Science. MCFTA Founders Room. All are invited. Event is free. Doors open at 6:00 PM with hands-on activities, panel discussion begins at 7:00 PM. Click https://www.mcfta.org/event/womens-stem-night/e27548/ for additional information.

- March 2 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a
 WebEx conference call connection at <u>Midland Section WebEx Board Meeting March 2020</u>, phone number:
 989-633-1166.
- March 22 26, 2020 (Save the Date) Spring 2020 National ACS Meeting & Exposition, Philadelphia, PA.
 Meeting theme Macromolecular Chemistry: The Second Century. For more information, please see https://www.acs.org/content/acs/en/meetings/national-meeting.html.
- March 28 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 6 (7:00 8:00 PM) Midland Section ACS Board meeting, Central Michigan University (in person, specific location TBD), or via a WebEx conference call connection at <u>Midland Section WebEx Board Meeting April 2020</u>, phone number: 989-633-1166.
- April 19 50th anniversary of Earth Day. For more information or questions, please contact Gina Malczewski at reginamalczewski@gmail.com.
- May 4 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a
 WebEx conference call connection at Midland Section WebEx Board Meeting May 2020, phone number:
 989-633-1166.
- May 6 (Save the Date, Evening Program) Midland Section ACS Spring Awards Banquet, Great Hall Banquet & Convention Center, 5121 Bay City Road, Midland. For more information, contact Diana Deese, Midland Section ACS Awards Committee Chair, at dkdeese@dow.com or 989-636-9915.
- May 27 29, 2020 (Save the Date) 2020 ACS Central Regional Meeting, Columbus, OH. For more information, please see https://www.acs.org/content/acs/en/meetings/regional/central.html.
- June 1 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a
 WebEx conference call connection at <u>Midland Section WebEx Board Meeting June 2020</u>, phone number:
 989-633-1166.
- August 3 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a
 WebEx conference call connection at Midland Section WebEx Board Meeting August 2020, phone
 number: 989-633-1166.
- August 16-20 (Save the Date) Fall 2020 National ACS Meeting & Exposition, San Francisco, CA. Meeting theme – Moving Chemistry from Bench to Market. For more information, and to submit an abstract, please see https://www.acs.org/content/acs/en/meetings/national-meeting/abstract-submission.html.
- September 8 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at Midland Section WebEx Board Meeting September 2020, phone number: 989-633-1166. Please note: This Board meeting is being held on Tuesday evening, not the usual Monday evening.
- October 5 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at <u>Midland Section WebEx Board Meeting October 2020</u>, phone number: 989-633-1166.
- November 2 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at <u>Midland Section WebEx Board Meeting November 2020</u>, phone number: 989-633-1166.
- December 7 (7:00 8:00 PM) Midland Section ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at <u>Midland Section WebEx Board Meeting December 2020</u>, phone number: 989-633-1166.

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

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