

# THE MIDLAND CHEMIST

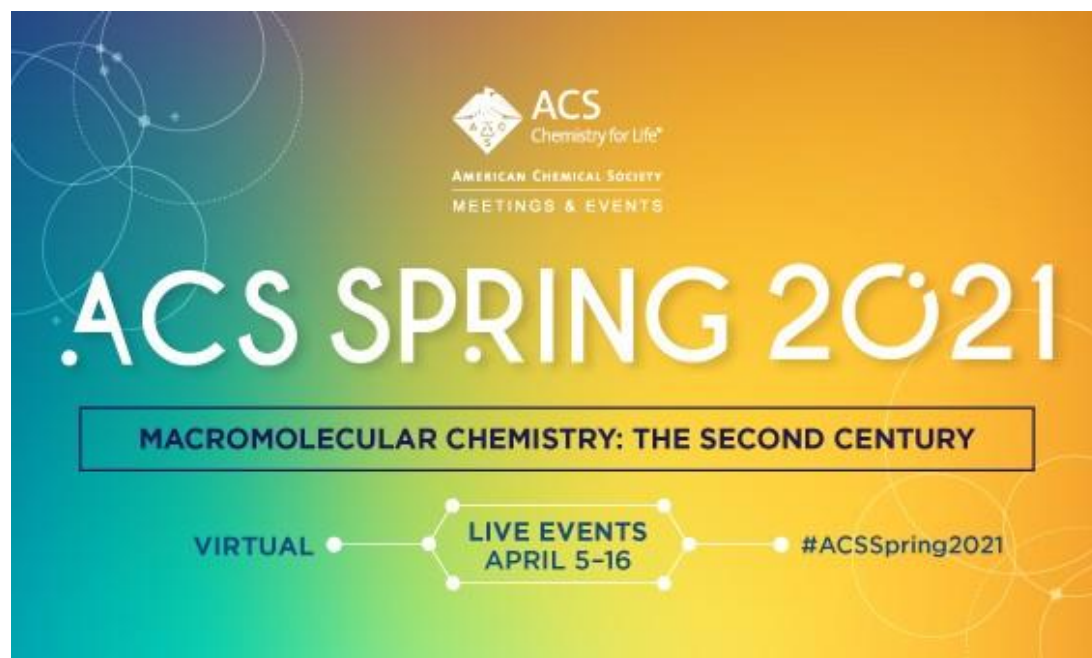
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## ACS Spring Meeting 2021



[ACS Meetings & Expositions - American Chemical Society](https://www.acs.org/meetings)

*Missing sun, green, birds, bees...?*

Maybe it's time to think about **A GARDEN!**

**Planning for the Creative 360/ACS Community Garden has begun!  
1517 Bayliss in Midland**

***Offering great opportunities to enjoy environmental stewardship, and  
growth of your own fresh vegetables or flowers !***

- **Plots are available for reservation; costs (\$20-\$40) depend on size**
- **No pesticides or herbicides**
- **Water is free and available 24/7**
- **Five service hours per SEASON required (a variety of options )**
- **Tilling planned in early May**
- **Compost available**
- **Free Education programs MONTHLY**
- **Special programming for kids planned in 2021**
- **Call 989 837 1885 or see the Creative 360 facebook page for details**



## Midland ACS Outreach News – Earth Day Seminars and K-12 Poem Contest

*Gina Malczewski and Andre Yvon Bessette, Midland Section ACS*

We will be hosting some virtual seminars for Earth Day. Dr. Michael Craig of UM will speak on Carbon Sequestration and climate change on April 21 at 4 PM; we are working on others, and will share links as soon as possible!

And don't forget about our **K-12 Illustrated Poem Contest!** Entries (all digital) are due May 2.

See the flyers in this newsletter or our website ([www.midlandacs.org](http://www.midlandacs.org)) for details. Our Facebook page will also be posting valuable information.

## Reducing Our Footprint with Chemistry – Midland Style

*Gina Malczewski, Outreach, Midland Section ACS*

Tired of staying home? Searching for an interesting, family-friendly educational activity? Need a way to celebrate Earth Day 51? We can help! Join us between **11 AM and 3 PM on Saturday, May 1, for an outdoor Earth Action Expo event at Dow High School**, 3901 Saginaw Rd, in Midland. **The event is FREE, but you have to register for an arrival time to keep crowds down; we also require mask-wearing, and social distancing--and will enforce all appropriate COVID guidelines.**

There will be MANY things to do and see—booths sponsoring informational, interactive and hands-on activities, besides vendors and art options--and food will be available, too. You can also drop off recycling and dump your drugs. Some of our participants are:

Midland American Chemical Society  
Midland Recyclers  
Midland Center for the Arts  
Dow High Go Green Club  
Bay City Food Co-op  
Buy the Book  
Climate Stick Project  
DIY Wind and Solar  
Herb Society  
Keep MI Beautiful  
The Legacy Center  
Dump Your Drugs  
Midland High Green Club

The Nature Conservancy  
Nature Niche Midland  
Ray's Bike Shop  
Saginaw Valley Beekeepers  
Sierra Club MI  
Citizens Climate Lobby  
King Honey  
Chippewa Nature Center  
Marshall M. Fredericks Sculpture Museum  
Consumers Energy  
Chippewa Valley Audubon Club  
DTE Energy  
MI Dept of Environment, Great Lakes and Energy (EGLE)

See the Earth Day flyer in this newsletter or our website ([www.midlandacs.org](http://www.midlandacs.org)) for details. Our Facebook page will also be posting valuable information.

## Earth Day Expo Flyer

Gina Malczewski and Andre Yvon Bessette, Midland Section ACS

Free "Earth Action Expo" at Dow High School  
May 1, 2021 11am-3 pm  
**Registration Required • COVID19 Protocols**

Follow us on Facebook for  
Event Info and  
ABC's of Earth  
Day



**EARTH  
DAY 5  
2021**

Reducing Our Footprint with Chemistry

ACS  
Chemistry for Life®

MIDLAND  
CENTER  
FOR THE  
ARTS

midland  
recyclers

GO  
GREEN  
Dow High

Hands-on science experiments, recycling drop-off, Dump Your Drugs,  
food trucks, art projects, eco-activities and MORE

**Must register here:** <https://www.signupgenius.com/go/70a054badaa2ea20-earth6>



## CCEW Illustrated Poem Contest Flyer

Gina Malczewski and Andre Yvon Bessette, Midland Section ACS



### 2021 CCEW Illustrated Poem Contest Reducing Our Footprint with Chemistry

The Midland Local Section of the American Chemical Society (ACS) is hosting an illustrated poem contest for students in Kindergarten through 12th grade. Entries must be sponsored by a local school or community group for verification purposes.

**Contest Deadline:** May 2, 2021 at 11:59 PM Eastern  
**Local Prizes:** 1<sup>st</sup>-3<sup>rd</sup> and Honorable Mention Awarded  
**\$50 Visa Card Prize for 1<sup>st</sup> and \$25 Visa Card for 2<sup>nd</sup> Place**  
**Local Contact:** michelle.rivard@dow.com  
**Submission:** Submit entries online at [bit.ly/CCEWpoems](http://bit.ly/CCEWpoems)

Winners of the Midland Local Section's Illustrated Poem Contest will advance to the National Illustrated Poem Contest for a chance to be featured on the ACS website and to win prizes!

Write and illustrate a poem using the CCEW theme, "Reducing Our Footprint with Chemistry." Your poem must be no more than 40 words and in the following styles to be considered:

HAIKU - LIMERICK - ODE - ABC POEM - FREE VERSE - END RHYME - BLANK VERSE

Possible topics related to the CCEW 2021 theme include:

Life cycles	Clean air and water	Environmental footprints
Reduce	Reuse	Recycle

Entries will be judged based upon:

Artistic Merit - use of color, quality of drawing, design & layout  
Poem Message - fun, motivational, inspiring about yearly theme  
Originality Creativity - unique, clever and/or creative design  
Neatness - free of spelling and grammatical errors



Contest rules:

- All poems must be no more than 40 words, and in one of the following styles to be considered: Haiku, Limerick, Ode, ABC poem, Free verse, End rhyme, and Blank verse.
- Entries are judged based upon relevance to and incorporation of the yearly theme (Reducing Our Footprint with Chemistry), word choice and imagery, colorful artwork, adherence to poem style, originality and creativity, and overall presentation.
- All entries must be original works without aid from others. Physical drawings may be scanned or captured via camera and submitted to the online form. Illustrations may be created using crayons, watercolors, other types of paint, colored pencils, or markers.
- The illustration may also be electronically created by using a digital painting and drawing app on a computer, tablet, or mobile device. If the illustration is created using a digital painting or drawing app, the name of the program must be included on the entry form.
- The text of the poem should be easy to read and may be typed before the hand-drawn or digital illustration is added, or the poem may be written on lined paper, which is cut out and pasted onto the unlined paper with the illustration.
- No clipart or unoriginal images can be used.
- Only one entry per student will be accepted.
- Students must be sponsored by a school or another sponsoring group (e.g. Homeschool Association, Boys and Girls Club, Scout Troop, 4-H, etc.).
- All illustrated poems and/or digital representations of the poems become the property of the American Chemical Society.
- Acceptance of prizes constitutes consent to use winners' names, likenesses, and entries for editorial, advertising, and publicity purposes.

## 2021 ACS Virtual Great Lakes Regional Meeting

*Steve Keinath, Co-Editor, The Midland Chemist*

June 6-9, 2021 (**Save the Date**) – 2021 ACS Virtual Great Lakes Regional Meeting (GLRM), hosted by the Minnesota local section. Meeting theme: *Elevating the Importance of Diversity and Inclusion in Chemistry*. For more information, please see <https://www.glr2021.org/>.



**Please note:** The Great Lakes Region of the ACS formally welcomes the Central Region of the ACS to this virtual conference. The 2021 Great Lakes Regional Meeting will also serve as the 2021 Central Regional Meeting due to complications caused by the COVID pandemic and the cancellation of the 2020 Central Regional Meeting a year ago.

## CMU Department of Chemistry and Biochemistry Spring 2021 Seminar Series

*Ben Swarts, Associate Professor, Central Michigan University*

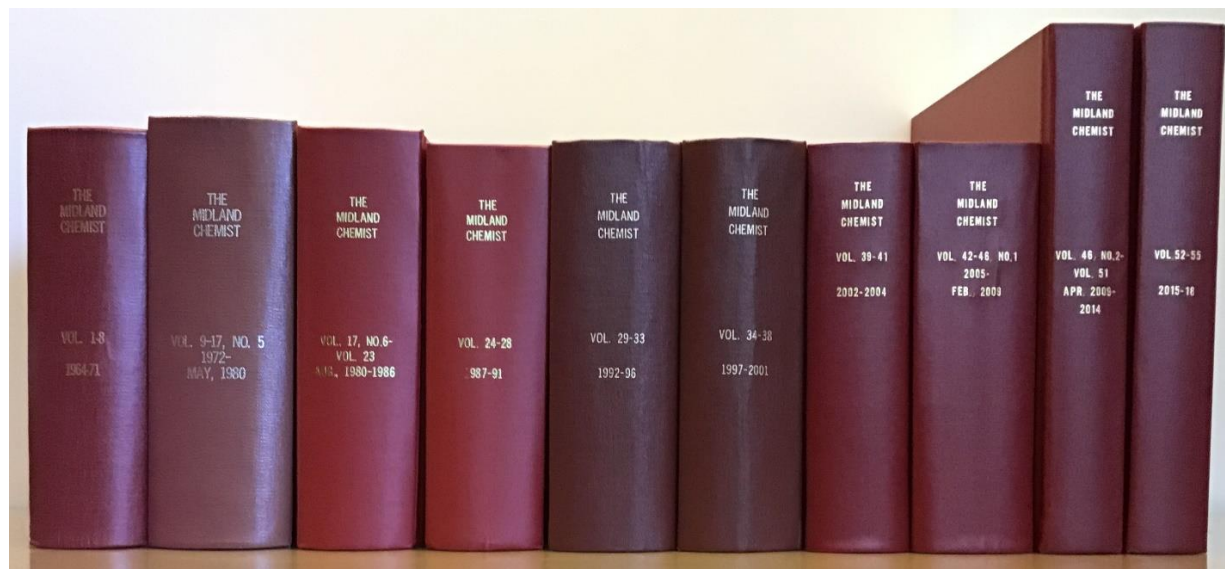
The Department of Chemistry and Biochemistry of Central Michigan University is pleased announce its virtual seminar series this semester with some great speakers lined up, including one of C&EN's Talented Twelve, Alison Narayan from the University of Michigan. In addition, a CMU MS alum, Jennifer Shomaker, now at the University of Wisconsin, Madison, will be one of the speakers. Although the schedule is still being filled in, the table below includes the plans that are in place today.

All are welcome and encouraged to join in these virtual WebEx seminars. Just click on the following link: <http://cmich.webex.com/meet/swart1bm>. All of the seminars are scheduled for 4:00-5:00 PM on Mondays on the dates indicated below. For any questions, please contact Ben Swarts at [ben.swarts@cmich.edu](mailto:ben.swarts@cmich.edu).

Date	Speaker	Institution	Title
4/12/2021	Prof. Marcos Pires	University of Virginia	TBA
4/26/2021	Prof. Alison Narayan	University of Michigan	TBA

## 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* **1971**, 8, No. 3, 2.

In *Hyde Receives Perkin Medal*: “Dr. J. Franklin Hyde, Senior Scientist and Consultant at Dow Corning Corporation has been made Perkin Medalist for 1971. Established in 1906, the award is the highest honor given for outstanding work in applied chemistry in the United States.

The medal was presented at the annual Perkin Medal Dinner of the American Section of the Society of Chemical Industry, Friday, February 26 at the New York Plaza.”

**40 Years Ago**, *The Midland Chemist* **1981**, 18, No. 3, 2.

In *Letter to the editor, Section Members Urged to Counter ‘Emotionalism’* by Dave Jensen, Research Leader in Dow’s Analytical Department and a resident of the area of the proposed waste disposal site: “On March 24, 1981 the hazardous landfill proposed by Dow will be approved unless the site committee acts otherwise. This committee is currently being bombarded by a group of emotional residents who oppose this site. Their fears are a combination of “chemophobia” and the words “hazardous waste.” These people do not trust technology or Dow. Their voice, some 400 strong, is heard and being presented by the media. The scientific facts are not receiving similar attention.

We have 800 to 900 chemists in this section who can act as a counterbalance to this emotionalism. Now is the time to act in this political arena. This is the first such site in Michigan under the new laws. The outcome here will dictate whether reason or emotionalism will rule such matters in Michigan. Each of you can help by first understanding what is proposed for this site. Then make up your mind about the risks (if any) it poses to this community. Finally, spread your thoughts and attend the hearings. Your action is needed now.”

**30 Years Ago, *The Midland Chemist* 1991, 28, No. 3, 13.**

In *Campaign for Chemistry: Final Report* by Fred Corson, Chairman: “*Congratulations!!* The Midland ACS Section had a very successful Campaign for Chemistry! Our campaign, which began in late summer last year, concluded on December 30, 1990 and, as of January 25, 1991, there was a total of 336 donors for \$130,000 in contributions and pledges from our Section, an average of \$387/contributor. Although short of our very ambitious goal of \$400M, this represented the best local campaign in the ACS!!

Our local campaign was part of a nation-wide effort by the ACS to raise funds for use in the areas of better public perception of chemistry in everyday life, better scientific literacy of the general public, better supply of future scientists and engineers, and better utilization/collection/recovery of chemical knowledge.”

**20 Years Ago, *The Midland Chemist* 2001, 38, No. 2, 5.**

In *Nibble While You Work* by Don Miller: “[*Editor’s note: Don Miller has been active for several years in the Career Services committee of the Midland Section. From time to time, Don will be providing articles related to the work environment and news about Section employment as we begin to develop a regular feature on careers.*]

In a recent Fortune Magazine article, Michael Schrage wrote the following: When James Watson took over as director of the Cold Springs Harbor Lab, he spent more on refurbishing the dining room than on upgrading the lab equipment. Why would a Nobel Prize winning lab director spend time and money redecorating the cafeteria? Because that is where some of the most important conversations in the lab took place. He replaced the small tables with large ones which were less exclusive. Colleagues who had never met had no choice but to sit down and talk informally with one another. Those informal chats led to very serious ideas, said Watson, which would have been lost if employees spent their lunch breaks at outside restaurants where there was little incentive to discuss work projects.

Few companies treat their cafeterias as the strategic assets they could be. For starters, every cafeteria could be equipped with white boards or flip charts for any table that wants to brainstorm or record thoughts. This would be easy to do and inexpensive. To go more high tech, computer screens could be imbedded in the tables, transcription equipment installed as well as high-speed LANs so people could network as they eat.”

**10 Years Ago, *The Midland Chemist* 2011, 48, No. 2, 5.**

In *Spring is Almost Here and K&C/Outreach is in Bloom* by Gina Malczewski, Chair-Elect and Outreach Group Leader: “Activities with schools are “blossoming,” and there is still time to volunteer for Big Brothers Big Sisters activities (we can help with supplies and ideas). Please contact Lisa for scheduling information.

Angelo Cassar and Gina invited Windover Chemistry and culinary students to “Have a cup of Chemistry” on Feb 24 – about 60 people attended and all enjoyed participating in the roasting, grinding, and drinking of coffee. Another similar event is scheduled at Senior Center on May 13.

Our open house (365/24/7: Celebrate Chemistry in 2011!) on Feb 28 was very successful. The museum lobby at MCFTA was at capacity; we had lots of good food, and great coffee courtesy of Angelo Cassar.

The Young Chemists and MMTG had a display, and Sue Perz did a wonderful job with info about Marie Curie. One very happy individual won a \$50 gift certificate to Café Zinc.”

## Upcoming Dates, Events, and Other Updates

- April 5 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, via a WebEx conference call connection at [Cisco Webex Meeting - April 2021](#), phone number: 989-633-1166.
- April 5-16, 2021 (**Save the Date**) – Spring 2021 National ACS Meeting & Exposition (**Virtual only event**). Meeting theme – *Macromolecular Chemistry: The Second Century*. For more information, please see <https://www.acs.org/content/acs/en/meetings/acs-meetings.html>.
- April 7 (7:00 – 8:30 PM) – MSU St. Andrews Family Astronomy Night. Free virtual event via Zoom. Watch for more event details and Zoom information coming soon. For more information, please visit <https://standrews.msu.edu/family-astronomy-night/>.
- April 12 (4:00 – 5:00 PM) – CMU Spring 2021 Virtual Seminar Series, featuring Prof. Marcos Pires from the University of Virginia. All are welcome and encouraged to join in this virtual WebEx seminar. Just click on the following link: <http://cmich.webex.com/meet/swart1bm>. For any questions, please contact Ben Swarts at [ben.swarts@cmich.edu](mailto:ben.swarts@cmich.edu).
- April 26 (4:00 – 5:00 PM) – CMU Spring 2021 Virtual Seminar Series, featuring Prof. Alison Narayan from the University of Michigan. All are welcome and encouraged to join in this virtual WebEx seminar. Just click on the following link: <http://cmich.webex.com/meet/swart1bm>. For any questions, please contact Ben Swarts at [ben.swarts@cmich.edu](mailto:ben.swarts@cmich.edu).
- May 1 (11:00 AM – 3:00 PM) – Special Outdoor Earth Day Expo event, Dow High School parking lot, 3901 Saginaw Road, Midland. Admission is FREE. Masks will be required, and all public health guidelines will be enforced. See flyer in this newsletter for additional information. For more information or any questions, please contact Gina Malczewski at [reginamalczewski@gmail.com](mailto:reginamalczewski@gmail.com).
- May 3 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - May 2021](#), phone number: 989-633-1166.
- May 6 (**Please note: Suspended in-person event**) – Midland Section ACS Spring Awards Recognition. The 30th annual Spring Awards in-person banquet event has been suspended due to the ongoing COVID pandemic and the associated restrictions for large, indoor gatherings. However, we will still be recognizing outstanding educators, volunteers, and colleagues that you have graciously taken the time to nominate. In lieu of the usual banquet event, an article featuring the 2021 awardees will be published in the June or July issue of *The Midland Chemist*. For more information or any questions, please contact Diana Deese, Midland Section ACS Awards Committee Chair, at [dkdeese@dow.com](mailto:dkdeese@dow.com) or 989-636-9915.
- June 6-9, 2021 (**Save the Date**) – 2021 ACS Virtual Great Lakes Regional Meeting (GLRM), hosted by the Minnesota local section. For more information, please see <https://www.glr2021.org/>. **Please note:** The Great Lakes Region of the ACS formally welcomes the Central Region of the ACS to this virtual conference. The 2021 Great Lakes Regional Meeting will also serve as the 2021 Central Regional Meeting due to complications caused by the COVID pandemic and the cancellation of the 2020 Central Regional Meeting a year ago.
- June 7 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - June 2021](#), phone number: 989-633-1166.
- August 2 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - August 2021](#), phone number: 989-633-1166.
- August 22-26, 2021 (**Save the Date**) – Fall 2021 National ACS Meeting & Exposition (**Atlanta, GA and Online**). Meeting theme – *Resilience of Chemistry*. For more information, please see <https://www.acs.org/content/acs/en/meetings/national-meeting/about/future-meetings.html>.

- September 7 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - September 2021](#), phone number: 989-633-1166. **Please note: This Board meeting is being held on Tuesday evening, not the usual Monday evening.**
- October 4 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - October 2021](#), phone number: 989-633-1166.
- November 1 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - November 2021](#), phone number: 989-633-1166.
- December 6 (7:00 – 8:00 PM) – Midland Section ACS Board meeting, MCFTA Board Room (anticipated location, in person), or via a WebEx conference call connection at [Cisco Webex Meeting - December 2021](#), phone number: 989-633-1166.

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