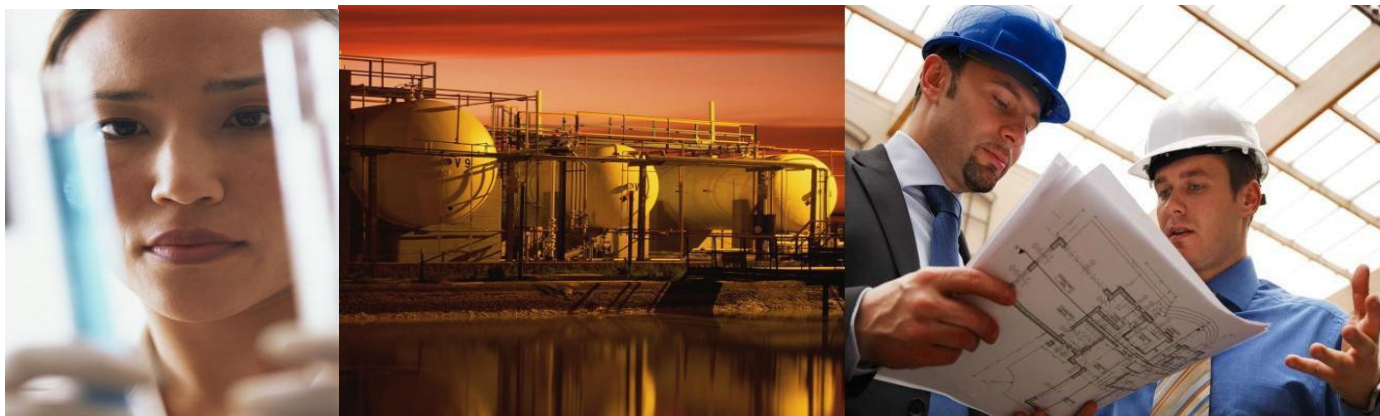


THE ACTION & REACTION

Newsletter of the Mid-Michigan Section of the American Institute of Chemical Engineers

Volume 28 Issue 1 March 2025

Mid-Michigan Section of AIChE Scholarship Opportunity **Undergraduate Chemical Engineering Education Scholarship**



Who: High school seniors residing in the Great Lakes Bay region who plan to major in chemical engineering

What: Renewable scholarship awarding \$2000 over the course of four years for the study of chemical engineering

Where: A college or university of your choice with an undergraduate chemical engineering program accredited by the Engineering Accreditation Commission of ABET

Eligible programs are listed on: <http://main.abet.org/aps/Accreditedprogram-search.aspx>

Sponsor: American Institute of Chemical Engineers Mid-Michigan Section

Deadline: Applications due by **March 28, 2025**

Contact: Apply online at <https://www.aiche.org/community/sites/local-sections/mid-michigan/undergraduate-chemical-engineering-education-scholarship>

Questions? Contact Ted Calverley at 989-948-7078 or tcalverley@charter.net



Words from the Chair

By ROQUE GOCHEZ

Dear MMAICHE Community,

During the cold months of January and February, we had the incredible opportunity to listen to Prof. Artur Schweidtmann in the Netherlands. He shared fascinating insights on the role of generative artificial intelligence in process engineering. It is truly astounding how this innovative field is poised to reshape process engineering, leading to optimal automation and control strategies, identifying safety gaps, and proposing cost-effective process alternatives.

As the winter is progressing, I happily observe as the days grow longer and we are finding ourselves at the threshold of spring. We have been working during winter to populate our calendar engaging seminars, plant tours, and outreach initiatives aimed at inspiring the young next generation.

Speaking of young engineers, Michigan State University will host the North Central Student Conference (NCSC) this March. The student leaders are diligently working to ensure an exceptional experience for all attendees. MMAICHE members will be volunteering at this event, contributing to a memorable and impactful gathering for the aspiring engineers. I am excited to participate in this event!

One of the highlights I eagerly anticipate each year is our annual Spring Banquet. This event is a celebration of our local section's achievements and a testament to our collective efforts. It will feature awards for both young and seasoned chemical engineers, scholarships for passionate college students, the announcement of new executive committee members, and an enthralling keynote speaker.



We are currently finalizing the details, but the banquet is scheduled for May. Stay tuned for more updates via our communication channels!

Thanks to our executive committee and our many contributors and volunteers, I hope we can continue to foster a supportive and innovative chemical engineering community.

Call for Nominations: Executive Elections 2025


By ANAGHA HUNOOR

Each year, the Mid-Michigan AIChE Section holds officer elections according to our approved bylaws which lay out a process including a nomination period, dissemination of ballots, and announcement of election results. The election results will be announced at the section's Spring Banquet in May.

Our currently serving 2024-2025 Section officers are:

- Roque Gochez, Chair
- Kayla Williams, Chair Elect/Vice Chair
- Jyo Lyn Hor, Past Chair
- Anagha Hunoor, Secretary
- Miao Wang, Treasurer
- Eric Stangland, Director
- Shawn Feist, Director
- Victor Sussman, Director

As the current Chair Elect/Vice Chair, Kayla Williams will automatically succeed to Section Chair for 2025-2026, and current Chair, Roque Gochez will automatically succeed to the position of Past Chair for 2025-2026. All other officer positions will be up for election, and nominations are solicited from all local MMAIChE members. Suggestions from non-members will certainly be considered—self nominations are welcome and encouraged! However, please be aware that any nominated candidates must be members of both AIChE and MMAIChE to be placed on the election ballot. The calendar for MMAIChE election events is as follows:



Mid-Michigan AIChE
American Institute of Chemical Engineers

CALL FOR NOMINATIONS

(EXECUTIVE COMMITTEE)

Chair-elect | Secretary | Treasurer | Directors

Call for Nominations:
March 31

Nominations Close:
April 18, 5:00 PM

Distribute Election Ballots:
April 23

Election Ballots Due:
May 5, 5:00 PM

Announce Election Results:
Spring Banquet in May

Nominations will be accepted by emails to
midmichiganaiche@gmail.com

All newly elected and succeeding officers will begin serving at the close of the Spring banquet, and terms will expire at the close of the 2025 Spring banquet. Please consider nominating someone qualified for an officer position or consider serving yourself! Send us an email to midmichiganaiche@gmail.com. Please contact Roque Gochez (rfgoches@dow.com) or Anagha Hunoor (ahunoor@dow.com) for more information.

Call for Nominations: MMAICChE Section Awards for Program Year 2024-2025

By MICHAEL MOLNAR

Each year the Mid-Michigan AICChE Section recognizes distinguished members by presenting awards at the Annual Spring Banquet. We would like to recognize deserving members and affiliates, so we request our membership to consider nominations for our four award categories. The award categories are:

Chemical Engineer of the Year - This award generally is given to a distinguished chemical engineer in the Mid-Michigan Section with about 20-30 years of professional experience following graduation. Publications, patents, company recognition of achievement, and other accomplishments in the field of chemical engineering are key criteria for consideration. The individual must be an active participant in AICChE at either the local or national level to be considered. This is normally an annual award.

Young Chemical Engineer of the Year - This award recognizes technical and professional expertise, and leadership that is superior for an early-career engineer. Service to AICChE is also a consideration for the award, but not an explicit requirement. It is generally given to a person with approximately 4-12 years of service following graduation. This is normally an annual award.

Service to Society Award - This award recognizes long-time service to the profession through role modeling for other engineers and leadership of community activities that benefit area students and residents. Recipients usually have about 25-30 years of service following graduation.

Noland Poffenberger Award - This award is given to a high-level manager who has shown great support of the Mid-Michigan Section by encouraging employees within the recipient's organization to participate in professional organizations such as AICChE.

Anyone interested in nominating someone can do so by sending an e-mail letter to Michael Molnar, Awards Committee Chair, at michael.molnar@dow.com. Please copy Anagha Hunoor, Section Secretary, at ahunoor@dow.com. The following information should be included:

- Identify the specific award category that you feel is most appropriate for the individual you are nominating.
- Include several paragraphs explaining why this individual is deserving of special recognition.
- Include background information in support of the nomination, such as a listing of professional accomplishments and service to AICChE.
- Also include a phone number where you as the person making the submission can be contacted for more information.

The deadline for submitting nominations is Friday, April 25, 2025. The awardees will be announced at the Annual Spring Banquet.

We certainly expect that there are many individuals in the area deserving of special recognition, so please consider nominating someone you know. The Awards Committee may decide not to give an award in a particular category if too few nominations are received. More information about the Mid-Michigan Section of AICChE is available at <http://www.mmaiche.org> and <http://www.aiche.org/community/sites/local-sections/mid-michigan>.

Upcoming Events

By PREETAM GIRI & ROQUE GOCHEZ

Seminars:

We have an insightful seminar scheduled on April 22nd at 12 PM, featuring Courtney Carignan from Michigan State University. Courtney will be presenting on the intriguing topic of "Problematic Properties of Per- and Polyfluoroalkyl Substances". The details on how to attend will be announced via LinkedIn and email.

Tours & Events:

On Friday April 4th, MidMichigan AIChE and ACS-YCC will be collaborating to host small groups of students from Michigan State University and Central Michigan University, and provide a tour of Dow operations in Midland.

Additionally, we are in the process of finalizing the date for a coffee roastery tour. Stay tuned for more details on this exciting event!

2025 Spring Banquet:

We are excited to announce that our Spring Banquet will be held on a Thursday in May 2025. However, the exact date is yet to be determined. Please keep an eye on future emails and LinkedIn announcements for updates. We look forward to your attendance and participation in this special event.

The Mid-Michigan Section of AIChE gratefully acknowledges the support provided by the following sponsors.



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MMAIChE is on LinkedIn

Follow us on LinkedIn to get notifications of our upcoming events!
Search for “AIChE Mid-Michigan Local Section”



<https://www.linkedin.com/company/aiche-mid-michigan-local-section>