



**American Chemical Society
Western Michigan Section
Summer 2023**

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dewittmi@gvsu.edu

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Meagan.eggebeen@amway.com

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Education Chair: Douglas Ragan

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Message from the chair:

Welcome to the Summer Edition of the Western Michigan Section newsletter. Included in the newsletter are important upcoming section events, highlights of past events, information on grants, and fun things to do. A couple of events I want to highlight:

In April we held our first Social/Networking Event at Mug Shots (see photo below) and gained three new ACS members. This event was a lot of fun. We would like to do another Social/Networking event in the Fall. Let me know if you would like to help plan or bring a poster to display. dewittmi@gvsu.edu.

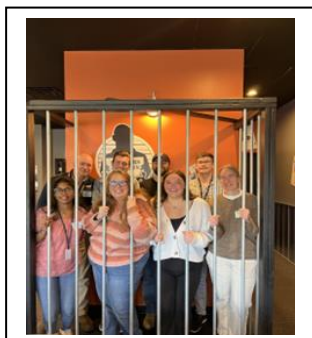
We also had a good turnout at the talk given by Prof. Luminita David that our local section co-hosted (page 5). WMS provided the treats for the talk (see photo below). I also passed out flyers encouraging those in attendance to join ACS and our local section.

If your organization is having a talk that could be open to all local section members, please let us know if you would like WMS to co-host the event. Additionally, WMS can provide funds for snacks. We would like to co-host two talks a year. This is a way to give back to our section and recruit new members.

To advertised an event/talk in the newsletter please submit the information at least one month in advance to the local section email wmacsoutreach@gmail.com.

We are also putting together a grant writing committee to try to fund some fun summer activities such as a Whitecaps baseball game and a movie night. Stay tuned for more information. If you would like to join this committee, please email Dr Kim M Morehouse kmorehouse.nd85@gmail.com.

Thankyou,
Michelle Dewitt.



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Call for Nominations

The annual election of Officers and Councilor of the Western Michigan Section (WMS) of the American Chemical Society (ACS) will be held in November 2023 in accordance with the Sections Bylaws and Standing Rules. All WMS members are now invited and encouraged to submit nominations for open positions, which are:

- Chair-Elect
- Secretary
- Treasure
- Councilor

The Chair-Elect serves one year as Chair-Elect, one year as Chair, and one year as Past-Chair (a three-year commitment). The Secretary serves a one-year term. The Treasure serves a one-year term. The Councilor serves a three-year term.

Self-nomination is acceptable. All WMS members who are members of ACS are eligible to serve as Councilor or Officers (Community Associates are not eligible to serve). Nominations should preferably be made by email to wmacsoutreach@gmail.com, to be received not later than **September 15, 2023**. Please be sure that your nominee is a member of WMS and is willing to serve if elected.

If you have ever found yourself thinking, “I wish WMS would...” then please take advantage of this opportunity to get involved! As a member of the Board, you can serve on the committees that directly support our activities and have a vote in where our funds are directed. As a Councilor, you can represent WMS on the ACS Council and foster relationships between our local section and the national organization. Are you the right person for the job? If so, please consider a self-nomination for the upcoming elections. Do you know someone who would be a good fit? Please consider nominating them as a candidate. Wishing you could get involved but concerned that you might not have enough time to commit to serving on the Board? Send us an email anyways and consider volunteering to serve on one of our Section Committees. You needn't be a member of the Board to serve on most of the committees or to participate in and support our activities. Community Associates can serve as members of section committees.

By serving as an Officer or Councilor for the WMS, you can play a critical role in identifying needs and opportunities for the organization and in supporting ongoing and new activities.

CERM 2023 Regional Meeting

Sustainability, the Great Lakes and the Chemistry for future:

June 20-23, 2023

<https://www.acscerm2023.org>

The Central Regional Meeting for 2023 will be hosted by the Detroit Local Section of the ACS and will focus on the chemistry being pursued within the region. In addition to symposia and poster sessions concerning organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry, biochemistry, and chemical education, we hope to have sessions relating to advances in battery chemistry and electric automobiles, cannabis chemistry, hydrogen fuel cells, chemical safety, and a circular economy. A career fair and several social events will also be part of the programming.

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Western Michigan Section of the American Chemical Society College Achievement Awards:

The WMS of the ACS will present these awards to the outstanding seniors majoring in chemistry or biochemistry from each of the area four-year colleges and universities annually. Each department will be asked to nominate one student for the award each year, which will be presented at a luncheon honoring the awardees in November or December each year. The award winner and research supervisor/or nominating faculty member will be invited to be guests of the section at the Awards Luncheon. Each awardee will receive a framed Certificate Award and a one-year membership to the ACS. The request for nominations will be sent out in September.

(Ongoing) College Student Travel Grant Program: Western Michigan Section of American Chemical Society: Student Travel Reimbursement Form – Spring 2023 National ACS Meeting

For reimbursement of the student registration costs to regional and national ACS meetings, please e-mail the form and required items to WMS of the ACS Treasurer, Kevin Eggebeen at eggebeenk@gmail.com. This reimbursement will be in the amount of \$99/student (the cost of an undergraduate ACS member meeting registration). Student must be an ACS member and be presenting (talk or poster) at the conference to be eligible. Email section if interested and we will email you back the form Our email is: wmacsoutreach@gmail.com.

Please submit a compiled pdf file of all of the documents requested below.
The completed form (one form per faculty member with all students from your group).
A copy of each student's meeting registration receipt.
An electronic copy (.pdf) of the student's presentation (poster or PowerPoint slides).

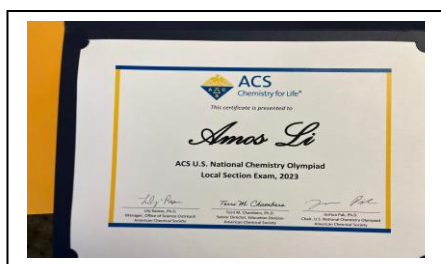
(New) High School Teacher travel grant

The WMS of the ACS is starting a \$100 travel grant to help High School teachers that are members of our local section to present at a regional or National ACS meeting. This includes BCCE. This grant is intended to help offset registration fees. Email the section at wmacsoutreach@gmail.com if you are interested and we will email you back the form.

Along with the completed form, a copy of each teacher's meeting registration receipt, and an electronic copy (.pdf) of the presentation (poster or PowerPoint slides) should be provided to the section for reimbursement.

ACS National Chemistry Olympiad:

Congratulations to Amos Li, a student at Grace Academy who did very well in the ACS National Olympiad Local Section written exam for 2023 (see certificate below).

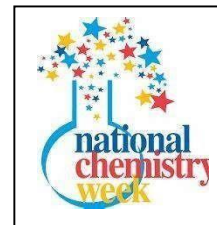


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National Chemistry Week:

Theme: “The Healing Power of Chemistry”
Topic: Health + Medicine

The WMS will celebrate National Chemistry Week at Woodland Mall in Grand Rapids on October 14, 2023. People interested in doing a Demo or Hosting a booth can email the Section at wmacsoutreach@gmail.com. More information on National Chemistry Week can be found on the ACS website at <https://www.acs.org/education/outreach/ncw.html>.

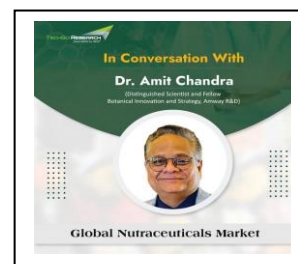


Aquinas College hosts Dr. Amit Chandra from Amway to celebrate National Chemistry Week:

Current Botanical Innovation Fellow at Amway, Dr. Amit Chandra, will give a talk during National Chemistry Week at Aquinas College. The tentative title for his presentation is “Concepts in Botanicals, herbals and dietary supplements.” This presentation fits nicely with the National Chemistry Week theme of “The Healing Power of Chemistry”. Look for this talk the week of October 9th. More details to come in a future newsletter.

Here is a link to a recent interview he did on nutraceuticals at Amway.

<https://www.techsciresearch.com/blog/interview-with-dr-amit-chandra-of-amway-on-global-nutraceuticals-market/1359.html>.



Fun chemistry to do with your kids and grandkids:

The Secret Science of Gum:

Use Chemistry to learn the Secrets of Gum in some pretty surprising ways.

For more guidelines visit:

<https://www.acs.org/education/whatischemistry/adventures-in-chemistry/secret-science-stuff.html>



Green Chemistry Conferences

Closing the Loop: Chemistry for the Sustainable Future
June 13-15, 2023
Long Beach, CA

The ACS Green Chemistry Institute maintains this green chemistry conference calendar for the benefit of the community. For more details check <https://www.acs.org/meetings/greenchemistryconferences.html>.

Women Chemist Committee and Eli Lilly Travel Award 2023:

The ACS Women Chemists Committee (WCC) and Eli Lilly Company sponsor a program to provide funding for undergraduate, graduate and postdoctoral female chemists to travel to meetings to present the results of their research (<https://acswcc.org/event/wcc-eli-lilly-travel-award-2023/>).

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Hosted by GVSU Chemistry Department:

GVSU Chemistry Department hosted talks which were free and open to the public.

Professor Luminita David, Babes-Bolyai University, Chemistry Faculty Cluj, Napoca, Romania, gave a presentation on April 13, 2023 entitled “**Applications of natural polyphenols in food industry, medicine and materials chemistry**”

About the Speaker: After graduating from the Faculty of Chemistry and Chemical Engineering (FCIC) at “Babes- Bolyai” University, Professor Luminita worked as a chemical Engineer in the oil products delivery enterprise and then at a research institute in pharmaceutical chemistry. She obtained her Ph.D. in Organic chemistry in 2000, working in the field of saturated six- membered ring heterocycles with two heteroatoms. In the last 10 years, her field of interest were natural compounds with possible applications in the food industry, medicine and nanomaterials.



Arnold C OTT lectureship in Chemistry

The Arnold C. Ott Lectureship in Chemistry was created and endowed by a generous gift from Dr. Arnold C. Ott and Marion Ott. Dr. Ott received his Ph.D. in 1943 from Michigan State University in Chemistry/Physics/Bacteriology and is a leading chemist and entrepreneur in West Michigan. He is one of the co-founders of Grand Valley State University and served on the GVSU Board of Trustees for 28 years. Dr. Tom Guarr, MSU Bioeconomy Institute, gave two presentations at the Russel H. Kirkhof Center on April 13th and April 14th.

Talk 1: “Can Organic Batteries Power a Sustainable Grid?”

Talk 2: “Electrochemical Trickery: Turning Organic Macrocycles into Conductive Polymers and Supercapacitors”

About the Speaker: Dr. Guarr earned a PhD at the University of Rochester, where he investigated the photo induced electron transfer reactions that play a critical role in many solar conversion processes. Currently, Dr. Guarr serves as the Director of Research and Aerospace Technology. His research interests include photochemistry, organic redox chemistry, electrocatalysis, materials science and device design. He has co-authored numerous scientific publications in multiple fields and is an inventor or co-inventor on approximately 75 US patents.

For more information regarding the talks visit <https://www.gvsu.edu/chem/arnold-c-ott-lectureship-in-chemistry-94.htm>

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Adjunct Assistant Professor of Physics

Aquinas College
Grand Rapids, Grand Rapids, MI, US

To Apply https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=0d6a119c-4b29-473d-aa54-b44806014631&ccId=19000101_000001&lang=en_US&jobId=461614

Aquinas College seeks applications for adjunct instructors with qualifications to teach Physics. Immediate course needs are for General Physics (mechanics, electricity, magnetism), including laboratory. Future course needs may include modern physics, astronomy, and/or elective courses.

Positions available in the Fall and Spring semesters of the 2023-2024 academic year.

Essential duties are to teach courses as determined by the department chairperson each semester and provide effective support to students within and outside of the classroom. The adjunct will report to the chair of the department, who will conduct regular teaching evaluations.

Minimum Qualifications:

- A qualified candidate will have a master's degree in Physics or a closely-related discipline and relevant experience. Earned Ph.D. or ABD in Physics preferred.
- Ability to perform the physical requirements of the position.
- Willingness to support the Dominican and Catholic values of the College

Our Faculty members are responsible for delivering quality, student-centered, hands-on, active instruction in order to prepare our students for success. We are looking for dynamic, caring professionals dedicated to teaching excellence and professional scholarship.

To apply, submit a cover letter describing prior teaching experience, a curriculum vitae/resume, and a list of professional/teaching references.

If you require accessibility assistance or accommodation for a disability when applying for open positions, please call us at 616-632-2918.

Aquinas College, located in Grand Rapids, Michigan, an inclusive educational community rooted in the Catholic Dominican tradition, provides a liberal arts education with a global perspective, emphasizing career preparation focused on leadership, service to others, and a lifelong passion for learning. Aquinas offers an inclusive and welcoming environment. Aquinas College is committed to recruiting talented and diverse faculty and staff who are capable of exposing its students to a wide range of cultures and perspectives and whose presence on the campus will enhance the diversity of the community in which the College resides.

Aquinas College has a long-standing commitment to equal opportunity and a work environment which is free of unlawful harassment or discrimination. Aquinas College provides equal employment opportunities without regard to race, color, religion, sex (including pregnancy), sexual orientation, gender identity, national origin, age, disability, marital status, veteran or active-duty military status, familial status, height, weight, genetic information or any other status protected by applicable law.

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 <https://instagram.com/acswesternmi>

 <https://www.linkedin.com/company/american-chemical-society-western-michigan-local-section/>

If you have an upcoming talk that you are hosting and would like to invite ACS section members, email us the information and links to be included in future newsletters at wmacsoutreach@gamil.com. If you have any ideas for the local section, email them to the section at wmacsoutreach@gamil.com or contact any of the board members.