



**American Chemical Society
Western Michigan Section
March, 2023 Newsletter**

Executive Committee Meeting

The executive committee met on February 8th and March 21st and included are some of the highlights.

New Committee Members

Chair: Michelle DeWitt	dewittmi@gvsu.edu
Past Chair: Meagan Eggebeen	meagan.eggebeen@amway.com
Secretary/Treasurer: Kevin Eggebeen	eggebeenk@gmail.com
Councilor: Dr Mark A Thomson	MarkThomson@ferris.edu
Alternate Councilor: Dr Kim M. Morehouse	kmorehouse.nd85@gmail.com
Education Chair: Douglas Ragan	dragan@hpseagles.net Newsletter
Editor: Anusha Vemulapati	vemulapa@mail.gvsu.edu

Message from the Chair:

What's happening in the Western Michigan Section:

As your 2023 Western Michigan Local Section Chair, I would like to invite you back (or for the first time) to participating with the section. It was so difficult during the pandemic to get together but now as the snow melts and the sun shines outside my window, it seems like a great time to plan some fun activities. We are finalizing plans to host a networking event with chemistry club members at Mug Shots in Allendale on April 18th from 5-7 pm. It would be great if you could come tell our future chemists what it is like to work as a chemist in West Michigan. We have a great start with our talented board members who hold positions as an Amway research scientist, Perrigo QC manager, GVSU Lab manager, Zeeland High School Chemistry Teacher, Chemistry Professor from Ferris, retired chemist from the FDA, and someone who worked in Environmental Laboratories. We will be buying appetizers, pop and there will be a cash bar. I am also asking a few chemistry club members from each college to bring research posters, to show off as great conversation starters. No matter your career level please join us for this networking opportunity and stay for a short section meeting. Other activities are listed below for CCEW and upcoming Chemistry lectures.

Chemistry Club Chemists Celebrate Earth Week (CCEW, 4/16 – 4/22)

For years, chemists have been promoting a better world through recyclable plastics, cleaner-burning fuels, phosphate-free detergents, environmental monitoring, and green chemistry initiatives. To promote the positive role that chemistry plays in the world, the American Chemical Society (ACS) established the Chemists Celebrate Earth Week (CCEW) public awareness campaign. The electronic version of the Celebrating Chemistry for CCEW, as well as additional information about this year's CCEW celebration, is available from the ACS website at www.acs.org/ccew.

CCEW Illustrated Poem Contest - Deadline is Sunday, April 30, 2021

As part of the Chemists Celebrate Earth Week (CCEW) activities, the American Chemical Society is sponsoring an illustrated poem contest for students in kindergarten through 12th grade. Students are asked to write and illustrate a poem using the Chemists Celebrate Earth Week 2023 theme "The Curious Chemistry of Amazing Algae". This year's theme looks at the many beneficial aspects of algae. Detailed rules and guidelines are available on the Chemists Celebrate Earth Week website.

www.acs.org/content/acs/en/education/outreach/ccew/plan-an-event/illustrated-poem-contest.html.

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CCEW/Earth Day 2023 Park Clean-Up:

Saturday, March 25, 2023

Time: 10:30 am - 12:30 pm

Location: Kaufman Golf Course

4807 Clyde Park Ave

Wyoming, MI 49509

Help get Kaufman Golf Course (part of Kent County Park System and a Public golf course) ready for this upcoming golf season at our Annual Spring Clean Up! We will be doing a variety of fun activities, such as raking the greens and picking up trash – and a lunch is provided at the lodge! This event is a great way to enjoy the fresh spring air and support your community and parks. All supplies are provided, and volunteers of all ages are welcome! Registration is required by emailing our section's CCEW Coordinator Kevin Eggebeen <eggebeenk@gmail.com>

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

The WMACS will present these awards to the outstanding seniors majoring in chemistry or biochemistry from each of the areas 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. 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.

(Still Active) College Student travel grant: Western Michigan Chapter 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 WMACS 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 <wmacsoutreach@gmail.com>

Please submit a compiled .pdf file of all 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

WMACS is starting a \$100 travel grant to help high school teachers that are members of our local section present at regional and national ACS meetings. This includes BCCE. This grant is intended to help offset registration fees. Email section if interested and we will email you back the form. <wmacsoutreach@gmail.com>

Please submit a compiled .pdf file of all the documents requested below:

The completed form

A copy of each teacher's meeting registration receipt

An electronic copy (.pdf) presentation (poster or PowerPoint slides)

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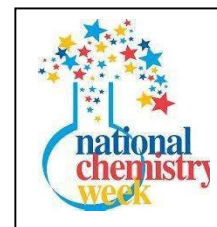
National Chemistry Week:

<https://www.acs.org/education/outreach/ncw.html>

Theme: The Healing Power of Chemistry

Topic: Health + Medicine

We are going to celebrate National Chemistry Week at Woodland Mall, in Grand Rapids on 10-14-2023. People interested in doing a demo or hosting a booth can email wmacsoutreach@gmail.com.



ACS Spring 2023 updates:

National Meeting – Crossroads of Chemistry:

Attend technical program presentations, both oral and poster, in-person and virtual. Choose from thousands of sessions based on field of chemistry and interest. Registration is now open. <https://www.acs.org/meetings/acs-meetings/spring-2023.html>

Regional Meeting-CERM 2023

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.

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 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://acsfcc.org/event/wcc-eli-lilly-travel-award-2023/>

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Fun chemistry to do with your kids and grandkids:

Colors on the move:

Use chemistry to make colors move in the milk in some pretty surprising ways.



For more guidelines visit:

<https://www.acs.org/content/dam/acsorg/education/whatischemistry/adventuresinchemistry/experiments/colorsonthemove/ColorsOnTheMooove.pdf>

Hosted by GVSU Chemistry Department:

These talks are free and open to the public

Email dewittmi@gvsu.edu if you would like a parking pass for one of the chemistry lectures on GVSU campus

Topic: “Applications of natural polyphenols in food industry, medicine and materials chemistry”

Monday April 3rd, 2023 at 1pm-2pm

GVUS (Allendale Campus) MAN 123

By: Prof. Luminita David

Babes-Bolyai University- Chemistry Faculty
Cluj-Napoca, Romania

About Speaker: After graduating from the Faculty of Chemistry and Chemical Engineering(FCIC) at “Babes-Bolyai” University, Luminita worked as a chemical Engineer in oil products delivery enterprise and then as 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 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.

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

Russel H. Kirkhof Center, Room 2250 Grand River Room

April 13- 5:00PM to 6:00PM Reception

6:00PM to 7:00PM Lecture

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

Russel H. Kirkhof Center, Room 2204 Pere Marquette Room

Friday, April 14, 2023 1:00 PM - 2:00 PM

By: **Dr. Tom Guarr**

MSU Bioeconomy Institute

About 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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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 or if you have any ideas for the local section, email them our email address wmacsoutreach@gamil.com or contact any of the board members.

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