

Message from the Chair,

Dear colleagues:

Happy New Year 2018!

I am looking forward to working with ACS members of the Maryland section and the executive committee to make 2018 full of fun, initiatives and scientific exchange. The theme this year is: “Information is the key.” I will work to make sure we provide information on events, what they are and when they are offered.

Major goals for our team this year will be first, to create new programs in addition to the programs we have. Second, to increase participation among Maryland section ACS members and third, to keep the website updated.

New Programs - We are actively organizing a demonstration by members of Citrus & Allied Essences, a presentation on “Materials and human creativity through time and place” (BMA Tour) and a visit to the water filtration plant at the Montebello lake.

Increase Participation – We are introducing High School Teacher Awards to recognize excellence in chemistry teaching and attend scientific meetings. We would like to support poster presentations by ACS local members at ACS National meetings. We want alternate councilors to have opportunities for mentorship at these meetings as well. We want to recruit people to help in the creation of a virtual workshop for the Maryland local section. Last, but not least, we want to improve awareness of chemistry in children K-12 through, to name a few, teacher’s workshops, Project SEED and US National Chemistry Olympiad.

Website - In the following months we will have many activities, lectures and award presentations. They will be announced in our website and through e-mail. We plan to keep our website updated so that Maryland section ACS members will have access to a reliable source on upcoming events where they could participate. For the Spring-2018 program please continue reading [*Information is the key*](#) at our website.

Members of the Maryland section executive committee hope that you come to these events. I also hope to meet you soon.

Beatrice Salazar

Maryland Section Chair-2018

Information is the Key

The following includes a background on ACS and the Maryland Local Section, our website, the first executive committee meeting and the section's programs for Spring-2018.

I. The First 100 Years until today...

The American Chemical Society was founded on April 16, 1876 in New York. Thirty-five chemists met at the College of Pharmacy and selected chemist John William Draper as the first president of the society. From the start, ACS was committed to sharing its professional work with the public. ACS began publishing the Journal of the American Chemical Society (JACS) and Chemical Abstracts in 1897. By 1930, ACS had 18,000 members, 83 local sections and 17 disciplinary divisions. On August 25, 1937, President Franklin D. Roosevelt signed Public Act No. 358, incorporating the society under federal charter.

Today, ACS has more than 150,000 members and the Maryland Section forms part of 185 Local Sections throughout the country with approximately 2000 members. If you are an ACS member you are also a member of your local section. The Maryland Section was established in 1914. During the 100th year anniversary in 2014, under the leadership of Dr. James Saunders from Towson University, a career panel was organized to support teaching positions for chemistry graduate students and postdoctoral fellows in the Science, Technology, Engineering and Mathematics (STEM) program. The Maryland section continues to support programs like this that highlight the relevance of chemistry to related fields and to the general community. Each year, there are new opportunities for the new Chair to develop new projects while serving as representative of the local section.

Leadership opportunities, sharing my story...

We have come a long way and we now delegate more ACS leadership positions to its members. This has been my experience. The support of ACS members (in parenthesis below) has been the most gratifying part of my 8 years serving the Maryland Section. In 2010, I became the Coordinator of The U.S. National Chemistry Olympiad, USNCO (Takashi Tsukamoto - JHU, Michael Zapf - McCormick Co. Angela Sherman - Notre Dame of MD University). I went to a Leadership Institute in Dallas, TX in 2016 (Stephanie Watson – NIST); there, I presented on Dr. Sandra Young's work, "3-D Printing", who had won the ChemLuminary award in 2015. Following this, I was nominated to serve as chair-elect in 2016 and my name was placed in that year's ballot (Sandra Young -Chair-2015). Thank you very much to all voters! The same year, I became the Coordinator of Earth Day Events (Paul Smith-UMBC). In 2017, I continued as Vice-Chair and in the current year I have the

privilege to serve the local section as Chair-2018. I have been lucky to count on the continuous guidance and support from James Saunders, Louise Hellwig, Pumtiwitt McCarthy, Kelly Elkins and George Farrant. This year, I look forward to working with Dr. Jean Ashby, Dean of Instruction, School of Mathematics and Science (SOMS), Dr. Eric Cotton and with six additional chemistry professors from the Community College of Baltimore County, CCBC, that joined ACS last year, to implement the US National Chemistry Olympiad and possibly other activities. In summary, ACS has been very good to me and it will also be very good to you when you join the society.

What can ACS local sections do for you?

Local sections allow you to:

- Connect with other chemists and chemical engineers in your geographic area,
- Enhance your professional development
- Build leadership skills,
- Affect change in your local community through outreach
- Contribute to the public's understanding of chemistry in your community.

The Maryland Section has established several awards, grants and events that form part of our regular yearly program. Among them are: **A Travel Grant** to a member of the Executive Committee to a Leadership Institute Meeting in Dallas, TX. **Travel Awards** for undergraduate/graduate students from Maryland universities and colleges. **Awards and Honoraria** to honor scientists and chemists in the Maryland area and nationally; these include Maryland Chemist of the Year, the George L. Braude Award and the Ira Remsen Award. This year, we will honor Professor Chad Alexander Mirkin (Northwestern University) with the Remsen Award. The award will be presented on November 15, 2018 at Johns Hopkins University. **Student Awards** for undergraduate and graduate students in all Maryland universities and colleges. **Project Grants for ACS Members** to mentor high school students in programs such as Project SEED, U.S. National Chemistry Olympiad (USNCO), Earth Day Activities, Chemistry in the library, National Chemistry week, etc. Under ACS we have access to several grant programs that all members could benefit for their scientific advancement. We have **five councilors** that travel to National meetings, they participate in different national committees and advocate for Maryland chemists and programs; this number could increase with membership.

II. The Maryland Section Website

The Maryland Section website has all information needed. Please check www.maryland.sites.acs.org for information on each event. Our **Chesapeake Chemist Newsletter** (<http://maryland.sites.acs.org/chesapeakechemist.htm>) will also keep you informed on future events and report on past events. Make sure you are in our list so you do not miss out on activities. Five

additional pages will be added to the website this year: (1) News on MARM-2019, (2) Workshop “Preparing Successful Activities,” (3) Donations, (4) Forms and (5) Partnership & Affiliations.

If you have knowledge of efficient, practical and effective websites we need your expertise.

Please [contact us](#) and share your expertise with us!

III. Executive Committee Meetings

Plans for this year include four regular executive committee meetings:

First executive committee meeting possibly on Wed. Feb. 7, 2018 or Monday Feb. 12, 2018

Second executive committee meeting in April 23-27, 2018

Third executive committee meeting in September 4-7, 2018

Fourth executive committee meeting in December 17-20, 2018

Exact dates will be announced approximately two weeks prior to each meeting. Please allocate time in your schedules. An extra meeting will be assigned to discuss MARM-2019. Dates could change.

Please use our website to stay informed on exact dates.

If you have any event to be considered please contact us before each month’s meeting.

IV. The Maryland Section Program for 2018

All ACS members are welcome to our local section activities, lectures and events. They could bring new initiatives to us and ask for support on their activities. We are good at collaborating.

JANUARY

1. ACS Leadership Institute - Dr. Kelly Elkins from Towson University, is the Maryland section travel grant recipient to attend the ACS Leadership Institute-2018 workshop to be held January 19-21, 2018 Dallas, TX. Congratulations! The Leadership Institute provides vital training for successful leadership. Participants gain an understanding of effective leadership and have an opportunity to interact with other local section, technical division officers and ACS governance. Leadership development courses help participants develop core skills important in ACS leadership roles as well as in the workplace. Kelly will share ideas on how to become successful leaders. Her report will be published in the February issue of the Chesapeake Chemist Newsletter.
2. Project Seed - We have two Maryland Section grant recipients for Project SEED. Half of the cost is covered by the local section and the other half by ACS. Members that apply for this grant need to fill out two applications. The first to the local section and upon approval a second application to ACS. The recipients of the local section grant this year are Dr. Takashi

[Tsukamoto](#) from Johns Hopkins University and [Dr. Louise Hellwig](#) from Morgan State University. They will have to apply to ACS before January 31, 2018 for the second half of the grant. Project SEED offers summer research opportunities for high school students from economically disadvantaged families. Project SEED has had a significant impact on the lives of more than 10,300 students for almost 50 years. During the summer of 2017 approximately 400 high school students were placed in over 100 academic, governmental, and industrial laboratories. Students experience hands-on research in chemistry and related sciences. This participation is made possible by contributions from industry, academia, local sections, ACS friends and members, and the Project SEED Endowment. Maryland Section is proud to be one of the participants. This year is the 50th Anniversary of Project SEED and a celebration is being planned for the August ACS National Meeting in Boston. **Become involved in Project SEED for next year! Request the support of your University professor and introduce a future chemistry student to the beauty and exciting world of chemistry.** [Contact us!](#)

3. [Announcement: ACS Call for papers Present Your Innovative Work at the 2018 Green Chemistry & Engineering Conference](#) The call for abstracts is now open! Submit abstracts for presentation at the [22nd Annual Green Chemistry & Engineering Conference \(GC&E\)](#), to be held June 18-20, 2018, in Portland, OR. The theme for the 2018 GC&E is "Product Innovation Using Greener Chemistries."

FEBRUARY

1. [Women Chemists Committee \(WCC\) seminar](#) – All genders are encouraged to attend! The lecture will take place at Stevenson University (Beverly K. Fine School of the Sciences, Kevin Manning Academic Center- 11200 Ted Herget Way, Owings Mills, MD 21117) in the Catonsville Campus. Exact date TBA. Contact: [Sara Narayan](#) and [Kelly Elkins](#)
2. [Executive committee meeting No.1](#) tentative dates Wednesday Feb. 7 or Monday Feb. 12 the exact date TBA Time: 6:00 P.M. at [Notre Dame of Maryland University](#). 4701 N. Charles St. Baltimore, MD 21210 – KNOTT Science Building Room 206.

MARCH

1. [ACS National Meeting in New Orleans](#) – March 18-22, 2018 - Five councilors will attend and an additional member will present a poster entitled: "Montebello Water Filtration Plant-I in Baltimore: Chemistry's contribution to public health".
2. [ACS National Meeting in New Orleans](#), March 18-22 - Fourteen graduate/undergraduate chemistry students will receive [student travel grants](#) to attend this meeting. Each student

will present a poster of their current research. If you go to the meeting please stop by our Local Section posters. Contact: [Louie Hellwig](#)

3. MARM-2019 - The official website for this meeting will appear by March 31st MARM-2019 will be held May 30- June 1, 2019. **If you would like to volunteer to help organize this meeting please contact [Paul Smith](#), MARM-2019 Chair.**

APRIL

1. Student Awards - Ceremony and Lecture at Notre Dame University of Maryland. Date TBA. Contact: [George Farrant](#)
2. Earth Day - [The earth day event](#) will take place on Monday April 22, 2018. Chemistry high school students and their teachers are invited to a tour of the Montebello Water Filtration Plant-I in Baltimore City.
3. U.S. National Chemistry Olympiad - [USNCO](#) – High School students need to apply to the UNSCO Maryland coordinator at <http://beatricesalazarusncocoordinator.webs.com> by March 5th. The competition will take place at the CCBC Catonsville Campus on Saturday 28th. ACS members that want to volunteer on that day to proctor during the exam are welcome. Please [contact us](#).
4. Chem-a-Thon - The Maryland Local Section of ACS has supported the Chem-a-thon at the University of Maryland College Park since 1980. The support includes prizes for students and teachers and volunteer judges. Participation could fluctuate from 26-270 participants. Each school participates with two teacher mentors and two student-teams (level-1 and level-2) per participant school. This is the 34th year of this competition. This event is open to other local sections including our neighbor Washington local section. Contact: [Mike Zapf](#)
5. Executive committee meeting No.2 Exact date TBA

MAY

1. 50/60/70 Year Luncheon - We have a Lecture and luncheon in honor of ACS members that have been in the society for 50/60/70 years. Their names and contributions to chemistry will be announced in May. Contact: [Paul Smith](#)

JUNE

1. BMA Tour “Materials and human creativity through time and place.” The tour will focus on different media (wood, ceramic, bronze, marble, oil, steel, etc.) used by artists to express their creativity in different places and at different times. Saturday or Sunday - Exact date TBA. [Contact us!](#)

The events during the months July – December will be announced in more detail after the second and third executive committee meetings. See our Future Events table.

Beatrice Salazar

Maryland Section Chair-2018

CONGRATULATIONS to Angela Sherman!

Dr. Angela Sherman, from Notre dame of Maryland University, has been named the recipient of the 2018 Local Section Outreach Volunteer of the Year Award for the Maryland Local Section. She will receive an Award and an announcement with all of the awardees' names will be made in the spring of 2018 in *C&E News*.