

## Welcome!

The Maryland Section of the American Chemical Society invites all ACS members to participate and volunteer in all events and activities of the year 2018.

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## MARM-2019

Become Active in the next regional meeting.  
Contact: [Paul Smith](#)

Become a member of the Local Section by becoming a member of ACS.

### [Maryland Section Website:](#)

[www.maryland.sites.acs.org](http://www.maryland.sites.acs.org)

### [Chesapeake Chemist Newsletter](#)

Monthly report of events, activities, information and volunteer work to support the professional community, schools and Baltimore City

### Contact Us

[Contact-us@mdchem.org](mailto:Contact-us@mdchem.org)  
[beatricesalazar1@gmail.com](mailto:beatricesalazar1@gmail.com)

## 2018 VOLUNTEER OF THE YEAR

The Maryland Section of the American Chemical Society Celebrates Outstanding



The Local Section Outreach Volunteer of the Year program recognizes one individual annually for demonstrating extraordinary outreach volunteer service within the section.

ACS sends an award to present to the honoree during a section meeting in the spring of 2018. An announcement of all awardees will be made by spring 2018 in C&EN, a weekly magazine published by the American Chemical Society. The awardees photo and volunteer accomplishments is also published on the [Get Involved, Stay Involved](#) webpage of ACS.

# Chesapeake Chemist

Maryland Section  
American Chemical Society

## 2018 Section Officers:


Chair 2018..... Beatrice Salazar, [beatricesalazar1@gmail.com](mailto:beatricesalazar1@gmail.com)  
Vice Chair 2018..... Dana Ferraris, McDaniel College, [dferraris@mcdaniel.edu](mailto:dferraris@mcdaniel.edu)  
Chair-Elect (Chair 2020).... Pumtiwitt McCarthy, Morgan State University, [pumtiwitt.mccarthy@morgan.edu](mailto:pumtiwitt.mccarthy@morgan.edu)  
Secretary 2018..... Louise Hellwig, Morgan State University, [louise.hellwig@morgan.edu](mailto:louise.hellwig@morgan.edu)  
Treasurer 2018..... Angela Sherman, Notre Dame of Maryland University, [asherman@ndm.edu](mailto:asherman@ndm.edu)  
Past Chair (2017)..... Stephanie Watson, N.I.S.T., [stephanie.watson@nist.gov](mailto:stephanie.watson@nist.gov)

## 2018 SECTION COMMITTEE ON NOMINATIONS

Nominated by current Chair, Congratulations!

Chair of the Committee on Nominations..... James Saunders, [jsaunders@towson.edu](mailto:jsaunders@towson.edu)  
Additional 4 members: ..... Beatrice Salazar, Chair (required), [beatricesalazar1@gmail.com](mailto:beatricesalazar1@gmail.com)  
..... Dana Ferraris, Vice Chair (required), [dferraris@mcdaniel.edu](mailto:dferraris@mcdaniel.edu)  
..... Sara Narayan, Stevenson University, [SNARAYAN@stevenson.edu](mailto:SNARAYAN@stevenson.edu)  
..... Sandra Young, RDECOM, [sandra.k.young26.civ@mail.mil](mailto:sandra.k.young26.civ@mail.mil)

## COUNCILORS/COMMITTEES

1. 2018-2020 Dana Ferraris Chair of the Section Program Committee (McDaniel College), [dferraris@mcdaniel.edu](mailto:dferraris@mcdaniel.edu)
2. 2018-2020 Jan Kolakowski Chair of Section Finance/Investment Committee, [jan.e.kolakowski.civ@mail.mil](mailto:jan.e.kolakowski.civ@mail.mil)
3. 2017-2019 Merle Eiss Member of ACS Meetings and Expositions Committee 2017, [meiss32@aol.com](mailto:meiss32@aol.com)
4. 2017-2019 Paul Smith Member of ACS Local Section Activities(LSAC) Committee  
Associate/Chair of Long Range Planning Committee (MARM-2019) (UMBC),  
[pjsmith@umbc.edu](mailto:pjsmith@umbc.edu)
5. 2018-2020 Stephanie Watson Member of the ACS Committee on Committees (ConC) Liaison on  
[Nomenclature, Terminology and Symbols](#) (NIST), [stephanie.watson@nist.gov](mailto:stephanie.watson@nist.gov) 

## ALTERNATE COUNCILORS/COMMITTEES

1. 2017-2019 Kelly Elkins Member of the ACS Ethics Committee, [Kmelkins@towson.edu](mailto:Kmelkins@towson.edu)
2. 2017-2019 Pumtiwitt McCarthy Chair of Publicity Committee, [pumtiwitt.mccarthy@morgan.edu](mailto:pumtiwitt.mccarthy@morgan.edu)
3. 2017-2019 Sandra Young Chair of Community Outreach Activities Committee, [sandra.k.young26.civ@mail.mil](mailto:sandra.k.young26.civ@mail.mil)
4. 2018-2020 Michele Foss Committee TBA, [foss.mg@pg.com](mailto:foss.mg@pg.com)
5. 2018-2020 Sarah Zimmerman Chair of Member Assistance Committee,\* [szimmerman@portdiscovery.org](mailto:szimmerman@portdiscovery.org)

\*New 2018 Committee as per Maryland Section Governance Bylaws, nominated by current Chair, Congratulations!

<https://www.acs.org/content/dam/acsorg/about/governance/charter/lsbylaws/maryland.pdf>

## MEMBERS-at-Large

Suzanne Procell, Edgewood Chemical Biological Center, [suzanne.a.procell.civ@mail.mil](mailto:suzanne.a.procell.civ@mail.mil)  
Rose A. Pesce-Rodriguez, RDECOM, [rose.a.pesce-rodriguez.civ@mail.mil](mailto:rose.a.pesce-rodriguez.civ@mail.mil)  
Sara Narayan, Stevenson University, [SNARAYAN@stevenson.edu](mailto:SNARAYAN@stevenson.edu)  
James Saunders, [jsaunders@towson.edu](mailto:jsaunders@towson.edu)  
George Farrant, [gfarrant@yahoo.com](mailto:gfarrant@yahoo.com)

## [Awards Committee Chairs & Local Section Committees Chairs](#)

### Maryland Section on the Web:

[maryland.sites.acs.org](http://maryland.sites.acs.org)

### Webmaster:

Pumtiwitt McCarthy, [Pumtiwitt.McCarthy@morgan.edu](mailto:Pumtiwitt.McCarthy@morgan.edu)

### Chesapeake Chemist Editor-in-Chief:

Pumtiwitt McCarthy, [Pumtiwitt.McCarthy@morgan.edu](mailto:Pumtiwitt.McCarthy@morgan.edu)

### Contact us at:

[contact-us@mdchem.org](mailto:contact-us@mdchem.org)

## Message from the Chair

Dear colleagues:

During our first executive committee meeting on February 12<sup>th</sup> there were many events that were approved. Our 2018 theme, *Information is key*, is now an integral part of our monthly initiatives.

Dr. Kelly Elkins (Towson University) attended the Leadership Institute Meeting in Dallas in January and provided a summary of the events. Workshops and activities focused on strategies to create successful events; how to deal with time, planning, networking, and engaging volunteers. Her report is included in this issue.

We have a webinar on February 27<sup>th</sup> to learn about the OPIOID epidemic in the United States. Please “save the date” to participate in this presentation; use [www.acs.org/PIB](http://www.acs.org/PIB) or YouTube (6:45 P.M. ET). In March, several of us will attend the ACS National meeting in New Orleans. In addition to the councilors, we will have fifteen graduate and undergraduate students from the ACS Maryland section presenting posters. We will also be presenting a poster on our annual tour of the Montebello water treatment plant to high school students. The Student Awards event will take place on April 8<sup>th</sup>. We have arranged for a demonstration on essences and products by a representative from *Trilogy Essential Ingredients, Inc.* Two additional events in June will be a Baltimore Museum of Art tour entitled “Materials and human creativity through time and place” (the exact Saturday or Sunday in June will be announced in May) and a visit to the water filtration plant by Montebello lake (June).

We are actively updating our website. Dr. James A. Saunders (former Maryland section chair) and Dr. Merle Eiss (Maryland section councilor) are rewriting and editing the history of the Maryland Section. We have received an offer to help with the design of the website. I encourage members to give ideas on a user-friendly, attractive website.

I encourage all Maryland Section members to get involved in the activities prepared by the local section. We need collaboration with two student activities in April. The first is the US National Chemistry Olympiad workshop; ACS Maryland members will be helping students prepare for the competition. The second is an outreach science night activity in the evening of April 26<sup>th</sup>.

We are happy to announce the *2018 High School Teacher Award* winner to attend a scientific meeting. Chemistry teacher Dr. Adam Wishart (Baltimore Polytechnic Institute) has been recognized for his excellence in chemistry teaching. The prize includes \$1500 to attend the 25<sup>th</sup> Biannual Conference on Chemical Education at Notre Dame in South Bend, IN in the summer of 2018.

We also are happy to announce that Dr. Angela Sherman (Chemistry Department Chair at Notre Dame of Maryland University and Maryland Section Treasurer) has received the 2018 Outreach Volunteer of the Year Award for her commitment to the local section and the outreach programs. An announcement of the award and her picture came out in [February 8<sup>th</sup>](#) in the ACS website and she will be featured in the Chemical and Engineering News this spring. Way to go Angela, you are an inspiration!

*Beatrice Salazar*

Maryland Section Chair-2018

## *Information is 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 100<sup>th</sup> 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](http://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: Monday Feb. 12, 2018

Second executive committee meeting: Tuesday, April 24, 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. Executive committee meeting No.1 Monday Feb. 12 Time: 6:00 P.M. -8:00 P.M. at [Notre Dame of Maryland University](#). 4701 N. Charles St. Baltimore, MD 21210 – KNOTT Science Building Room 218.

2. February 27, 2018 Opioids: Fighting Addiction with Chemistry Meeting

The opioids epidemic has claimed more 30,000 lives in 2016. How many more in 2017? Join us as a group from the Maryland Section for this special broadcast to learn what makes these compounds so addictive, the treatment and medications that are being used to alleviate the suffering of the users. The panel is formed of medical experts and chemists.

When: Tuesday, February 27, 2018 - 7:00 P.M. ET

Where: Online check: <http://www.acs.org/PIB>

All ACS members are encouraged to participate. We will create a group or we will participate individually but make sure you mention you are from ACS Maryland Section.

For details on how to connect please contact: Beatrice Salazar ([beatricesalazar1@gmail.com](mailto:beatricesalazar1@gmail.com))

## MARCH

1. Notice of event change ( this lecture has been postponed, date TBA): [Women Chemists Committee \(WCC\) Seminar](#) – All genders are encouraged to attend! Our Speaker is Dr. Clare Muhoro. The lecture location TBA. Contact: [Sara Narayan](#) and [Kelly Elkins](#) PLEASE [RSVP](#) to the MD ACS ([contact-us@mdchem.org](mailto:contact-us@mdchem.org)).



Women Chemists Committee (WCC) serves all members of the American Chemical Society. The Maryland local section's mission is to continue the mission of ACS that is, to be leaders in attracting, developing, promoting, and advocating for women in the chemical sciences in order to positively impact society and the profession. Our goal is to increase participations of women in the chemical sciences, every year, we invite a women chemists to address the community of chemists professionals and students in the Maryland area. We advocate for women chemists in issues that concern to their career and professional advancement. We recognize women chemists' professional accomplishments in all science disciplines.

Contact: Dr. KELLY ELKINS, Assistant Professor, Chemistry Department, Smith Hall, Room 514 - Phone: [410.704.6217](tel:410.704.6217) - Email Address: [kmelkins@towson.edu](mailto:kmelkins@towson.edu)

2. ACS National Meeting in New Orleans – March 18-22, 2018

(a) Five Maryland section councilors will attend the ACS National Meeting.

(b) POSTERS:

- (i) a poster entitled “Montebello Water Filtration Plant-I in Baltimore: Chemistry’s contribution to public health,” will be presented by a former Baltimore County High School Chemistry Teacher
- (ii) Fourteen graduate/undergraduate chemistry students received [student travel grants](#) to attend this meeting. Each student will present a poster of their current research. Click [here](#) to see the names of the participants and their poster titles. The abstract of each poster will be posted later. If you go to the meeting please stop by our Local Section posters.
- Student Travel Grants – Each year the local Section invites Maryland ACS members to apply for this grant. The grants are awarded on a first-come, first served basis for those applicants that comply with the criteria established by the local Section’ Committee on Student Travel Grants. For more information contact Committee Chair: [Louie Hellwig](#)

3. MARM-2019 - The official website for this meeting will appear by March 31<sup>s</sup>. 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](#) –The award ceremony is held each year to celebrate 19 -21 top chemistry students from colleges and universities in the Maryland area. Students are selected by their professors and mentors and must comply with specific criteria from the Maryland Section’s Student Award Committee. The awards are presented to each student after an elegant lunch and a chemistry related lecture. This year, we are fortunate to have a lecture and a demonstration. The Speakers, for 2018 are Dr. Steve Askew and Dr.



Roxanne Askew from [Trilogy Essential Ingredients Inc.](#)

Each awardee receives a Certificate, a printed copy of the April Edition of the Chesapeake Chemist where they are honored and a gift. The ceremony is well attended; teachers, friends and family of awardees celebrate together the student’s achievements.

Join us! For more information, contact the Committee chair: [George Farrant](#).

The Luncheon/Ceremony will be at Notre Dame of Maryland University in the Doyle Formal Room. Sunday, April 8, 2018 Time: 12:00 Noon- 3:30 P.M. Directions: [4701 North Charles Street, Baltimore, MD 21210](#) - Campus Map: <http://www.ndm.edu/about-us/our-campus/map-directions-parking>

PLEASE RSVP by emailing: [contact-us@mdchem.org](mailto:contact-us@mdchem.org) or contact: George Farrant at [gfarrant@yahoo.com](mailto:gfarrant@yahoo.com) or Angela Sherman at e-mail address: [asherman@ndm.edu](mailto:asherman@ndm.edu)



2. Earth Day - [The earth day event](#) will take place on Friday, April 20, 2018. Chemistry high school students and their teachers are invited to tour the Montebello Water Filtration Plant-I in Baltimore City. All high schools in the Maryland area are welcome to apply for this tour-celebration of earth-day. The Tour includes: History of water treatment, information on water sources, a visit to each plant stages of water treatment, the chemistry of water treatment and its impact on public health. Please [contact us](#).



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 5<sup>th</sup>. The competition will take place at the CCBC Catonsville Campus on Saturday, April 14<sup>th</sup>. from 7:30 A.M.-3:30 P.M. 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 34<sup>th</sup> 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 Tuesday, April 24, 2018 at Stevenson University (Owings Mills campus) at 6:00 P.M.- 8:00 P.M Science Building, Room N-122.

## 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](#)

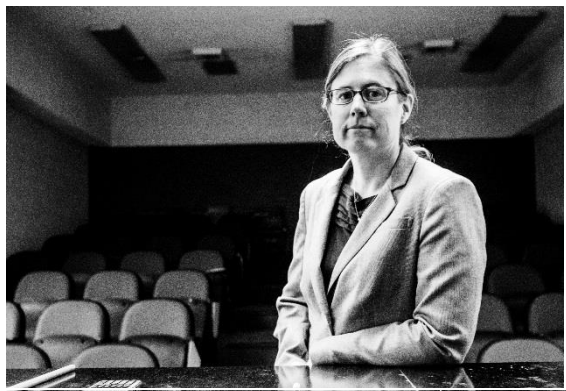
## JUNE

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



# Successful Activities

Maryland Section 2018

## My Story

On a weekend in late January after a week of blustery cold in Baltimore, I travelled to the comparably balmy Dallas, TX to attend the 2018 ACS Leadership Institute. Although I earned a doctoral degree in Chemistry fifteen years ago, and have extensive teaching experience and an active research group and publication record, I was looking forward to the Leadership Institute to further develop the leadership skills that I was not trained in as part of my technical education with the goal of better serving our local section.

I currently serve as an elected Alternate Councilor for the Maryland Section of the ACS and as a member of the Executive Committee. I have

...I plan section meetings including Women Chemists (WCC) and social events centered around chemistry and a technical session at the upcoming MARM regional meeting in 2019.

## In This Issue:

volunteered in our local section for the past five years and have been offered the opportunity to plan section meetings including Women Chemists and social events centered around chemistry and to plan a technical session at the upcoming MARM regional meeting.

The Leadership Institute consists of both elective and “required” sessions as well as meals with other regional and national leaders and informal networking. The first session was directed at local section volunteers like myself and included sessions on getting acquainted with leaders from our region and planning successful section activities. This was followed by workshops on Funding Section Events, Social Media, and Communicating with Your Members. For the subsequent sessions on the second day, I elected to take *Leading without Authority and Engaging and Motivating Volunteers*.

As a person with a naturally introverted personality, I felt I could learn a lot from both of

## January event

these courses and I was not disappointed. ACS knows how to train its members, leaders and volunteers and does it well. The courses encourage participation, contain valuable material and are taught by trained, “professional” ACS instructors.

I gained “best practices” information from attending the Leadership Institute including ideas for new programming, expanding our engagement with our section members, and a new mid-Atlantic network to draw from to collaborate on new activities. I plan to take additional ACS Leadership courses online through the ACS Center for Professional Development now that I am back in Maryland; these are open to all (including non-members).

I am grateful to the Maryland section for nominating me to attend and giving me this opportunity and to the ACS for investing in us.

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### Contact:

Dr. KELLY ELKINS, Assistant Professor.  
Towson University Chemistry  
Department, Smith Hall, Room 561  
Phone: 410.704.6217 Email  
Address: [kmelkins@towson.edu](mailto:kmelkins@towson.edu)

# Congratulations Student Travel Awardees!

## Applicants for Student Travel grants for New Orleans March 2018

All are undergrads unless otherwise noted

<u>Name</u>	<u>Institution/Status</u>	<u>Description of Paper / Poster</u>
Luke Monroe	Towson	UPLC/ESI-TOFMS method development for cocoa origin classification
Caitlin McCadden	McDaniel	Design, synthesis, and evaluation of selective inhibitors of mono-(ADP-ribosyl)transferase, PARP-10
Mamatha Hopanna	UMBC grad	Comparative study of the photochemical fate of ebselen and its carbon analog during direct and indirect Photolysis
Ethan Hain	UMBC grad	Antimicrobial susceptibility, stress responses, and hormesis in <i>Pseudomonas fluorescens</i> as metrics for assessing impacts of antibiotics in the environment
Sarah Wirick	Hood	Femtosecond laser eyewear protection: Measurements and precautions
Ivie Conlon	UMB Pharm grad	Dual inhibition of Bcl-2/Mcl-1 and MDM2 with novel $\alpha$ -helix mimetics based on a densely-functionalized isoxazole core
Tiara Hinton	Morgan	Synthesis and cytotoxic properties of organorhenium indomethacinato complexes
Nathan Bowen	UMB Pharm	Covalent strategies towards the selective inhibition of the Mcl-1 oncoprotein
Sarah Talamantez-Lyburn	Towson grad	Increasing the efficacy of HSP90 inhibitors in breast cancer
Gregory Vickers	UMB Pharm	Structure-based design of dual Bcl-2/Mcl-1 inhibitors
Sabreea Parnell	Morgan	Organorhenium ibuprofenato, picolinato and nicotinato complexes as anticancer agents
Maisha Khan	Hood	Development of a Coxiella Burnetii Culturing Method for High Throughput Assay to Identify Growth Inhibitory Small Molecules
Elijah Williams	McDaniel	Rational design and synthesis of potent and

		aqueous soluble bis-amino alcohol dimeric naphthoquinones with activity against acute myeloid leukemia cells
Elena Donahue	St. Mary's College of MD	Fully Solution Processed Semitransparent Inorganic Nanocrystal Solar Cells

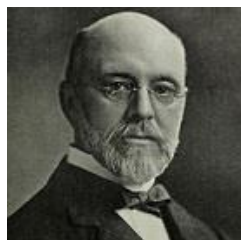
Towson	2	McDaniel	2	St. Mary's C MD	1
Hood	2	Morgan	2	UMBC Pharm	3
UMBC	2				

Total 14 Participants

## 2018 Outreach Volunteer of the Year Award

Dr. Angela Sherman (Chemistry Department Chair at Notre Dame of Maryland University and Maryland Section Treasurer) has received the 2018 Outreach Volunteer of the Year Award for her commitment to the local section and the outreach programs. An announcement of the award and her picture came out in [February 8<sup>th</sup>](#) in the ACS website.

## The Remsen Award is announced!



The Ira Remsen Award was inaugurated in 1946 in honor of Ira Remsen who was the second President of Johns Hopkins University.

The **73<sup>rd</sup> Ira Remsen Award (2018)** will go to Professor Chad Mirkin of Northwestern University. The award will be presented on November 15, 2018 at Johns Hopkins University.

Contact [Dana Ferraris](#), Vice-Chair Maryland Section

Announcement courtesy of C&EN, Lisa Wang



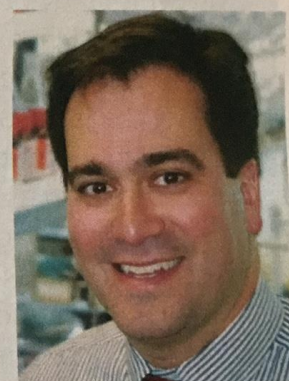
### ► Remsen Award to Chad Mirkin

**Chad Mirkin**, the George B. Rathmann Professor of Chemistry and director of the International Institute for Nanotechnology at Northwestern University, is the winner of the \$2,500 Remsen Award, presented by the ACS Maryland Section for outstanding achievement in chemistry. The award is named after Ira Remsen, Johns Hopkins University's first chair

of the chemistry department.

Among Mirkin's achievements is the invention of spherical nucleic acids, which have applications including extracellular and intracellular molecular diagnostics, gene regulation, and immune modulation. He will present a lecture on Nov. 15 at Johns Hopkins University.—LINDA WANG

Please send announcements of awards to [l\\_wang@acs.org](mailto:l_wang@acs.org).



CREDIT: SAM WILLARD PHOTOGRAPHY (DOUDNA); COURTESY OF C



# SUCCESS STORIES

## Update on Project SEED Alumni

**Corshai Williams**, formerly a student at Western High School, was a Project SEED high school student at Morgan State University during the summer of 2013 (working with Dr. Yousef Hijji) and the summer of 2014 (Dr. Pumtiwitt McCarthy). We have now received word that she has been accepted at MIT for a PhD in Chemistry with a full scholarship and teaching assistant position! Congratulations Corshai!

The ACS Project SEED summer research program allows economically disadvantaged high school students to intern in an academic, industrial, or government laboratory.

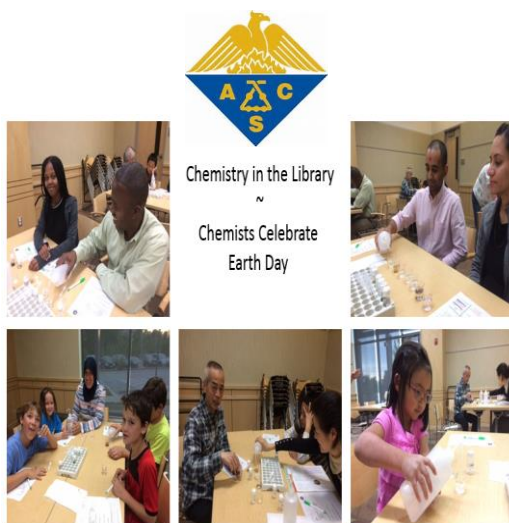
<https://www.acs.org/content/acs/en/education/students/highschool/seed.html>

Corshai's stipend was paid by the national ACS (50%) and by the Maryland Section

## NEW PROGRAMS

### Public Outreach by ACS Maryland Local Section continues in 2018

Our curriculum was designed to fit within the theme of the 2017 Earth Day Celebration: "Chemistry Helps Feed the World". A key component of this effort is the role fertilizers play in producing quality, high-yielding crops for a growing population. Discussions and activities related to the chemistry of fertilizers offered



excellent opportunities to explain the fundamentals of chemistry and biology (e.g. charge, pH, nutrients, soil physical chemistry) to students and parents in a way that is understandable and relevant to their everyday lives, and also provided a wonderful opportunity to showcase the key role that the Central Science plays in helping to feed humanity.



# Announcements

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."

## Attention U.S. National Chemistry Olympiad (USNCO-2018) Participants

Due to the increased interest in the USNCO local participation we have decided to open the registration to this outstanding competition in advance:

- Registration for 2018 Local Exam is now open for all previous and new participants.
- Schools will receive a letter of invitation in January and February 2018
- The Local Exam will take place during the Month of March 2018
- The National exam will take place in April 14, 2018 (New location: Community College of Baltimore County, CCBC)

Please use the website <http://www.beatricesalazarusncocoordinator.webs.com> to find the registration form. The website will be updated soon to show the correct dates as soon as we receive confirmation from ACS headquarters.

Thank you for your continuous interest in USNCO local and National competition

### REMINDER:

#### Receiving the Chesapeake Chemist

Hopefully, if you are reading the Chesapeake Chemist this month, you are receiving it via e-mail from us. We went to electronic-only mailings to our MD ACS membership in October 2006.

**Changing your e-mail address? Moving out of the MD ACS area?** E-mail changes can be updated either by:

- E-mailing us at [contact-us@mdchem.org](mailto:contact-us@mdchem.org) – give us your member #, full name, and e-mail changes and we can ensure that your records are updated with National ACS.
- **Contacting the National ACS membership division: 800-333-9511 (US only)** or [service@acs.org](mailto:service@acs.org)

To ensure that you receive the Chesapeake Chemist, please add the MD ACS e-mail ([contact-us@mdchem.org](mailto:contact-us@mdchem.org)) to your accepted e-mail address list IF you have a spam filter.

If you are a member who currently doesn't receive the Maryland ACS Chesapeake Chemist but download it from our website, it is possible that National ACS does not have your e-mail address on file. If you want to receive the Chesapeake Chemist via e-mail, please e-mail us at [contact-us@mdchem.org](mailto:contact-us@mdchem.org) – give us your member #, full name, and e-mail address and we can ensure that your records are updated with National ACS.

The current edition and previous editions of the Chesapeake Chemist can ALWAYS be obtained via our website: <http://mdchem.org> – please see the Newsletter Archive link on the left-hand side of the website.



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