

## 2021 Braude Award Recipient

**Dana  
Ferraris**  
Associate  
Professor  
McDaniel  
College

P 5

**Dinner and  
Lecture  
October  
20th**

P 4



**Who's behind the award... P 6**

Newsletter

October , 2021

Volume 78, Issue No. 4

## Maryland Local Section Newsletter

Editor in chief: [Beatrice Salazar](#)

### Policy

Pumtiwitt McCarthy, Chair-2020/social Media  
 Sarah Zimmerman, Web Master  
<https://acsmaryland.org>

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### *From the Editor's Desk...*



### **Our symbol, our colors, our society...**

**W**earing the ACS Colors with pride is part of the unity represented in the ACS symbol. The members of the American Chemical Society are united by this symbol, therefore is so important the continuous collaboration among its members. In 1948 the ACS symbol was adopted, it represents the meaning of our society, the work of our scientists and the desire to share and delegate their chemistry knowledge with future chemists, (p 10).

**C**ongratulations! Associate Professor Dana Ferraris, Ph.D. at McDaniel College is the recipient of the 2021 Braude Award given by ACS Maryland Local Section. The abstract of the Braude Lecture, dinner and other information on the award begins on p 4. Learn about what made Professor Ferraris so especial for this award P 5-9. Dr. Ferraris is wearing the ACS colors with pride. The colors cobalt blue and yellow symbolize fire and water, key components of chemistry. The fire is understood as a symbol of commitment to excellence in chemistry and that is exactly what Dr. Ferraris is demonstrating through his young career in chemistry. The yellow depicted on the phoenix represents chemical activity, the birth of a new substance through energy, which in my opinion is the research performed by Professor Ferraris and his group at the McDaniel labs. Join us on October 20, 2021, for the Braude Lecture at McDaniel campus.

**C**ongratulations! Another distinguished scientist, Professor Takashi Tsukamoto at Johns Hopkins University has been nominated to the 2021 Chemist of the Year Award also given by ACS Maryland Local Section. Read the preliminary information on p 17 and look forward to the Chesapeake Chemist December issue in his Honor.

Keep reading the information we have for you: the councilor's report, the announcements, and acknowledgments. We hope you find them informative and useful.



Thank you for your continuous support and keep sending articles of interest to all of us.

*Beatrice Salazar*

Editor-in-Chief, ACS Maryland Section

September 27, 2021

# Chair's Message



## **Dr. C. Eric Cotton** **Associate Professor**

Chair, ACS Maryland Section  
[acsmaryland.org](http://acsmaryland.org)

### **C. Eric Cotton, Ph.D.**

Associate Professor of Chemistry  
The Community College of  
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Catonsville Campus, MASH 014  
800 S. Rolling Road, Catonsville,  
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**CCBC.**

*The incredible value of education.*

Phone: 609-258-5778

Greetings Maryland Section:

I hope this message finds you well. I have good news to share from the Executive Committee. Professor Dana Ferraris will receive the 2021 Braude Award at a reception to be held at McDaniel College in Westminster Maryland on October 20th.

In other good news, the 2021 Maryland Chemist of the Year Award will be presented to Takashi Tsukamoto.

In other news: The new by-laws have yet to be reviewed by the ACS, so we will not be able to present them to you this year. However, you should look for more news on the 2021 section elections soon.

Thanks and Best Wishes,

Eric Cotton

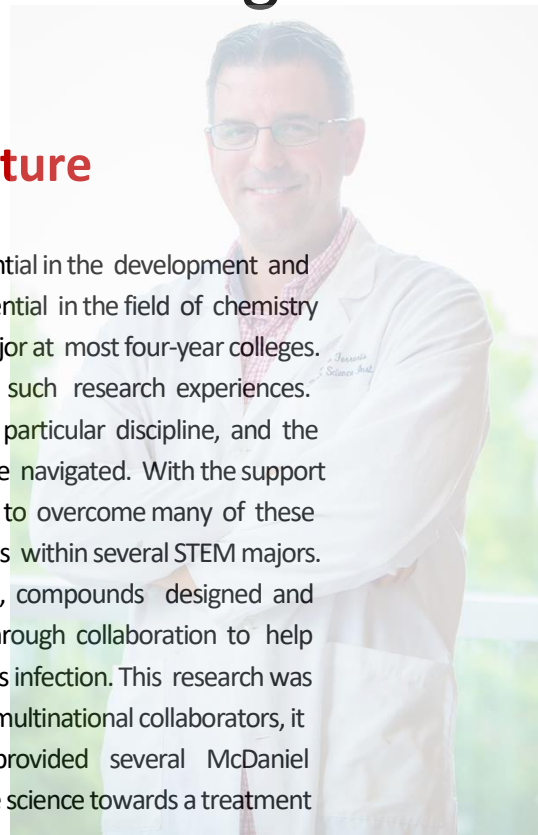
C. Eric Cotton, Ph.D.  
2021 Chair - Maryland Section of the ACS  
[ccotton2@ccbcmd.edu](mailto:ccotton2@ccbcmd.edu)

# Undergraduate Research in Medicinal Chemistry at McDaniel College

## Welcome to the Braude Award Lecture

### Abstract

Undergraduate research in STEM is commonly regarded as essential in the development and training of every burgeoning young scientist. It is particularly essential in the field of chemistry and it is often a requirement for completion of the chemistry major at most four-year colleges. However, several factors hinder the ability of faculty to offer such research experiences. Budgetary constraints, time constraints, lack of students in their particular discipline, and the willingness/ interest levels of students are, just a few barriers to be navigated. With the support of McDaniel College, the Chemistry Department has been able to overcome many of these hurdles to offer high quality, impactful research to undergraduates within several STEM majors. As an example, in the McDaniel Medicinal Chemistry labs, compounds designed and synthesized by undergraduate researchers have been tested through collaboration to help identify a potential therapeutic drug target to treat coronavirus infection. This research was conducted prior to the COVID-19 outbreak and with the help of multinational collaborators, it has continued through the pandemic. This research has provided several McDaniel undergraduates with valuable experiences that have advanced the science towards a treatment for COVID-19.



## Dinner and Braude Award Lecture By Maryland Local Section in Baltimore

The dinner will be Wednesday, October 20<sup>th</sup> in the evening 6:00 P.M. Braude Lecture 7:15 P.M.

at McDaniel College Naganna Forum - The Roj Student Center

RSVP Louise Hellwig - Adults \$ 20.00 Students \$ 10.00.

[McDaniel College](#)  
2 College Hill  
Westminster, MD 21157  
410-857-2223

### DIRECTIONS and CONTACT

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Dana Ferraris  
[dferraris@mcDaniel.edu](mailto:dferraris@mcDaniel.edu)  
[danaFerraris@yahoo.com](mailto:danaFerraris@yahoo.com)

# DANA FERRARIS

## Meet the 2021 Braude Award Recipient



The COVID-19 pandemic is offering a great teaching opportunity for faculty.

**Dana Ferraris, Ph.D., M.B.A. John Desmond Kopp Endowed Chair, Associate Professor of Chemistry, Department Chair, McDaniel College**

Dr. Ferraris received his Ph.D. degree in chemistry from Johns Hopkins University in 1999 and his M.B.A. from Carey Business School in 2009. Early in his career, Dr. Ferraris held a variety of leadership positions in the pharmaceutical industry particularly at Guilford, MGI Pharma, and the Eisai Pharmaceuticals. His efforts in the pharmaceutical industry resulted in the recent FDA approval of Cedazuridine to treat Myelodysplastic Syndrome. Dr. Ferraris then joined Johns Hopkins University as a Principal Scientist in 2009. He led medicinal chemistry activities at the Brain Science Institute with a primary mission of translating discoveries in basic science into novel therapeutics. In 2014, Dr. Ferraris transitioned into teaching at the undergraduate level and is currently at McDaniel

College as an Associate Professor and the Chair of the Chemistry Department. Dr. Ferraris has extensive drug discovery experience in oncology, specifically in the design and synthesis of inhibitors of several members of the PARP family of enzymes.

### Other awards and professional positions:

- **Ira Remsen Award** Committee Chair for ACS Maryland Local Section and liaison with JHU nomination Board. 2013-Present
- **Chair of the ACS Maryland** Local Section, 2019
- **Councilor of the ACS Maryland** Local Section, 2013-2020
- **Chesapeake Chemist Newsletter** (CCNL) collaborator, See [article "Career Change from the Pharmaceutical Industry to Academia"](#) on the Chesapeake Chemist from [August/September Vol 77 Issue No.5](#) (August 15, 2020) page16.

## WHO IS BEHIND THE AWARD?



# Braude Award Founder

Monique Braude created the award in 2003



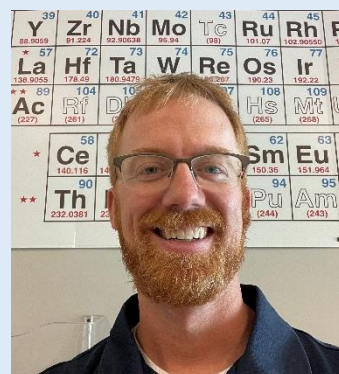
*Dr. George Braude (husband) wished to support faculty who mentors undergraduates... This annual award honors outstanding college chemistry professors doing research...*

# Braude Award Nominator

[Shawn Hampt](#)



*"Congratulations on your accomplishments in chemical education and research!"*



*"...Very honored and proud to know Dana, and to have seen the difference he's made in chemistry as well as the lives of his students!"*

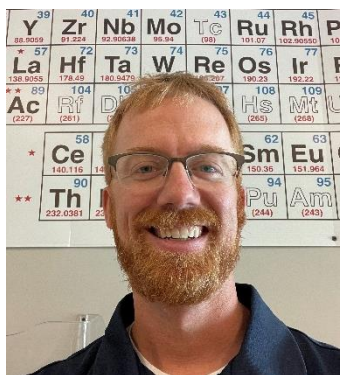
# Braude Award Committee Chair

[Louise Hellwig](#)

ACS Maryland Local Section



# WHY I NOMINATED DANA...



*I am so excited for Dana!*

## Shawn Hampt, Sep 10, 2021

Nominating Dr. Dana Ferraris for the Braude Award is a honor and privilege. The care he takes with each of his students and mentees is something to be modeled by others. Having observed a few of his classes and labs, I am confident in saying he is, hands down, of the of the most influential agents of positive change in the field of chemistry and chemistry education. Dana's charisma and energy helps put relationships with his students paramount, and thus the learning and understanding of content flows with a ease not seem often in a college chemistry setting. His effort he puts forth into mentoring his advisees to help them

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plan their yearly classes, summer research opportunities, and post-graduation pathway is nothing short of amazing. He is a teacher, mentor advisor, career planner, of exemplary status – one might even say TITAN in this area.

Dr. Dana Ferraris' achievements speak for themselves, whether it be COVID-19 summer research or FDA approval of a cancer fighting drug. What makes him invaluable in the world of chemistry is his commitment to excellence in chemistry education, dedication in stewardship to his research students, and his unparalleled energy in building positive relationships with his students!

Manchester, MD with his wife Amy, and his two young children Sophie and Emmet.



*Congratulations Dana!*

## Louise Hellwig

Congratulations to Professor Dana Ferraris. Upon the recommendation of Shawn Hampt, The Maryland Section of the American Chemical Society has selected Dana Ferraris as the 2021 Braude Award Winner in consideration of his research involving undergraduate students.

Dr. George Braude wished to support faculty who mentors undergraduates. This annual award honors outstanding college chemistry professors doing research with the assistance of undergraduates.

Louise Hellwig is the chair of the Braude Award Committee since 2000. She invites all ACS Maryland Members to actively participate in nominating scientists' colleagues or

### Biography:

Shawn Hampt is currently a Teacher of Science, Chemistry, Physics and Head Varsity Baseball Coach at Manchester Valley High School.

Mr. Hampt is a 2005 Graduate of Washington College (Chestertown, MD) where he received a B.S. in Chemistry with certification in Secondary Education as well as played 4 years of Varsity Baseball. He has taught chemistry and physics for the past 16 years for Carroll County Public School system; along with teaching science in the CCPS system.

In addition, he has been teaching chemistry classes using the Flipped Classroom model along with using POGIL pedagogy. He lives in

from the community. Nominations are open for the year 2022. Please contact Award chair at [Louise.Hellwig@morgan.edu](mailto:Louise.Hellwig@morgan.edu) Chemistry Department, SP 212 Morgan State University 1700 E. Cold Spring Lane Baltimore, MD 21251 443 885 2085

The recipient receives a plaque describing his/her contributions and a monetary award to help support further student research.

## MORE ABOUT DR. DANA FERRARIS



*To support Research...!*

Braude Award:

<https://acsmaryland.org/braude-award/>

The Maryland Section established the George L. Braude Award in 2003. Monique Braude created this annual award in her husband's memory to support a professor to do research in an academic setting. Longtime member of ACS until her passing in 2009. She felt that George had not had an opportunity to support teaching so the idea of the award will solve this concern.

George L. Braude served as chair of the Maryland Section in 1962 and received the Maryland Chemist Award in 1968.



*I am truly honored to even be considered for this award. Thank you so much!"*

## Discovering Antiviral Drugs to Treat COVID-19

### The Academic Minute



A synthetic medicinal chemist, Ferraris spent over 15 years doing drug discovery in the pharmaceutical industry and he received FDA approval in 2020 for cedazuridine, a cancer drug he and his group invented more than a decade ago. He has also been involved with the American Chemical Society since 1994.

Prior to joining McDaniel, he taught at Stevenson University and The Johns Hopkins School of Medicine. Ferraris earned a bachelor's degree in Biochemistry from Lafayette College and a M.B.A. and Ph.D. from Johns Hopkins University.

Use the link "[the Academic Minute to listen to Dr. Ferraris podcast on Discovering Antiviral Drugs to Treat COVID-19](https://academicminute.org/2021/09/dana-ferraris-mcdaniel-college-discovering-anti-viral-drugs-to-treat-covid-19/)"

Or use the link:

<https://academicminute.org/2021/09/dana-ferraris-mcdaniel-college-discovering-anti-viral-drugs-to-treat-covid-19/>

### Research:

*"My group has been working to design small molecules to inhibit the coronavirus' main protease, or in other words, interrupt the virus' replication cycle and render it harmless – a strategy that has worked in both HIV and Hepatitis C therapy. Craig's research group has been focused on disrupting a type of protein structure, nicknamed a zinc finger, by searching for compounds that can disrupt the zinc fingers in a coronavirus protein that is critical for its replication."*



For more information on Associate professor Dana Ferraris at McDaniel College:

**McDaniel Chemistry Dept.**

<https://www.mcdaniel.edu/academics/departments/chemistry>

**Endowed Position Dr. D. Ferraris**

[Three professors selected for endowed appointments | McDaniel](#)

**CV - Dr. D. Ferraris**

<https://www.mcdaniel.edu/director/y/dana-ferraris>

## IN THE LOCAL NEWS...



### McDaniel College students continue research to develop COVID-19 drug

*By William Smith*

McDaniel College students are continuing their research to develop a COVID-19 drug. The students, including Dana Ferraris, are working in a laboratory setting, focused on their tasks. The research is part of a larger effort to discover drugs to treat COVID-19.

The Baltimore Sun 7/23/21

[Article provided by Jan Kolakowski jek6042@gmail.com](#)

## Join us in congratulating Dr. D. Ferraris

Dana Ferraris, PhD, MBA  
Associate Professor of Chemistry  
John Desmond Kopp Endowed Chair,  
Chemistry Department Chair  
McDaniel College  
2 College Hill

## Contact Dana's Nominator:

Shawn Hampt  
[smhampt@carrollk12.org](mailto:smhampt@carrollk12.org)

## Contact Braude Award Chair

Louise Hellwig  
[Louise.Hellwig@morgan.edu](mailto:Louise.Hellwig@morgan.edu)  
Braude Award Chair, Maryland Section ACS  
Chemistry Department, SP 212  
Morgan State University  
1700 E. Cold Spring Lane  
Baltimore, MD 21251

## Three professors selected for endowed appointments for five years

McDaniel College has appointed Dana Ferraris the John Desmond Kopp Professorship in the sciences

Established in 2006 with a \$1.25 million bequest from John Desmond Kopp (died 1992) who worked as an analytical and metallurgical chemist at Scovill Inc. Waterbury CT.

443 885 2085

*"You want to help people - that's why you go into drug discovery. So it's exciting to know that there's another weapon out there to help people with these cancers."*

Chemistry Professor Dana Ferraris,  
[McDaniel College](#)

## COVID-19 Drugs Dana Ferraris and Students



McDaniel chemistry students join in a worldwide research effort to discover drugs to treat COVID-19



BRINGING CLASS TO LIFE

## Hands-On Science Labs

Distinguish Yourself

The research labs in our science programs provide you an opportunity to use cutting-edge equipment



## HISTORY CORNER...

# 2021 ACS Maryland Local Section

### ACS History

Was founded by Thirty-five chemists at the College of Pharmacy of the City of New York on April 6, 1876. The ACS was committed to sharing its professional work with a public audience. ACS began publishing its flagship journal, the Journal of the American Chemical Society (JACS), in April, 1879. Abstracts, which had appeared in JACS since 1897, were given their own publication, Chemical Abstracts in January 1907. By 1930, ACS had 18,206 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. ACS celebrated its centennial year in 1976, at two national meetings with over 10,000 attendees at each. [Historical landmarks.](#)

### The ACS Maryland Local Section

The local Section began on October 17, 2014. We have approximately 2000 members. Please contact [acsmaryland.org](http://acsmaryland.org) to learn about our programs and awards. The Maryland map shows the Local section's blue area that corresponds to nine counties surrounding Baltimore. These are the counties that belong to the ACS Maryland Local section.

The colors of the [ACS logo](#), gold and cobalt blue, symbolize fire and water, key components of chemistry. The first official logo was designed by Tiffany & Co. and accepted by the ACS in 1908. The moderate changes in 1987 when the Phoenix was flipped, and graphics simplified remain until today. The phrase "Chemistry for Life" was adopted in 2008. The Phoenix is typical of chemistry activity and emphasizes the birth of a new substance through energy. These blue and gold colors are the same colors that the local section uses proudly especially this year 2021 (the year of hope ) because we had two active volunteers of the ACS Maryland local section as nominees for prestigious awards. They are Professor **Dana Ferraris**, recipient of the **Braude Award**, and Professor **Takashi Tsukamoto** recipient of the **Maryland Chemist of the Year Award**.

**We are creating history!** For the first time two active volunteers of the society are winners. They spend countless hours in research and in sharing their time and knowledge with students. The community appreciate their expertise and experience and now they are being recognized for their wonderful efforts.

### PREPARING FOR PROJECT SEED 2022

As coordinator complete the Following [form](#) or as participant contact [ACS](#).

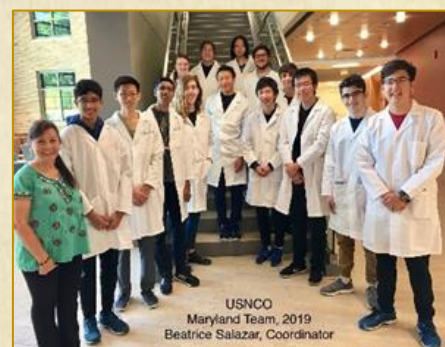


### Programs sponsored by ACS In Maryland

#### Project SEED since 1993

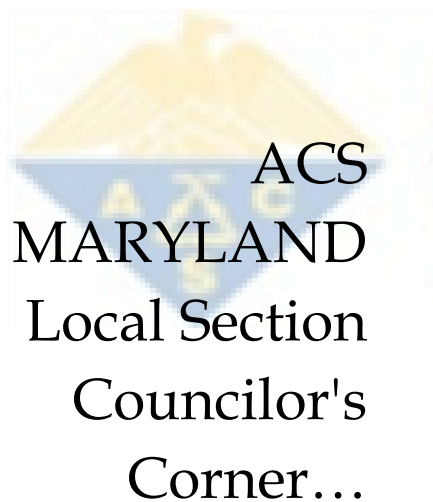
(Summer Experiences for the Economically Disadvantaged) is a paid summer internship program for high school students. For 8 to 10 weeks during the summer, SEED students work in real laboratories, with real scientists serving as their mentors. Students learn about careers in chemistry and receive mentoring in college preparation and professional development

[projectseed@acs.org](mailto:projectseed@acs.org)  
[Maryland Locations](#)



**USNCO** This event began on June 21, 1968, in Prague. Today, we have around 172 teams of 4 students each, around the world.

# Councilor's Report Fall 2021



**Beatrice Salazar, Councilor**

PLANS: To bring the best communication between ACS and Maryland members in order to improve their professional career.



**Jan Kolakowski, Councilor**

PLANS: To continue to support the development and employment of chemical professionals as I represent our Section at ACS meetings.



**Stephanie Watson - Councilor**

PLANS: to maintain contact with ACS National and represent our Section's concerns and needs to ACS National staff and committees.



**Kelly Elkins, Councilor**

PLANS: To continue to support the Maryland Section at ACS meetings



Virtual Councilor Meeting Attendants from ACS Maryland Local Section

**Kelly Elkins, Jan Kolakowski, Pumtiwitt McCarthy, Beatrice Salazar, Stephanie Watson**

Report provided by Stephanie Watson, PhD page 12.

<http://acsmaryland.org>

The following report contains comments on points that relate to the Maryland Local Section of the ACS discussed during the Virtual Fall ACS National Councilor's Meeting on August 25, 2021, Hybrid National Meeting in Atlanta ,GA  
 by Beatrice Salazar

**Location:** Virtual Meeting

**Duration:** 4 hours

**Attendees:** 515



**Moderator:** ACS president, Dr. Cheng

**Platform:** Zoom and LUMI

**Comments and**

- Meeting highlights:**
- \_ A moment of silence to honor the knowledge and contributions of ACS councilors and ACS members that are no longer with us.
  - \_ Approval of previous minutes: Spring ACS National Meeting, March 24, 2021
  - \_ Special reports from (ConC), Committee on Nominations and Elections
  - \_ **Reports: of ACS President, President Elect, Chair Board of Directors** (focused on attracting and obtaining volunteers and the new editor in chief of C& EN), **Chief Executive**

**Office** (focused on DEIR training courses and Memberships: \$160 standard fee and \$80 basic fee), **Council Policy** (included future council representations using 3 models for approaching and adding councilors, **ConC** (strategies that include mission and vision of the committee, inclusion, **DEIR (Diversity, Equity, Inclusion and Respect) course & registration at <https://learning.acs.org>** .

**Voting Report:** approval of amendments of Standing Rule VIII on duties of the committee on Minority Affairs, submitted to vote with 84% approval -321- "yes" votes. Approval to continue the environmental committee (96.7% or 360 "yes" votes). Approval of Committee Chairs Recognition for 15 and 20 years of service (100% "yes" votes).

**Report on Membership Affairs, due to the decrease in industrial membership, it was requested that all Local Sections help out by submitting ideas on how to increase these memberships).** **Report on Public Relations and communications** (requested to revive the staff using DEIR. **Report on Community Activities** (a new symposium was announced on climate change and a 3-part Frontier), Reports of **Committee of Senior Chemists**, Committee of **Women Chemists** (focused on the triumph of women), and the last report of **Committee on Younger Chemists** (focused on volunteer's participation).

These reports give ACS members an idea of the opportunities available to participate and become active volunteers at ACS.

Become a volunteer at ACS Maryland Local Section and advocate for the changes and ideas you want for the society.

## " Supporting K-12 Student Learning "

### A Maryland Local Section 2021 Initiative

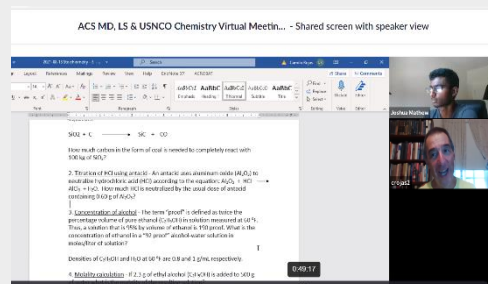
Dr. Camilo J. Rojas, Ph.D.

Is volunteering his time, knowledge, and expertise to this new Initiative. He is a Johns Hopkins University professor, Neurology, Department of Molecular and Comparative Pathology and Former Director of Assay Development at the Johns Hopkins Drug Discovery Program

A series of virtual tutorial meetings on chemistry are held weekly for high school students interested in increase their learning and understanding of chemical concepts. This task created during the second Executive committee meeting is one of the accomplishments of this year, after the pandemic of 2020. This initiative was created as per suggestions from the Spring Councilor's meeting of March 2021.

SAMPLE: ACS Maryland/USNCO Chemistry Virtual Meeting: "Topic: "Stoichiometry"

Meeting Recording (sample): PW **??21LYCh**



# FALL 2021 COUNCILOR'S REPORT

by Stephanie Watson, PhD

## MD ACS Councilor's Report Council Meeting at ACS Fall 2021 Hybrid Meeting, Atlanta, GA August 22-26, 2021

The ACS Council meeting was held virtually on August 25, 2021 beginning at 11:00 am. The ACS Board of Directors met on August 20 and 28, 2021. All meeting actions from both organizations are summarized here.

### Actions of the Council

#### *Elections*

Actions of the Council included elections for the Council Policy Committee (CPC), Committee on Committees (ConC), and Committee on Nominations and Elections (N&E). By electronic ballot, Council elected Donna G. Friedman, Matthew Grandbois, Fran K. Kravitz, and Louise M. Lawter for a three-year term (2022-2024) on CPC; Mary K. Engelman, Malika Jeffries-El, Brian M. Mathes, Susan V. Olesik, and Susan M. Schelble for a three-year term (2022-2024) on ConC; and Allison Aldridge, Holly L. Davis, Peter K. Dorhout, Silvia Ronco, and Martin D. Rudd for a three-year term (2022-2024) on N&E after the initial round produced a tie vote for fifth place and was resolved by a run-off.

#### *Other Key Actions*

On the recommendation of ConC, and with the concurrence of CPC, Council approved the Petition to Amend the Duties of the Committee on Minority Affairs. The Petition was amended on the floor of Council to strike the word 'minority' in Standing Rule VIII, Sec. 1, b, (9). The Board added its approval in its meeting on August 28.

The Council (and then the Board) also approved the continuation of the Committee on Environmental Improvement.

On the recommendation of the Committee on Economic and Professional Affairs, and with the concurrence of the CPC, Council (and then the Board) approved the 10<sup>th</sup> version of the Professional Employment Guidelines.

The Council passed several resolutions:

- In memory of deceased ACS members including Past Presidents, Helen M. Free and Daryle H. Busch and Councilors, Dr. Esther A.H. Hopkins, Ms. Jane V. Thomas, Dr. Joseph M. Antonucci, and Dr. Mark D. Frishberg.
- Expression of thanks to the officers and members of the Georgia Local Section; and
- Acknowledgment of H.N. Cheng's service as ACS President and presiding officer of Council.

#### *Council Special Discussion*

ACS President Cheng introduced and led a special discussion on ideas to increase involvement and membership from business and industry. For the last 5 years there has been a steady decrease in industry members and has been attributed to a variety of factors. ACS President Cheng introduced and led a special

## Cont. FALL 2021 COUNCILOR'S REPORT

discussion on ideas to increase involvement and membership from business and industry. For the last 5 years there has been a steady decrease in industry members and has been a steady decrease in industry members and has been attributed to a variety of factors. Ongoing efforts to decrease the cost-related attrition while increasing member value continues. To address value, ACS has a variety of offerings available to members to advance, discover, connect, and share. To address cost, actions were taken by the Council this past spring in the schedule of membership for 2022 that will provide industry members with flexibility as to membership options.

Councilor input was then requested on the following two questions:

1. How can we improve the value that ACS provides to its industrial and business members?
2. How can we encourage academic inventors and entrepreneurs and support start-ups?

### *Committee Reports*

All Committees gave brief reports and the following are the highlights.

Budget and Finance reviewed the Society's 2021 financial performance. Through June 30, the Society yielded a Net Surplus from Operations of \$55.0 million, which is \$33.6 million favorable to budget and almost \$6 million greater than the same period in 2020. These mid-year results are based on total revenues of \$324.4 million that are 4.3% favorable to budget, and total expenses of \$269.4 million, or 7% below budget, with unrestricted net assets estimated at \$645 million.

ConC will again conduct a Committee Census (formerly called the Committee Demographic Survey) of all Society Committee personnel, including the members of committees elected by Council, in February 2022. This census gives ConC a snapshot of where the committee demographic picture stands as they look toward future recruitment and retention. To assist ACS in advancing its core value of Diversity, Equity, Inclusion and Respect (DEIR), ConC would like to encourage all committee members and ACS leaders to take the two-hour course entitled "Leading Inclusively: Beyond Lip Service," developed by La'Wana Harris, a Certified Diversity Executive, International Coaching Federation (ICF) Credentialed Coach, and global leadership development professional. To Register, please go to <https://learning.acs.org/course/view.php?id=996> to register.

The Committee on Nominations and Elections solicits Councilors' input regarding qualified individuals for President-Elect and/or Directors for future consideration. Suggestions may be sent to [nomelect@acs.org](mailto:nomelect@acs.org).

The Fall 2021 Meeting was held live from August 22-26, and on-demand from August 30 to September 30. As of August 25th, there were 8,205 registrations (1,895 hybrid and 6,310 virtual). Of the approximately 1,200 oral sessions held, 71 were only in-person, 244 were hybrid, and 855 were held virtually.

### **Actions of the ACS Board of Directors**

The ACS Board of Directors met virtually in Executive Session on August 20 and 28, 2021 and considered a number of key strategic issues and responded with several actions. The Board opened its session with a reflection on DEIR.

### *Board Committees*

The Board received and discussed reports from its committees on Budget and Finance, Executive Compensation, Institute, the Governing Board for the American Association of Chemistry Teachers, and the Society committees on Professional and Member Relations, Public Affairs and Public Relations, the Advisory Board for the Green Chemistry

## Cont. FALL 2021 COUNCILOR'S REPORT

Education and Publications. The committees requested and obtained Board action on one or more items, as follows:

- On recommendation of the Society Committee on Publications, the Board voted to approve the reappointments of Editors-in-Chief for several ACS journals.
- On recommendation of the Committee on Professional and Member Relations, the Board approved a Society nominee for the 2022 National Science Board Public Service Award.
- On the recommendation of the Committee on Budget and Finance, the Board approved the ACS 2022 Spring and Fall Meetings in-person/hybrid member registration fee at \$399 and the virtual member registration fee at \$199, both within a range of +/- 15%.
- On the recommendation of the Governing Board for the American Association of Chemistry Teachers (AACT), the Board approved amendments to the Board Regulations concerning the membership, appointment, and terms for the Governing Board for AACT.
- The Board received an extensive briefing and approved several recommendations from its Committee on Executive Compensation. The compensation of the Society's executive staff continues to be reviewed regularly by the Board.

### **The Chief Executive Officer's Report**

The Board received an extensive report from the Chief Executive Officer on current issues relating to the Core Value of DEIR; COVID and the return to ACS Offices; Membership; Financials; and on upcoming events and activities. The Vice President for Philanthropy provided a presentation, "Impact of COVID on Fundraising" during the report. The presidents of CAS and ACS Publications engaged in discussions with the Board on the activities, opportunities, and challenges of their respective divisions.

### **Other Society Business**

The Board heard reports from the Presidential Succession on their current and planned activities for 2021 and 2022; received relevant updates on current legal issues from the ACS General Counsel; and had an initial debrief on the ACS Fall 2021 meeting, including a review of the format, technology, key events, and the presentations of science information at the meeting.

The Executive Vice President for Scientific Advancement provided an update on ACS efforts to address the United Nations Sustainable Development Goals.

Members of the Board Working Group on Board Structure and Representation sought input from their Board colleagues on possible models for international representation on the Board.

### **Confirmation of Council Actions**

As required in the Standing Rules, the Board voted and confirmed the Council's actions taken on August 25, 2021 to approve the Petition to Amend the Duties of the Committee on Minority Affairs; approved the continuation of the Committee on Environmental Improvement; and approved the ACS Professional Employment Guidelines (10<sup>th</sup> Edition).

Respectfully submitted,  
Stephanie Watson

## Councilor Talking Points and Summary of Governance Issues and Actions

### SUPPLEMENTAL INFORMATION FOR COUNCILORS

The following is a list of URLs and email addresses for supplemental information offered in oral reports at the Council meeting.

#### Officers

H.N. Cheng, President [h.cheng@acs.org](mailto:h.cheng@acs.org)  
Angela K. Wilson, President-Elect [a.wilson@acs.org](mailto:a.wilson@acs.org)  
Luis Echegoyen, Immediate Past President [l.echegoyen@acs.org](mailto:l.echegoyen@acs.org)

#### ACS Offices

Office of Secretary & General Counsel [secretary@acs.org](mailto:secretary@acs.org)  
Council Special Discussion ideas [engage@acs.org](mailto:engage@acs.org)

#### Committees

Budget and Finance [www.acs.org](http://www.acs.org) → About ACS → Financial Information  
Environmental Improvement [cei@acs.org](mailto:cei@acs.org)  
CEI mini-grants <https://tinyurl.com/CEI-mini-grants>  
Ethics <https://www.acsethics.org>  
Membership Affairs [mac@acs.org](mailto:mac@acs.org)  
Minority Affairs [www.chemdiversity.org](http://www.chemdiversity.org)  
Facebook (ACS.CMA)  
Twitter (@chemdiversity)  
Nominations and Elections [nomelect@acs.org](mailto:nomelect@acs.org)  
Patents and Related Matters [patents@acs.org](mailto:patents@acs.org)  
Professional Training [www.acs.org/acsapprovalprogram](http://www.acs.org/acsapprovalprogram)  
Project SEED [www.acs.org/projectseed](http://www.acs.org/projectseed)  
[www.donate.acs.org/seed](http://www.donate.acs.org/seed)  
Safety [www.acs.org/ccs](http://www.acs.org/ccs)  
[safety@acs.org](mailto:safety@acs.org)  
Younger Chemists [www.acsycc.org](http://www.acsycc.org)  
Facebook (YCC.ACS)  
Twitter (@ycc\_acs)  
Instagram (yccacs)

#### Resources on the Web

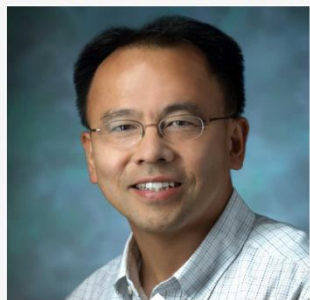
DEIR Training for ACS Volunteers <https://learning.acs.org/course/view.php?id=996>  
ACS Membership Packages [www.acs.org/newchoices](http://www.acs.org/newchoices)  
ACS Safety Videos search for 'ACS Chemical Safety YouTube Channel'  
ACS Center for Lab Safety <https://institute.acs.org/lab-safety.html>  
ACS Sustainability Policy Statements <https://tinyurl.com/CEI-sustain>  
Sustainability advocacy [www.acs.org/advocacy](http://www.acs.org/advocacy)  
Chemists With Disabilities video series <https://tinyurl.com/ACSCWDYoutube>  
National Chemistry Week [www.acs.org/ncw](http://www.acs.org/ncw)  
Science Outreach webinar <https://www.acs.org/content/acs/en/acs-webinars/popular-chemistry/maximize-science-outreach.html>  
ACS Membership packages [www.acs.org/newchoices](http://www.acs.org/newchoices)  
Anonymous feedback to MAC <https://tinyurl/MemAffairs>  
Elevator Speech Video Challenge [www.acs.org/cprc](http://www.acs.org/cprc)

• [www.yellowbook.acs.org](http://www.yellowbook.acs.org)

For more information: [secretary@acs.org](mailto:secretary@acs.org)



## Medicinal Chemistry



Takashi Tsukamoto

DIRECTOR, MEDICINAL  
CHEMISTRY; ASSOCIATE  
PROFESSOR, NEUROLOGY



ttsukamoto@jhmi.edu  
410-614-0982  
Rangos 231

# CONGRATULATIONS!

ACS Maryland Local Section  
has selected Professor  
Takashi Tsukamoto  
from Johns Hopkins University  
as 2021 ACS Maryland Chemist of  
the Year Award Recipient

**AS A LEADER IN THE CHEMISTRY FIELD DR. TSUKAMOTO IS: DIRECTOR OF  
MEDICINAL CHEMISTRY WITH 27 SCIENTISTS IN HIS GROUP**

**AS A SCIENTIST DR. TSUKAMOTO DOES RESEARCH ON:**

[Publications > 2021](#)

- 190 Tsukamoto T. et al. "Model studies towards prodrugs of the glutamine antagonist 6-diazo-5-oxo-L-norleucine containing a diazo precursor", *Bioorg Med Chem Letters*, 2021 [[Pubmed](#)]
- 186., Tsukamoto T. et al. "Nipping disease in the bud: nSMase2 inhibitors as therapeutics in extracellular vesicle-mediated diseases", *Drug Discov Today*, 26(7):1656-1668, 2021 [[Pubmed](#)]
179. Tsukamoto T. et al "Small molecule inhibitors targeting biosynthesis of ceramide, the central hub of the sphingolipid network", *J Med Chem*, 64(1):279-297, 2021 [[Pubmed](#)]
- Tsukamoto T. et al. - Activation of MrgC receptor inhibits N-type calcium channels in small-diameter primary sensory neurons in mice. *Pain*. 2014;155(8):1613-21. [[PubMed](#)]
- Tsukamoto T. et al. Design, synthesis, and pharmacological evaluation of bis-2-(5-phenylacetamido-1,2,4-thiadiazol-2-yl)ethyl sulfide 3 (BPTES) analogs as glutaminase inhibitors. *J Med Chem*. 2012;55(23):10551-63. [[PubMed](#)]

Just a few of the numerous papers published of his work

**AS A PROFESSOR DR. TSUKAMOTO TEACHES: DRUG DISCOVERY CASE STUDIES**



"Drug Discovery Case Studies" is part of "Introduction to Drug Discovery Research". It is designed to provide students with insights into the ever-changing landscape of drug discovery research by presenting case studies for various breakthrough drugs discovered since the 1940s. Each lecture selects a particular drug that has made a significant impact

on patients' lives and examines some key elements that have contributed to its successful discovery and development.

## 2021 ANNOUNCEMENTS AND REPORTS



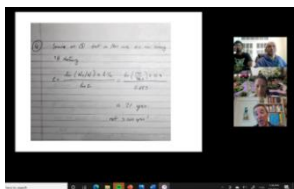
**The 2021 MD Chemist of the Year Award Winner has been selected.**  
Congratulations!

Dr. Angela Sherman, [ASherman@ndm.edu](mailto:ASherman@ndm.edu)

will give the details of the award in the next Issue of the CCNL. The nomination process has been revised so that members of the Executive Committee could also suggest nominees. For more information on the award visit <https://acsmaryland.org> or any Chesapeake Chemist December issue.

The Winner of the Maryland Chemist of the Year Award for 2021 is:

Associate Professor  
**TAKASHI TSUKAMOTO**  
John Hopkins University  
School of Medicine



**2021 Initiative  
SUPPORTING K-12  
STEM Students**

### Committee Members

Lee Lefkowitz - Eric Cotton is - Angela Sherman - Stephanie Watson - [Beatrice Salazar](mailto:Beatrice.Salazar) - Kelly Elkins - George Farrant. Virtual Tutor Dr. Camilo Rojas Ph.D.

**Councilors could serve as mentors** at all levels and engage all local sections/Plan engagement of young chemists with emphasis on K-12 chemists.

This committee was created during the second Executive Committee meeting of April 19, 2021. [See CCNL Vol 78 issue No. 3](#) pages, 9 and 17. **Report:** Active/successful.



Final reports from summer intern at Morgan State University [Project SEED](#)

Louise Hellwig <[Louise.Hellwig@morgan.edu](mailto:Louise.Hellwig@morgan.edu)>

**Srikar Bala worked with Dr. Jiangnan Peng at Morgan** this summer from June 21 through July 30. Actually, Srikar took some time in early August to complete his Paper and Presentation. Dr. Peng has no problem with these papers being published, say in the Chesapeake Chemist (CCNL).

The poster was presented at The Mid-Atlantic Plant Molecular Biology Society 38th Annual Meeting which was online. Srikar received two checks for \$1500 each from ACS Maryland Local Section for his internship.

See page 19 for acknowledgements

**CALL FOR NOMINATION: 2022 Braude Award**

**Deadline: June 1, 2022**

<https://acsmaryland.org/braude-award/>

*George Farrant*



**GOODBYE AND  
THANK YOU  
FOR ALL YOUR  
GOOD WORK!**

George has moved to another state. He is the chair of the **Student**

**Awards** Committee.

This position is now Open to any ACS Maryland Local Section member. If you are interested, please contact Dr. [Eric Cotton](mailto:Eric.Cotton), 2021 Chair. More at [ACSMaryland.org](http://ACSMaryland.org)

# ACKNOWLEDGMENTS

## MARYLAND

Local Section of the American Chemical Society

### Project SEED - Summer 2021

Srikar was very grateful for the [internship] experience. He wrote:

"Thank you so much for providing me with an amazing experience! I loved the experience of working in the lab at Morgan State and working alongside Dr. Peng and Dr. Cheng. I would love to come back and work with you if any future opportunities arise."

---

"I think this was a worthwhile expenditure of Section money. Thanks!"

Louise Hellwig  
Chemistry Department, SP 212

---

### 2021 Initiative

From ACS Maryland Local Section, Thank you Professor Rojas!

" Supporting K-12 Student Learning "

**A Maryland Local Section 2021 Initiative**

Johns Hopkins University Associate professor, Neurology and Department of Molecular and Comparative Pathology and Former Director of Assay Development at the Johns Hopkins [Drug Discovery Program](#)

[Dr. Camilo J. Rojas, PhD](#)

Thank you for volunteering your time and knowledge to this new Initiative (see page 12)

---

### Student Awards

From ACS Maryland local Section, Thank you Dr. George Farrant!

Your volunteer work at ACS Maryland was exemplary. As Chair of the Student Award Committee, you celebrated for many years the achievements of the future chemists in Maryland; you will be in their memory and their hearts. As member of the executive committee, your opinion, advice and experience were not only influential but assertive and useful. As volunteer in other activities and initiatives (e.g., MARM\_2019) your performance was inspiring. Thank you for all you did as volunteer for ACS Maryland Local section. [In 2019 you received the Volunteer Year Award](#); we were on target for your extraordinary work and commitment. Best of luck in your new residential state. We will miss you.

## CALL FOR CONTRIBUTIONS TO THE CHESAPEAKE CHEMIST NEWSLETTER, CCNL

<https://acsmaryland.org/>

Become a contributor, share your articles, ideas, and chemistry interest with your colleagues!

### CHEMISTRY LITERATURE SPOTLIGHT

Welcome to the section created for chemists to discuss chemistry

- First discussion - from Science, Cryo-EM structure of the 2019-nCoV spike in the prefusion confirmation. <https://science.sciencemag.org/content/sci/early/2020/02/19/science.abb2507.full.pdf> Discussed by Dr. C. Rojas "What id the science behind COVID-19?" see [Chesapeake Chemist March/April 2020](https://chemist.chesapeake.org/Vol77_IssueNo.2_p19) Vol.77 Issue No.2 p19
- Second discussion - from Chemical reviews. Introduction: Reactivity of Nitrogen from the Ground to the Atmosphere <https://pubs.acs.org/doi/pdf/10.1021/acs.chemrev.0c00361>

### BOOKS...



One of the first books that influenced my career was Arthur C. Guyton's **Textbook of Medical Physiology** (2nd Edition, W.B. Saunders Company, Philadelphia, PA). This book provided the foundational knowledge essential for a career in pharmacological research. It detailed the complex physiological mechanisms in organ-systems, noted their relevance for normal function as well as for disease, explained the underlying physics and mathematics and discussed contributions from classic experiments...



Why I chose  
ACS Maryland  
Local Section

An invitation to all new ACS Maryland members to submit your statement and a short biography.

### Chesapeake Chemist JOBS

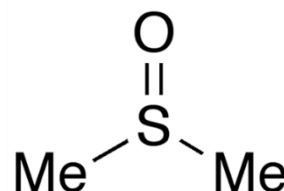
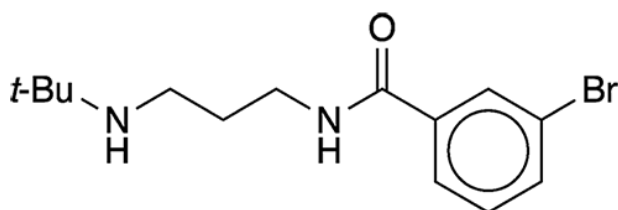
To advertise in the Chesapeake Chemist-JOBS section, please contact Beatrice Salazar via e-mail at [CCNLclassifieds@gmail.com](mailto:CCNLclassifieds@gmail.com) or leave a message at 443-801-0582.

← ADVERTISE HERE!

### JHDD Postdoctoral Position Announcement

[Job Contact](#)

**JOBS**



WHY AM I IMPORTANT? [Answer](#)

# REPORT

## Approved Minutes from second Executive Committee Meeting



Minutes of Executive Meeting of  
Maryland Section of the American Chemical Society  
Virtual Meeting on Zoom  
Chair Eric Cotton, presiding  
April 19, 2021

Present: Fasil Abebe, Nicole Carbonaro, Eric Cotton, Merle Eiss, Kelly Elkins, George Farrant, Louise Hellwig, Jan Kolakowski, Lee Lefkowitz, Pumtiwitt McCarthy, Sara Narayan, Rose Pesce-Rodriguez, Beatrice Salazar, Jim Saunders, Angela Sherman, Stephanie Watson, Therese Yu, Sarah Zimmerman

Eric called the meeting to order at 6:35 p.m.

The Agenda was approved.

The Minutes from the February 15, 2021 were approved.

Jan, Stephanie, and Eric, have been looking over the Section By-Laws. Eric brought up various points in the By-Laws for discussion. The attendees decided to leave the terms of the Treasurer, Secretary, and Members at Large as two years.

There was discussion of the Awards section, the idea of an annual financial audit, and the idea that 15 Section members can petition to have a particular issue put on the agenda. It was agreed that all these sections should remain as written. Eric will send the By-Laws to the national ACS for approval, then submit them to the Section membership for approval.

Lee gave the Treasurer's Report. The Section has \$48,000 in the bank. That includes our regular allotment from the National ACS, plus a one-year extra allotment from the National because they had a surplus in 2020 due to COVID, and they decided to share with the local chapters. Lee suggested keeping \$20,000 in the checking account and move the rest to a Money Market account.

Lee suggested that we make online payments using such apps as Paypal, Venmo, etc., rather than checks. Members retain the right to ask for their reimbursements by check. A motion was carried to accept online payments.

Rose proposed a Younger Chemist Award, to encourage and feature younger chemists. A motion was approved to revive a Younger Chemists Committee and establish a YC Award.

Jan reported that we have \$122,442.93 in our Nicholas fund. The Fidelity fund had a balance of \$100,038.04.

Merle reported on the 50, 60, 70 Year Members awards. There will be no face to face luncheon this year.

Sarah reported that Rob Clapper and Nicole Carbonara will help her with Constant Contact

Eric reported on a conversation he had with the national ACS concerning spending of Section money. The representative of the national advised us to not just save up our Section money but go ahead and spend it wisely for chemistry-related programs. It is OK to pay speaker fees. For example, George can offer an honorarium for the speaker at Student Awards meetings.

The issue of a Chemical Landmark for Ira Remsen was discussed. Johns Hopkins University supports this and so do we.

We need nominees for the Maryland Chemist Award. The question remains whether we should offer an honorarium for the winner.

Louise applied for stipends for two high school students to do summer research at Morgan State University. This is similar to the national Project SEED program, which is only virtual this summer. The students would each be supervised by a professor. Half of their stipend would be paid to them after three weeks, and the remainder would be paid at the end of the six weeks after they submit a report and a recorded presentation about their summer work. The decision was made to set aside \$6000 (\$3000 for each student) for these two students.

Jan described an oral presentation "Hot water hydrolysis and biodegradation of the chemical warfare agent bis-(2-chloroethyl) sulfide: A breakthrough technique" he made on April 12. It is available on-demand at the ACS meeting website through April 30th.

Jan and Beatrice reported on their work as councilors at the national ACS meeting.

Beatrice reported this is the second year that the Chemistry Olympiad (UNSCO) has been virtual. A course was created at ACS to have fast and more accurate contact with all participants. Forty-seven students registered for the competition in Maryland. Thirty-eight students took the Local exam. From this group 15 were nominated to the National Exam April 17th. We attribute the lower number (38) of students to their lack of experience with the new online system, the creation of an ACS account and the inability to comply with all requirements from ACS and the Maryland local section in a timely manner. The nominees to Part-I of the National exam competed with approximately 1300 students nationwide. The students who qualify in this second round will take the National Exam on April 24th.

The 15 nominees received a beaker coffee cup with all the chemical formulas present in coffee etched in the glass, an unforgettable souvenir. The Maryland Section proctored the exams for the Maryland participants using Zoom, a program donated by ACS. A press release with the 15 nominees' names will be sent to schools and an article about UNSCO experience will be written in the Chesapeake Chemist.

The meeting was adjourned at 8:30 p.m.

Respectfully submitted,  
Louise Hellwig, Secretary

Contact: Rose A. Pesce-Rodriguez  
CIV USARMY ARL (US) at  
[rose.a.pesce-rodriguez.civ@mail.mil](mailto:rose.a.pesce-rodriguez.civ@mail.mil)

# CHEMISTRY OUTREACH



## Chemistry in the Library: National Chemistry Week

### Fast or Slow...Chemistry Makes It Go!

Join a chemist from the Army Research Laboratory and the American Chemical Society and participate in hands-on experiments exploring the chemistry of reaction rates. Ages 7 & up (7-8 year old must be accompanied by an adult); 45 min. Registration required.

Library System	Branch	Day	Date	Time
Howard County	Central	Saturday	09 Oct	1:00 pm
Enoch Pratt	Govans	Saturday	16 Oct	1:00 pm
Howard County	Miller	Saturday	23 Oct	11:30am
Howard County	East Columbia	Saturday	30 Oct	1:00 pm
Enoch Pratt	Light Street	Saturday	06 Nov	11:00 am
Howard County	Glenwood	Saturday	20 Nov	10:30 am
Anne Arundel County	Maryland City	Saturday	04 Dec	11:00 am

Howard County Library System <http://polaris.hclibrary.org/polaris/>

Enoch Pratt Free Library <https://www.prattlibrary.org/>

Carroll County Public Library <https://library.carr.org/>

Anne Arundel County Public Library <https://www.aacpl.net/>

## USNCO Webinar- *Introduction to the USNCO for students*

Announcement: Virtual presentation

Thatcher, Malgorzata  
Program Specialist  
U.S. National Chemistry Olympiad  
American Chemical Society

Wed, Sep 22, 2021

Hello All, Thank you for volunteering to work on the USNCO webinars.

**What:** Your group will be working on preparing and presenting the first webinar in the series “Introduction to the USNCO for students”

**When:** scheduled for Friday, October 22, 2021 at 7PM ET.

- Dr. Christine Saber, USNCO Coordinator from Erie Local section and past USNCO college Mentor, who will be a lead in your group
- Dr. Mitk’El Santiago, USNCO Coordinator from Puerto Rico LS
- [Dr. Beatrice Salazar, USNCO Coordinator from Maryland LS](#)
- Mr. Mideum Park, USNCO Alumnus
- Miss Yitian Zhu, USNCO Alumna, 53<sup>rd</sup> IChO gold medalist



### Laugh a Little

As long it is organic...



- **What do you call an organic compound in which a hydroxyl is bound to a carbon atom of an alkyl?** See? Sometimes alcohol IS the answer!
- **Organic chemistry is difficult.** Those who study it have alkynes of trouble
- **What do you call it when an organic lifeform goes out with another organic lifeform?** Carbon dating.
- **How did the organic vegetable die?** Natural causes.
- **Why do people call organic chemistry the meanest science?** Because it’s always pushing electrons around.
- **My wife asked me to buy organic vegetables from the market, so I went and looked around and couldn’t find any. I grabbed an old, tired looking employee and asked, “These vegetables are for my wife. Have they been sprayed with any poisonous chemicals?”** The produce guy looked at me and said, “No. You’ll have to do that yourself.”



# EVENTS CONTACT

**The U.S. National Chemistry Olympiad  
USNCO MARYLAND**

URL: <http://www.beatricesalazarusncocoordinator.webs.com>

**Jan - April**

**Student Travel Awards**

<https://acsmaryland.org/travel-awards/>

Email: Louise Hellwig <[Louise.Hellwig@morgan.edu](mailto:Louise.Hellwig@morgan.edu)>

**Jan – March**

**Student Award** <https://acsmaryland.org/student-awards/>

Email: George Farrant, [gfarrant@yahoo.com](mailto:gfarrant@yahoo.com)

**April**

**Chemists Celebrate Earth Day**

**Senior Awards**

Email: Merle Eiss, [meiss32@aol.com](mailto:meiss32@aol.com)

Email: Linda Gonzalez <[linda\\_gonzalez@mccormick.com](mailto:linda_gonzalez@mccormick.com)>

**May**

**National Chemistry Week Events**

[Rose Pesce-Rodriguez](#)

<http://www.beatricesalazarusncocoordinator.webs.com>

**Beer Tours:** Louise Hellwig <[Louise.Hellwig@morgan.edu](mailto:Louise.Hellwig@morgan.edu)> & Michele Foss <[foss.michele@gmail.com](mailto:foss.michele@gmail.com)>

**May to Sept.**

**Braude Award**

<https://acsmaryland.org/braude-award/>

Email: Louise Hellwig <[Louise.Hellwig@morgan.edu](mailto:Louise.Hellwig@morgan.edu)>

**Oct.**

**The Remsen Award**

<https://acsmaryland.org/remsen-award/>

Email: Dana Ferraris ([dferraris@mcdaniel.edu](mailto:dferraris@mcdaniel.edu))  
<[dferraris@mcdaniel.edu](mailto:dferraris@mcdaniel.edu)>

**Nov.**

**The Maryland Chemist of the Year Award**

<https://acsmaryland.org/maryland-chemist-of-the-year/>

Email: Angela Sherman, [asherman@ndm.edu](mailto:asherman@ndm.edu) and

**Dec.**

## 2021 ADMINISTRATION OFFICERS

### 2021 SECTION OFFICERS

Chair 2021.....	Eric C. Cotton, Community College, of Baltimore County, <a href="mailto:cccotton2@ccbcmd.edu">cccotton2@ccbcmd.edu</a>
Vice-Chair 2021.....	Sarah Zimmerman, Web Master, Chair of Member Assistance Committee <a href="mailto:scatzim@gmail.com">scatzim@gmail.com</a>
Chair-Elect (Chair 2023)....	Kelly Elkins <a href="mailto:Kmelkins@towson.edu">Kmelkins@towson.edu</a>
Secretary 2021.....	Louise Hellwig, Morgan State University, <a href="mailto:louise.hellwig@morgan.edu">louise.hellwig@morgan.edu</a>
Treasurer 2021.....	Lee J. Lefkowitz, <a href="mailto:lee_lefkowitz@hotmail.com">lee_lefkowitz@hotmail.com</a>
Past Chair (2020).....	Pumtiwitt McCarthy, Morgan State University, <a href="mailto:pumtiwitt.mccarthy@morgan.edu">pumtiwitt.mccarthy@morgan.edu</a>

### 2021 SECTION COMMITTEE ON NOMINATIONS and ELECTIONS

Chair of the Committee on Nominations.....

Additional 4 members: .....	Dana Ferraris, Chair-2019, <a href="mailto:dferraris@mcdaniel.edu">dferraris@mcdaniel.edu</a>
.....	Pumtiwitt McCarthy, Chair-2020, <a href="mailto:pumtiwitt.mccarthy@morgan.edu">pumtiwitt.mccarthy@morgan.edu</a>
.....	Beatrice Salazar, Chair-2018, <a href="mailto:beatricesalazar1@gmail.com">beatricesalazar1@gmail.com</a>
.....	Sara Narayan, Stevenson University, Chair-2015, <a href="mailto:SNARAYAN@stevenson.edu">SNARAYAN@stevenson.edu</a>

### COUNCILORS/COMMITTEES

1. 2020-2022 Kelly Elkins [Kmelkins@towson.edu](mailto:Kmelkins@towson.edu)
2. 2021-2023 Beatrice Salazar [beatricesalazar1@gmail.com](mailto:beatricesalazar1@gmail.com)
3. 2021-2023 Jan Kolakowski [jek6042@gmail.com](mailto:jek6042@gmail.com)
4. 2021-2023 Stephanie Watson [stephanie.watson@nist.gov](mailto:stephanie.watson@nist.gov)

### ALTERNATE COUNCILORS/COMMITTEES

1. 2021-2023 Alexander Samokhvalov [alexandr.samokhvalov@morgan.edu](mailto:alexandr.samokhvalov@morgan.edu)
2. 2021-2023 Rob Clapper [rob.clapper@scioninstruments.com](mailto:rob.clapper@scioninstruments.com)
3. 2021-2023 Michele Foss [foss.michele@gmail.com](mailto:foss.michele@gmail.com)
4. 2020-2022 Paul Smith [pjsmith@umbc.edu](mailto:pjsmith@umbc.edu)

### MEMBERS-AT-LARGE

1. Angela Sherman, [asherman@ndm.edu](mailto:asherman@ndm.edu)
2. Fasil Abebe [fasil.abebe@morgan.edu](mailto:fasil.abebe@morgan.edu)
3. Therese Ku, [tkyaya@gmail.com](mailto:tkyaya@gmail.com)
4. Rose A. Pesce-Rodríguez, [rose.a.pesce-rodriguez.civ@mail.mil](mailto:rose.a.pesce-rodriguez.civ@mail.mil)
5. Sara Narayan, Stevenson University, [SNARAYAN@stevenson.edu](mailto:SNARAYAN@stevenson.edu)

**Maryland Section on the Website:** [www.acsmaryland.org](http://www.acsmaryland.org)

**Webmaster**..... Sarah Zimmerman, [scatzim@gmail.com](mailto:scatzim@gmail.com)

**Chesapeake Chemist Editor-in-Chief...** Beatrice Salazar, Chair-2018, [beatricesalazar1@gmail.com](mailto:beatricesalazar1@gmail.com)

**Social Media Liaison**..... Pumtiwitt McCarthy, Chair-2020, [pumtiwitt.mccarthy@morgan.edu](mailto:pumtiwitt.mccarthy@morgan.edu)

**CONTACT US:** [acsmarylandsection10@gmail.com](mailto:acsmarylandsection10@gmail.com)

### PROGRAM CHAIRS

#### AWARDS

**Braude Award**, L. Hellwig  
**Remsen Award**, D. Ferraris  
**Maryland Chemist of the Year Award**,  
A. Sherman  
**Senior Chemist Award**, M. Eiss/L. Gonzalez  
**Student Award**, G. Farrant  
**Women Chemists**, S. Narayan/K. Elkins

#### PROGRAMS

**Women Chemists Committee**, S. Narayan/K. Elkins  
**Student Travel**, Louise Hellwig  
**High School Outreach:** National Chemistry Olympiad & Chemist Celebrate Earth Day,  
B. Salazar  
**Middle and Elementary School Outreach**  
(National Chemistry Week, Earth Day Week),  
R. A. Pesce-rodrigues  
**Publicity**, S. Zimmerman/B. Salazar/J. Schmitt  
**Entertainment/Tours**, M. Foss/L. Hellwig



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## COMMENTS:

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*Thank you for your contributions!*

We sincerely appreciate your contributions and the time you spend writing articles, comments and news for our newsletter. Your Collaboration makes this newsletter an important part of the Maryland Local section activities.

### Useful Links:

- <https://www.editage.com/insights/a-young-researchers-guide-to-perspective-commentary-and-opinion-articles>
  - Senior Chemists presentations:  
[Dr. G. Lozos, Dr. R. Berninger and Dr. C. Milton](#)  
<https://acsmaryland.org/chemistry-video-links/>
-

# CHEMUNITYNEWS

**Subscribe to  
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if you are not receiving  
our newsletter

**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 Maryland ACS membership in October 2006.

## **Changing your e-mail address? Moving out of the MD ACS area?**

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