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*See pages 15 and 16*



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*See pages 3, 8, and 20*



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The monthly newsletter of the New York & North Jersey Local Sections of the American Chemical Society. Published jointly by the two sections and distributed to their 6,200 members.

**CONTENTS**

In memoriam: Dr. Patricia Redden	3
April Calendar	4
New York ACS Section Meetings	5
New York ACS 2025 Elections	5
Westchester Chemical Society	6
William H. Nichols Distinguished Symposium	8
Analytical Topical Group	11
Undergraduate Research Symposium	13
Hudson-Bergen Subsection	14
Chemists Celebrate Earth Week	15
North Jersey ACS Section Meetings	16
NJACS Call for Nominations	17
NJACS NMR Topical Group	18
NJACS Mass Spectrometry Discussion Group	19
NJACS Women Chemists Committee	
NJACS Drug Metabolism Discussion Group	21
MARM 2025	22
Younger Chemists Committee	23
Meeting Reports	24
From Our Partners	29
Opportunities	31
Job Board	32
Dr. Marie Maynard Daly Award	33

**EDITORIAL DEADLINES**

May 2025	April 16, 2025
June 2025	May 16, 2025
September 2025	August 16, 2025
October 2025	September 16, 2025

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***IN MEMORIAM: DR. PATRICIA ANN REDDEN***

Dr. Patricia A. Redden, a respected St. Peter's University Chemistry Professor, and a beloved member of the New York Local Section of the American Chemical Society (ACS), passed away on March 9, 2025, leaving behind a profound legacy in the field of chemistry and beyond.

Pat was a trailblazer whose impact on the world was both broad and deep. Pat was the first woman faculty member in the Department of Chemistry at St. Peter's University and lead gender-equity efforts as the Chair of the Faculty Senate. Pat served in leadership roles in the Hudson-Bergen Chemical Society, the New York ACS, the Middle Atlantic Region of the ACS and in the American Chemical Society as a Councilor for over 30 years. She was an advocate for chemical safety throughout her career and Chaired the Division of Chemical Health and Safety in 1989.

Dr. Redden's contributions earned her prestigious honors such as ACS Fellow (2011), the E. Ann Nalley Regional Award for Volunteer Service to the ACS (2021), the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences (2024), and the ACS Award for Volunteer Service to the ACS (2025).

Pat's personal life was equally as inspiring as her professional life. She raised two adopted daughters with physical challenges using her strength and love as a single mother. She earned certification as a track and field official at the national and Paralympic levels. Lastly, she will be forever remembered as a puppy-raiser for Canine Companions for Independence which provides service dogs to individuals with physical challenges free of charge.

In recognition of Dr. Redden's impactful contributions, the New York ACS will honor her memory with a donation to her beloved [Canine Companions for Independence](#). Her memorial mass at St. Aloysius Catholic Church, where she served as a eucharistic minister, on March 29<sup>th</sup> was well attended and included representatives of the North Jersey and New York ACS local section.

During this difficult time, our thoughts are with Dr. Redden's family and loved ones. May they find comfort and strength as they remember a remarkable individual who touched the hearts and minds of many within the ACS community.



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## April Calendar

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### NORTH JERSEY SECTION

**Thursday, April 3, 2025**

NMR Discussion Group  
See page 18

**Tuesday, April 8, 2025**

Mass Spectrometry Discussion Group See  
page 19

**Thursday, April 10, 2025**

Women Chemists Committee  
See page 20

**Wednesday, April 16, 2025**

North Jersey Executive Committee Meeting  
See page 16

**Wednesday, April 23, 2025**

Drug Metabolism Discussion Group  
See page 21

**Thursday, April 24, 2025**

Younger Chemists Committee  
See page 23

**Saturday, April 26, 2025**

Chemists Celebrate Earth Week  
See page 16

### NEW YORK SECTION

**Monday, April 7, 2025**

Analytical Topical Group  
See page 11

**Thursday, April 10, 2025**

Long Island Subsection  
See page 7

**Friday, April 11, 2025**

William H. Nichols Distinguished Symposium  
and Award Presentation  
See page 8

**Friday, April 18, 2025**

Hudson-Bergen Chemical Society  
See page 14

**Thursday, April 24, 2025**

Westchester Chemical Society  
See page 6

**Saturday, April 26, 2025**

Undergraduate Research Symposium  
See page 13

**Saturday, April 26, 2025**

Chemists Celebrate Earth Week  
See page 15




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## Ad Index

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Micron.....	5
Quantum Analytics Group.....	12
Robertson - Microlit.....	17

## NEW YORK SECTION MEETINGS

<http://www.newyorkacs.online>

### 2025 BOARD MEETING DATES

The New York ACS Board of Directors meetings dates for 2025, are, as follows:

**Friday, April 11, 2025** (in person)

William H. Nichols Distinguished  
Symposium and Medal Award Ceremony  
St. John's University

**Monday, June 9, 2025** (virtual)

**Monday, September 8, 2025** (virtual)

**Monday, November 3, 2025** (hybrid)

Prof. Eric Chang will Chair all meetings.

The meetings will start at precisely 6:30 PM.

### NEW YORK ACS 2025 ELECTIONS

The Board of Directors wishes to thank the following candidates for accepting the nominations for office in the New York ACS. We are grateful for their willingness to support the New York ACS and chemistry through donating their time, efforts, and sharing their expertise.

#### Chair-Elect for 2026

Dr. Ish Kumar (Fairleigh Dickinson University)

Mr. Joseph Ulichny (Columbia University)

#### Treasurer for 2026 – 2027

Dr. Brian R. Gibney (Brooklyn College)

#### Director-at-Large for 2026

Dr. Daniel Amarante (Mercy University)

Dr. Andrew Cook

(University of Mount Saint Vincent)

Dr. Ron D'Amelia (Hofstra University)

Dr. Patricia Gonzalez (Lehman College)

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Dr. Ping Furlan

(US Merchant Marine Academy)

Dr. Alison Hyslop (St. John's University)

Dr. Neil Jespersen (St. John's University)

Dr. Pamela Kerrigan

(University of Mount Saint Vincent)

Dr. Ruben Savizky (The Cooper Union)

Dr. Joseph Serafin (St. John's University)







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[Download the candidate bios here](#)

## **WESTCHESTER CHEMICAL SOCIETY DISTINGUISHED SCIENTIST AWARD & STUDENT AWARDS DINNER**

### **AIDSfreeAfrica: Advocating for Local Drug Production in Sub-Saharan Africa**

**Speaker:** **Dr. Rolande Hodel**  
President and Founder, AIDSfreeAFRICA

**Date:** **Thursday, April 24, 2025**

**Place:** Pace University  
Stephen Friedman Room  
Friedman Hall  
861 Bedford Road  
Pleasantville, NY 10570  
and Zoom  
Contact [Peter Corfield](#) for the Zoom link

**Time:** **5:15 PM** Registration and Social Hour  
**6:00 PM** Lecture  
**7:00 PM** Distinguished Scientist and Student Awards  
**7:15 PM** Dinner



[Download flyer here](#)

**Abstract:** This talk will dive into several aspects concerning drug production in Sub-Saharan Africa, what is there on the ground, where the gaps are and what can be done to convince companies like Gilead to license their drugs to African companies. Following stellar clinical trials, Gilead signed six licensing agreements to produce Lenacapavir in countries around the world – not one of them is located in Sub-Saharan Africa. The drug prevents HIV/AIDS and is injected subcutaneously twice a year. Treatment in the US cost 42,000USD/patient/year. In developing countries, the cost will be USD100. Estimates are that production in Africa for Africans could be as low as USD40.

It is Dr. Hodel's experience that the way developed countries define words, does not agree with language in Africa even if both are English. Case in point, drug production in Africa often means imported drugs are repackaged in Africa, making it appear as if the drug originated in that country. Information on existing pharmaceutical manufacturing in Africa lacks specificity and verification. AIDSfreeAFRICA has tirelessly advocated for the need to support local manufacturing. Developing countries do not want handouts. In Cameroon, people need and ask for capital and jobs. AIDSfreeAFRICA strongly believe non-profits have to rethink their models on how to deliver aid effectively and sustainable.

**Deadline for submitting articles and advertisements for the May 2025 issue is**  
**April 16, 2025**

## LONG ISLAND SUBSECTION

### History of Dyes Through the Centuries

**Speaker:** Dr. Paris Svoronos  
Professor Queenborough Community  
College (retired)

**Date:** Thursday, April 10, 2025

**Place:** St. John's University  
St. Albert Hall, Sciarra Room  
via [Zoom](#)

**Time:** 6:00 PM

[Registration required, click here to register](#)



**Abstract:** Ever since the early stages of human civilization the addition of color was involved in defining status and embellishment. The first dyes after charcoal, were isolated from natural sources, such as vegetables, fruit, shells and animals. The development of both inorganic and organic chemistry has exponentially increased the variation of both natural and artificial dyes. A survey of the history of dyes through the centuries starting from several millennia BC up to today will be presented in a date sequence and will be correlated to the various dynasties and cultures. A series of related books and sources will also be available.

**Biography:** Paris Svoronos earned his PhD in Organic Chemistry at Georgetown (1979) and has served as a full-time faculty at CUNY Queensborough Community College (CUNY-QCC) for over 40 years (1981-2021). He was the first Chemist to be selected as Professor of the Year by the CASE/Carnegie Foundation (2003) and the only community college faculty to be presented the James Flack Norris Award by the ACS-NE section (2021, *see page 29 in this issue*). He has served Long Island Subsection of the American Chemical Society (LI-ACS) as its Chair (2002), Secretary and current Director-at-Large. He was selected as the ACS-NY Section Chair (2015), Community College first Professor of the Year (2019) and alternate counselor. He is an ACS fellow (2018), as well as a recipient of the Stanley Israel Award for advancing diversity in the chemical sciences (2018), and the Ann Nalley Regional Award for volunteer service (2016). He has served MARM as co-General Chair (2008, QCC) and co-Program Chair (2016, Mount St. Vincent) as well as an ACS-General Chemistry Test Committee member (2018-2021).

[Download flyer here](#)

### 2026 WILLIAM H. NICHOLS MEDAL – CALL FOR NOMINATIONS

The New York ACS solicits nominations for the 2026 William H. Nichols Medal, the first award established by the American Chemical Society. Since 1903, the Nichols Medal has honored a chemical scientist for outstanding original research.

[Nominations for the 2026 Nichols Medal are due May 31, 2025](#)

**2025 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM & AWARD PRESENTATION****ADVANCING BIOLOGY THROUGH INNOVATIONS IN CHEMISTRY**

A distinguished symposium honoring

**Professor Benjamin F. Cravatt**

Scripps Research Institute

*for developing activity-based protein profiling and advancing covalent drug discovery*

**Date: Friday, April 11, 2025**

St. John's University

[Directions](#)

**Time: 1:00 PM – 7:30 PM**

[Register here](#)

*Supported in part by the William H. Nichols Fund For Chemistry at the Boston Foundation*

***Symposium Program***

- 1:00 PM**     **Welcome**  
*Professor Eric Chang, 2025 New York ACS Chair, Pace University*
- 1:05 PM**     **Opening of the Distinguished Symposium**  
*Mr. Joseph Wiener, 2025 New York ACS Chair-Elect, PepsiCo*
- 1:15 PM**     **Chemical tools for uncovering new redox biology at the host-microbe interface**  
*Professor Stavroula Hatzios, Yale University*

Microbial infections stimulate the production of molecular oxidants that can contribute to the development of life-threatening diseases including gastrointestinal cancers. However, it is largely unknown how these oxidants influence cell signaling at the host-microbe interface. Understanding how microbial and host cells respond to oxidative stress during infection could inspire new strategies for detecting and treating associated inflammatory pathologies. In this talk, I will present some of our recent work developing reactivity-guided proteomic and metabolomic approaches to uncover redox-regulated proteins and small molecules that influence cellular physiology at the host-microbe interface.



**2025 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM & AWARD PRESENTATION  
(continued)****2:00 PM Chemical Approaches to Studying Chromatin***Professor Tom Muir, Princeton University*

The field of epigenetics has exploded over the last two decades revealing an astonishing level of complexity in the way genetic information is stored and accessed in eukaryotes. This expansion of knowledge, very much ongoing, has been made possible by the availability of ever more sensitive and precise molecular tools, including those grounded in the field of chemistry. In this presentation, I will discuss the development of new chemical biology approaches designed to explore spatiotemporal aspects of epigenetic regulation. These methods are helping to expose the remarkable nuances (and vulnerabilities) of epigenetic control mechanisms, providing insights into how these processes become corrupted in disease settings.

*2:45 PM Coffee Break***3:15 PM Systematic Chemical Diversity to Enable Biological Discovery***Professor Damian Young, Baylor College of Medicine*

Small-molecule screening collections are typically assembled toward the goal of providing hits across a broad spectrum of unrelated biological targets. Systematic Chemical Diversity (SCD) is a guiding synthetic logic for generating a family of compounds based on methodical substitutions around a single Csp<sup>3</sup>-enriched heterocyclic scaffold. The Csp<sup>3</sup> atoms provide 3-dimensional vectors which can be systematically substituted based on regiochemistry, relative and absolute stereochemistry, and group identity to generate a set of complex products. The systematic variation of these structural features on a common scaffold efficiently enables hit discovery toward a wide range of targets and simultaneously provides deep structure-activity relationships. The lecture will illustrate the application of SCD to Fragment-Based Drug Discovery (FBDD), DNA-Encoded Libraries (DEL) and Activity-Based Protein Profiling (ABPP).

**4:00 PM Tales of Atypical Ligand Discovery by Activity-Based Protein Profiling***Professor Benjamin F. Cravatt, 2025 Nichols Medalist, The Scripps Research Institute*

The activity-based protein profiling (ABPP) technology enables global analysis of small molecule-protein interactions in native biological systems and has facilitated the discovery of a wide variety of chemical probes and drug candidates. In this lecture, I will describe our lab's efforts to apply ABPP for the discovery of covalent ligands targeting historically challenging protein classes. Case studies will be presented that underscore the diverse ways that covalent ligands can engage and alter the functions of proteins in human cells. Learnings from these efforts will also be shared and should highlight allostery as a rich source for new chemical probes, as well as the importance of screening small molecules in living systems to maximally illuminate the ligandability of the proteome.

*5:00 PM Reception*

## 2025 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM & AWARD BANQUET (continued)

### 6:30 PM Medal Award Ceremony

<b>Presiding:</b>	<b>Dr. Eric Chang</b> 2025 Chair, ACS New York Section
<b>ACS Greetings:</b>	<b>Dr. Dorothy Phillips</b> ACS President
<b>Introductory Address:</b>	<b>Dr. Stuart Schreiber</b> Arena Bioworks
<b>Medal Presentation:</b>	<b>Dr. Eric Chang</b>
<b>Acceptance Address:</b>	<b>Dr. Benjamin F. Cravatt</b> Nichols Medalist

Online registration using PAYPAL for payment is available at  
[www.newyorkacs.online/nichols\\_medal](http://www.newyorkacs.online/nichols_medal)

Or use the Tear Off reservation form at this line

RESERVATIONS DEADLINE – APRIL 1, 2025

**MAIL RESERVATIONS TO:** ACS, New York Section Office  
C/O Bernadette Taylor  
1313 3<sup>rd</sup> Ave, #2 South  
Spring Lake, NJ 07762

**More Information:**  
<http://www.NewYorkACS.online>  
Phone: 732-770-7324  
E-mail: [btaylor@newyorkacs.org](mailto:btaylor@newyorkacs.org)

		Number	Total
<b>Symposium &amp; Reception:</b>	\$60 (ACS Members)	_____	\$ _____
<b>Non-Member</b>	\$85	_____	\$ _____
<b>Student, unemployed, retired</b>	\$35	_____	\$ _____
<b>50-year ACS member</b>	\$0	_____	\$ _____

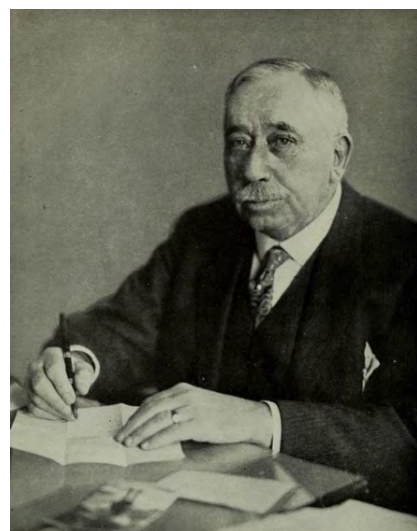
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## THE WILLIAM H. NICHOLS MEDAL AWARD

Dr. William H. Nichols, shown at right, established this annual award, the first of its kind, in 1902 to honor a chemical scientist for original research. Since its inception, the New York ACS has administered the award. It has been perpetuated through the generosity of Dr. Nichols, his family, and the Nichols Foundation, Inc. The Nichols Medal has been presented to 20 Nobel Laureates – including two double Nobel Laureates – and one Nobel Laureate twice, and 33 National Medal of Science recipients. Leo H. Baekeland won the Nichols Medal in 1910 and nine Nichols Medalists have also received the Leo H. Baekeland Award presented by the North Jersey ACS!

[Read more here](#)



Supported in part by the William H. Nichols Fund For Chemistry at the Boston Foundation

**ANALYTICAL TOPICAL GROUP**

# GUEST SPEAKER

SPONSORED BY THE NY ACS ANALYTICAL CHEMISTRY TOPICAL GROUP



## **Occurrence and Characterization of Perfluoroalkyl Substances in the Atmosphere and Surface Water around Wastewater Treatment Plants in NY & NJ**

**Jin Y. Shin, Ph.D.**

*Professor, Department of Chemistry and Environmental Science Medgar Evers College-The City University of New York & CUNY Graduate Center, Department of Earth and Environmental Science*

**Monday, April 7, 2025 | 12:30 p.m.****Cornelia Hall, Room 108**

Polyfluoroalkyl substances (PFASs) are human-made substances with growing concerns over their persistence, bioaccumulation, and potential adverse effects on animals and humans. Wastewater treatment plants (WWTPs) are a well-known significant source of PFASs in surface water and ambient air. This study aims to observe the effect of WWTPs on local ambient air PFASs concentrations and ultimately assess any correlation between surface water and ambient air PFASs concentrations depending on the distance from the WWTPs.



For more detailed information about the guest speaker, the topic, and this event, **scan the QR code** or go to: [www.iona.edu/CSI](http://www.iona.edu/CSI)



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- Headspace GC-MS
- Liquid Chromatography (HPLC, UPLC)
- LC-Mass Spectrometry (LC-MS)
- GPC, SEC
- Ion Chromatography (IC)

### **ATOMIC SPECTROSCOPY**

- ICP Optical Emission (ICP-OES)
- ICP Mass Spectrometry (ICP-MS)
- Atomic Absorption

### **MOLECULAR SPECTROSCOPY**

- FTIR
- UV/visible Spectrometry (UV/vis)
- Powder X-ray Diffraction (XRD)

### **ELEMENTAL ANALYSIS**

- CHN
- Protein as N2

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## UNDERGRADUATE RESEARCH SYMPOSIUM – CALL FOR ABSTRACTS



The Student Activities Committee of the New York ACS invites all undergraduates to present their research at the 72<sup>nd</sup> Annual [Undergraduate Research Symposium](#). This year's URS will be held at the University of Mount Saint Vincent on April 26, 2025 from 8:00AM – 2:00PM and will feature a keynote address by Dr. Junior Gonzalez of Memorial Sloan Kettering Cancer Center. Registration is FREE.

### Development of Nerve-targeted Bacteriochlorin Sensors

**Speaker:** Junior Gonzalez, Ph.D.  
 Memorial Sloan Kettering Cancer Center  
**Date:** Saturday, April 26, 2025  
**Place:** University of Mount Saint Vincent  
**Time:** 8:00 AM – 2:00 PM

**Registration:** [Student Presenters](#)  
[Faculty Mentors](#)  
[Exhibitors](#)  
[Guests](#)



**Abstract:** We use a transformative approach to producing bacteriochlorins (bacs) via formal cycloaddition by subjecting a porphyrin to a trimolecular reaction. Bacs are near-infrared probes with the intrinsic ability to serve in multimodal imaging. However, despite their ability to fluoresce and chelate metal ions, existing bacs have thus offered limited advanced to label biomolecules for target specificity or have lacked chemical purity, limiting their use in bio-imaging. In this work, bacs allowed a precise and controlled appending of clickable linkers, lending the porphyrinoids substantially more chemical stability, clickability, and solubility, rendering them more suitable for preclinical investigation. Our bac probes enable the targeted use of biomolecules in fluorescence imaging and Cerenkov luminescence for guide intraoperative imaging. Bacs' capacity for chelation provides opportunities for use in non-invasive Positron-Emission-Tomography / Computed-Tomography (PET/CT). Herein, we report the labeling of bacs with Hs1a, a (NaV1.7)-sodium-channel-binding peptide derived from the Chinese tarantula *Cyriopagopus schmidtii* to yields Bac-Hs1a and radiolabelled Hs1a, which shuttles our bac sensor(s) to mouse nerves. *In vivo*, the bac sensor allowed us to observe high signal-to-background ratios in nerves of animals injected with fluorescent Bac-Hs1a and radiolabeled Hs1a in all imaging modes. This study demonstrates that Bac-Hs1a and [<sup>64</sup>Cu]Cu-Bac-Hs1a accumulates in peripheral nerves, this study represents an exciting starting point for the modular manipulation of bacs, their development and use as probes for diagnosis, and their deployment as formidable multiplex nerve-imaging agents for use in routine imaging experiments.

***HUDSON-BERGEN SUBSECTION : CALL FOR ABSTRACTS*****26<sup>th</sup> Annual Student Research Symposium and Award Night**

**Speaker:** Dr. Sudeep Banjade  
SK Life Science Labs

**Date:** Friday, April 18, 2025

**Place:** Dickinson Hall, Room 4468  
Fairleigh Dickinson University

**Time:** 4:30 PM Student Presentations  
6:00 PM Dinner and Awards  
6:45 PM Plenary Lecture

Reservations required, [Email Dr. Mihaela Leonida](mailto:Dr.Mihaela.Leonida@fdu.edu) by April 1st

The Hudson-Bergen Chemical Society and the Department of Chemistry, Biochemistry and Physics of Fairleigh Dickinson University announce the 26<sup>th</sup> Annual Student Research Symposium and Award Night. This is a forum for students and their faculty mentors from colleges and universities that participate in the subsection's activities to present the results of their research. Outstanding graduating students, chemistry/biochemistry majors from the participating colleges, are also being recognized (they receive the Hudson-Bergen Chemical Society Award). All the presenters will receive certificates of participation. **Students who wish to make presentations (~10 min each) must send an abstract via e-mail to [mleonida@fdu.edu](mailto:mleonida@fdu.edu), by April 1, 2025.** The abstract should be in MS Word (font Times New Roman 12) and must include the names and addresses of the student(s) and their faculty adviser(s) in addition to the title of the abstract. The abstract should not exceed 200 words. The name of the student presenting the poster should be underlined. There is no registration fee.

This year's symposium also features the lecture:

**Targeted protein degradation concepts and approaches to discover small-molecule drugs**

Dr. Sudeep Banjade, SK Life Science Labs

In the last decade, targeted protein degradation (TPD) concepts have been widely used in the pharmaceutical and biotechnology sectors to discover drugs targeting various cancers, neurological and immunological diseases. TPD in particular has been utilized to discover molecules targeting those proteins that have been difficult to inhibit by traditional inhibitor-like drugs. This talk will provide a general overview of the concept behind TPD and the approaches taken to degrade specific proteins that are responsible for inducing various diseases. Specific efforts of SK Science Labs to screen for small molecule drugs that induce complex formation between two proteins - an E3 ligase and a protein of interest (POI) - will also be discussed. The E3 ligases are responsible for tagging the POI with a small protein called ubiquitin, which ultimately leads to the destruction of the POI in the cell. The speaker and his colleagues are interested in discovering those small molecule drugs that can bring the E3 together with the POI so that these disease-causing POIs can be destroyed by the normal machinery of the cell.

Bio: Dr. Banjade completed his undergraduate degree at Fairleigh Dickinson University, in Biochemistry, and then obtained a PhD in Molecular Biophysics at UT Southwestern Medical Center, in Dallas. After a cell-biology post-doctoral fellowship at Cornell University, he is currently a drug-discovery scientist at SK Life Science Labs, right outside of Philadelphia.

[Download flyer here](#)

**NEW YORK ACS CHEMISTS CELEBRATE EARTH WEEK**

ACS Local Section  
New York  
Chemists Celebrate Earth Week

## 12<sup>th</sup> Annual Chemists Celebrate Earth Week event "Glaciers: Hot Topic, Cool Chemistry!"

**Where:** [Jones Beach Energy & Nature Center](#)  
150 Bay Parkway,  
Wantagh, NY  
[www.jonesbeachenc.org](http://www.jonesbeachenc.org)



**Date:** **Saturday, April 26, 2025**  
[Register here for FREE](#)  
Register by April 17, 2025

**Time:** 11-3 PM

Join us at New York's famous Jones Beach as we celebrate Earth Week at the newly renovated [Energy and Nature Center!](#)

The day's event includes an introduction of Jones Beach by the Education Team, presentations related to this year's Earth Week theme, a tour of the beautiful Energy & Nature Center, a self-guided hike through the beach and preserve area, as well as snacks, lunch, a healthy "blender bar", and cool earth day gifts!

Space is limited and everyone must register (including children). Once registration has reached capacity it will be closed. There is a parking fee to enter Jones Beach.

*Hope to "sea" you there!*

[Click here to register.](#) Registration is FREE

For more information contact: Prof. JaimeLee Rizzo  
CCEW Coordinator  
[jrizzo@pace.edu](mailto:jrizzo@pace.edu)

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## NORTH JERSEY SECTION MEETINGS

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### **2025 NORTH JERSEY ACS EXECUTIVE COMMITTEE MEETINGS**

2025 North Jersey ACS Chair Robert Menger and the Executive Council welcome you to our monthly NJACS meetings. The meetings are normally held on the second **Wednesday from 6:30 pm to 8:30 pm**. All members are welcome to attend and become more involved in section activities. The dates for 2025 are, as follows:

**Wednesday, April 16, 2025** (hybrid)

**Wednesday, May 21, 2025** (hybrid)

**Wednesday, June 18, 2025** (hybrid)

**Wednesday, September 10, 2025** (hybrid)

**Wednesday, October 15, 2025** (hybrid)

**Wednesday, November 12, 2025** (virtual)

**2026 Planning Meeting in December, TBB**

For links to the virtual meetings and RSVP for in-person attendance at hybrid meetings, please see our [Section Calendar](#).

### **CHEMISTS CELEBRATE EARTH WEEK: SAVE THE DATE**



**SATURDAY APRIL 26, 2025**

At the **Thomas Edison National Labs** in *West Orange, New Jersey*

The **North Jersey ACS Section** along with the **Park's Rangers**

Investigate

This year's theme for CHEMISTS CELEBRATE EARTH WEEK

There will be give aways, activity booklets and hands on activities including Glacier building! This event starts at 11:00AM and runs until 3:30PM.

Specifics will follow!



## CALL FOR NOMINATIONS: NJACS CHAIR-ELECT AND COUNCILORS

Dear New Jersey Section Members,

We invite you to participate in the upcoming election for the Chair and Councilors of the New Jersey Section of the American Chemical Society (NJ ACS). This is an excellent opportunity to engage with your fellow chemists, contribute to the advancement of our community, and help shape the future of the NJ ACS.

### Position Descriptions:

- **Chair-elect** : The Chair-elect role is to learn the responsibilities of the Chair and prepare to take on the Chair role in the following year. As the Chair, you will be responsible for overseeing the activities of the NJ ACS, presiding over meetings, and representing the Section at the national level. This leadership role requires a commitment to fostering a vibrant chemical community and enhancing member engagement..
- **Councilors**: Councilors represent the NJ Section at the national ACS meetings and contribute to the governance of the Society. They serve as a bridge between the Council of the Society and the local section members.

**Eligibility:** All members of the NJ ACS are eligible to nominate themselves or colleagues for these positions. We encourage nominations from individuals with diverse experiences, backgrounds, and perspectives to enrich our Section's leadership.

**Nomination Process:** To submit a nomination, please provide the following information:

1. Name of the nominee
2. Position being nominated for (Chair or Councilor)
3. Brief statement of qualifications and vision for the role (up to 300 words)
4. Contact information for the nominee

Nominations can be submitted by email to [sikorska.justyna@gmail.com](mailto:sikorska.justyna@gmail.com) by June 30<sup>th</sup> 2025.

**Deadline for Nominations:** Please ensure that all nominations are submitted by **June 30<sup>th</sup> 2025**. Late submissions may not be considered.



Elemental CHN, S, X analysis

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**NORTH JERSEY ACS NMR TOPICAL GROUP****Metabolomics: Expanding metabolome sampling and the identification of unknown metabolites using integrated LC-SPE-NMR-MS technologies**

**Speaker:** Valérie Copié  
Professor of Biochemistry  
Montana State University - Bozeman

**Date:** Thursday April 3rd, 2025

**Time:** 12:00 pm ET via Microsoft Teams

**Abstract:**

Metabolomics refers to the sampling of diverse biological metabolomes via identification and quantitation of small molecules present in cells, organisms, or in the environment. Metabolomics has contributed to important discoveries including the identification of important biomarkers of health and disease, and mechanistic insights into cellular networks, for example. Metabolomics employs advanced analytical technologies, with mass spectrometry (MS) and NMR being the most common.

In our lab, we have employed NMR metabolomics, coupled with mass spectrometry, to investigate a broad range of cellular systems including probing the cellular networks associated with gut microbiome dysbiosis, metabolic dysfunction and neurodegeneration, commonly referred to as the gut-brain-liver axis of neurodegeneration. We have also applied metabolomics to monitor the health of wild animals and livestock, among other applications. However, a significant limitation of metabolomics is that no single analytical platform can detect, identify, and quantify all the metabolites present in a given metabolome. These unknown metabolites (i.e. metabolites that are not annotated in NMR and MS spectral databases) make up the "dark matter landscape" of metabolomics research and present a significant challenge. An experimental approach to augment our ability to expand metabolome coverage involves the integration of NMR and MS technologies.

In this presentation, I will discuss the benefits of employing integrated NMR/MS approaches, such as the use of liquid chromatography-solid phase extraction-coupled NMR/MS (LC-SPE-NMR-MS) technology to identify and quantify unknown metabolites. I will also discuss what remains challenging with this approach.

**Connection Information**

This will be a virtual meeting hosted via Microsoft Teams.

Further information can be found on the [NMR Topical Group website](#).

Please reach out to Rongfeng Zheng ([rongfeng.zheng@bms.com](mailto:rongfeng.zheng@bms.com)) or QingZhe Ni ([qingzhe.ni@merck.com](mailto:qingzhe.ni@merck.com)) with any questions.

**Presented by the NMR Topical Group – North Jersey ACS**

## ***NORTH JERSEY ACS MASS SPECTROMETRY DISCUSSION GROUP***

The [North Jersey ACS' Mass Spectrometry Discussion Group](#) is proud to announce its April in person meeting featuring a social hour, complimentary dinner, and two talks. Attendance is free, but please register. Special thanks to Bruker for their sponsorship of this event.

**Date:** Tuesday, April 8, 2025  
**Time:** 5:30 PM to 9:00 PM  
**Location:** Somerville Elks Lodge  
375 Union Avenue  
Bridgewater, NJ 08807  
**Registration:** [Click here to register](#)



### **Identification and Control of High-Risk Host Cell Proteins for Biopharmaceutical Process Development with Advanced LC-MS-Based Proteomic Approaches**

Dr. Xuanwen Shawn Li  
Merck & Co.

**Abstract:** Host cell proteins (HCPs) are bioprocess impurities originating from the host cells used in biopharmaceutical manufacturing. Identifying and controlling high-risk HCPs is essential for maintaining product quality and shelf life. Notably, HCPs with hydrolase activity can degrade formulation excipient polysorbates, reducing drug stability. In this presentation, we will discuss advanced LC-MS-based proteomic approaches, including high-throughput proteomics and activity-based protein profiling (ABPP), to identify high-risk HCPs for biopharmaceutical process development and to enable product quality control.



### **New Developments in Single Cell Proteomics and Immunopeptidomics in the timsTOF Ultra 2**

Dr. Matt Willetts  
Bruker Scientific, LLC

**Abstract:** Recent advancements in the timsTOF Ultra 2 system have significantly impacted the fields of single-cell proteomics and immunopeptidomics. We will present new workflows for single cell analysis that enable more than 1000 single cells to be analyzed per day and new acquisition and data processing methods for immunopeptidomics. We will also present our new AIP technology which promises further improvements in peptide and protein IDs.



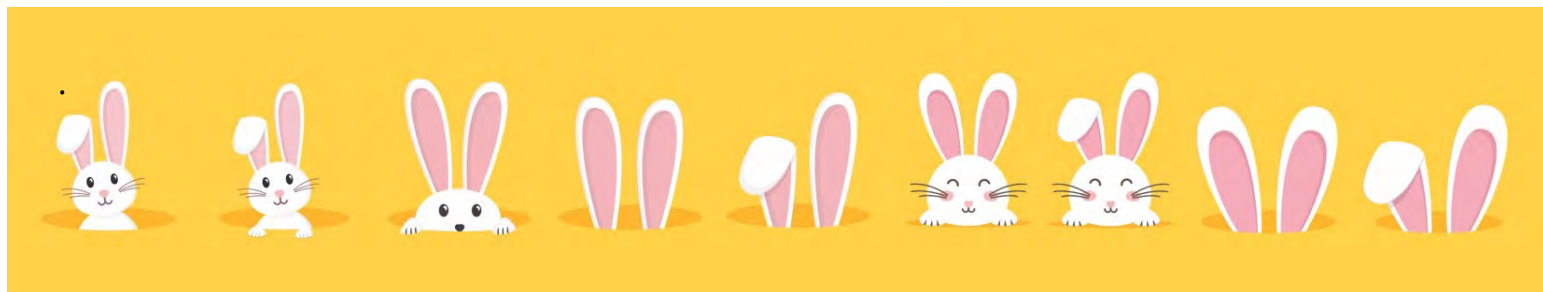
## ***NORTH JERSEY ACS WOMEN CHEMISTS COMMITTEE***

The Women Chemists Committee proud to present another webinar in its professional development series entitled:

Potential Unleashed: Drive Impact through Innovative Leadership

**Speaker:** [Laura Flessner](#)  
Leadership Coach for Diverse Professionals  
**Date:** **Thursday, April 10, 2025**  
**Time:** 12:00 PM to 1:00 PM  
**Location:** [Google Meet](#)

**About this webinar:** It's an unfortunate fact - women are not seen as great leaders, especially in technical fields like chemistry. We're seen as less competent, having less confidence, and being less assertive. The session will uncover how you don't have to wait for culture to change, to change how people see you. You can break free of biases, even if people don't even realize they have them. Dive into Innovative Leadership to unlock your next level... right now!



## ***DR. JOSEPH BADILLO HONORED AS ACS OUTREACH VOLUNTEER OF THE YEAR***



The North Jersey ACS proudly recognizes Prof. Joseph Badillo of Seton Hall University as the ACS Outreach Volunteer of the Year for 2025. Dr. Badillo has been instrumental to the success of NJACS's Project SEED program, mentoring students and organizing and running our poster sessions. He's also been a superlative chair of our Organic Chemistry Topical group for multiple years in a row, running robust programming open to all chemists. Thank you for your continued service!

## ***NORTH JERSEY ACS DRUG METABOLISM DISCUSSION GROUP***

The North Jersey ACS' Drug Metabolism Discussion Group is proud to host its Spring symposium and vendor exhibition entitled:

*Advancing Drug Discovery and Development: Novel Drug Characterization, Regulatory Filing Strategies, and The Role of Endogenous Biomarkers*

The day features 20-minute talks by experts in the field, followed by Q&A. Lunch, coffee break, and refreshments will be provided.

**Date:** **Wednesday, April 23, 2025**

**Time:** 8:00 AM to 4:00 PM

**Location:** The Palace at Somerset Park  
333 Davidson Avenue  
Somerset, NJ

Registration: [Click here to register](#)

### **Program**

**8:00 a.m.** Registration / Continental Breakfast / Vendor Exhibit

**9:00 a.m.** Introductory Remarks

Ariane Emami-Riedmaier, PhD, Otsuka & Chair, NJ DMDG

**9:15 a.m.** Introducing the Dynamic Well-Stirred Model for Predicting Hepatic Clearance  
Zhengyin Yan, PhD, Genentech

**9:50 a.m.** Addressing the Challenges of Determining Fraction Metabolized for Low Turnover Drugs – An Update from the Quantitative Fraction Metabolized Working Group of the IQ Consortium  
Ting Wang, PhD, Boehringer Ingelheim

**10:25 a.m.** Vendor Exhibit & Coffee Break

**11:00 a.m.** Applications of Endogenous Biomarkers to Assess Transporter-Mediated Drug-Drug Interactions  
Xiaoyan Chu, PhD, Merck

**11:30 a.m.** 1 $\beta$ -Hydroxydeoxycholic Acid as an Endogenous Biomarker in Human Plasma for Assessment of CYP3A Clinical Drug-Drug Interaction Potential  
Yongjun (Y-J) Xue, PhD, BMS

**12:00 p.m.** Vendor Exhibit & Lunch

**1:30 p.m.** The Quantification of Drug Accumulation within Gram-Negative Bacteria  
Amir George, MD PhD, Department of Pharmacology, Physiology and Neuroscience, Rutgers New Jersey Medical School

**2:00 p.m.** Vendor Exhibit & Coffee Break

**2:30 p.m.** The Evolving Role of Bioanalytical Scientists in Driving the Last Mile in Drug Development – An Exciting Journey with New Modalities such as ADCs  
Faye Vazvaei-Smith, PhD, Merck

**3:00 p.m.** Lessons Learned from Regulatory Submissions Involving Endogenous Therapeutic Analyte: Do You See What I See?  
Chongwoo Yu, PhD, Silver Spring, Maryland

**3:45 p.m.** Program close

### **Registration Fee:**

Online registration before the event is **\$150**

Registration at the door is **\$200** (checks only)

Students and postdocs are **\$10** and **\$50** for faculty

Unemployed individuals can attend **free of cost**.

**MIDDLE ATLANTIC REGIONAL MEETING 2025**

The North Jersey ACS, one of the largest local sections in the American Chemical Society, will celebrate its 100<sup>th</sup> Anniversary in 2025. As part of this celebration, the North Jersey ACS is hosting the Mid-Atlantic Regional Meeting (MARM) of the American Chemical Society (ACS) on **May 28-31, 2025**, at Seton Hall University in South Orange, New Jersey. This meeting will have hundreds of technical presentations and will feature plenary lectures from the speakers shown below:



Prof. Morton Meldal  
University of Copenhagen



Dr. Phaedria St. Hilaire  
ProWoC



Dr. Rebecca Ruck  
Merck & Co.

MARM2025 will also feature workshops on chemical safety in the undergraduate laboratory, green chemistry, the power of mentoring, and interviewing for jobs. Aside from the workshops, MARM2025 will host a luncheon with industry professionals to discuss strategies to prepare for a career as an industrial chemist, an ice cream social, a STEM related movie and popcorn event, an undergraduate poster session, and the regional Chemagination competition.

[Register now for MARM2025](#). Early Bird registration rates expire May 2, 2025.

	Early Bird Rate	Full Rate
Full ACS Members	\$185	\$200
Post-docs	\$90	\$100
Graduate Student	\$65	\$70
Undergraduate Student	\$50	\$60
AACT Member	\$50	\$50
High School Teacher	\$65	\$65

**NORTH JERSEY ACS YOUNGER CHEMISTS COMMITTEE****SPRING 2025  
SEMINAR SERIES****Dr. Mufeda  
Zhort***Senior Scientist, Small  
Molecule Analytical R&D***ALL THOSE  
INTERESTED  
ARE WELCOME  
TO ATTEND****“How to Translate Your Academic  
Studies into an Industry Career”****Thursday, April 24, 2025 @ 4:00 - 5:00PM****[https://american-chemical-society.zoom.com/  
j/86485998602](https://american-chemical-society.zoom.com/j/86485998602)**

**Biographical Sketch:** Mufeda Zhort holds a bachelor's in Chemistry with a concentration in Pharmaceutical Science from Fairleigh Dickinson University, NJ. She further pursued her master's and Ph.D. in Chemistry from Seton Hall University, NJ, where she specialized in the synthesis, structure elucidation and alkane oxygenation reactivity of three bioinspired fluoroalkyl iron phthalocyanines.

She joined PDI in May 2020 where she worked in a cGMP lab as an analyst, method validation and transfer, and as a data reviewer. She then joined Parexel (formally Execupharm) contracted at Merck in the Discovery Analytical R&D group collaborating with the high throughput experimentation and high throughput purification groups for method development of small and large molecules and was promoted to Principal Scientist I after her tenure.

In the beginning of 2025, Mufeda started her new role as a Senior Scientist at Merck in the Small Molecule Analytical R&D group at West Point, PA. She is part of the GLP Analytical team developing innovative analytical methodologies for early stage development.

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## MEETING REPORTS

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### *THE CHEMISTRY OF LOVE*



The New York Section held its fourth annual “Chemistry of Love” event on Saturday, March 8, 2025 at Pace University in Manhattan. The goal of the event was to bring more awareness of Chemistry to the community in a positive, cheerful, and happy way. What better way than to host an event filled with LOVE! The event was free and open to the community and it was indeed nice to have those from the NY ACS Section attend (who were from out of state visiting), parents of students, friends of students, children of faculty, and colleagues all in attendance! The audience was certainly diverse.



Registered participants met at the newly renovated Student Center at Pace University where it was decorated with hearts in the colors of red, pink, and white. The tables were covered with white covering and pretty centerpieces of Erlenmeyer flasks filled with fresh roses, crystal hearts, and fun hand-held emojis were scattered on the tables. Everyone mingled at the morning Blender Bar where a heart-healthy and freshly prepared dinks were whipped up in the Vitamix including Strawberry, pineapple, blueberry, coconut, lemon, lime, cinnamon, veggie protein powder. There were add ins in glass jars for the smoothies where everyone could personalize their drink (chia seeds, flax, matcha powder, beet powder, turmeric, etc). We fueled up on the health while listening to a fun “happy love song”

playlist. Dr. Rizzo welcomed the guests then introduced the Chair of the NY Section of the ACS, Dr. Eric Chang. Dr. Chang gave his greetings on behalf of the NY Section and noted upcoming events in the Section to all. He encouraged students and faculty to take part in the Section’s activities and wished everyone a fun day at the event. Dr. Rizzo then introduced the Dean of Dyson College of Arts and Sciences, Dr. Tresmaine Grimes, via a pre-recorded speech. Dr. Rizzo then read some of the responses from the participants’ questionnaire to the “What is Love?”



## ***THE CHEMISTRY OF LOVE (continued)***

The Chem Club of Pace University then gave a talk, “The Three Stages of Love,” which was received well by the audience. They discussed the 3 different stages of love and the main hormones generated at each stage. The chemistry of the compounds and the human emotions were outlined.



The keynote speaker was Dr. Eric Chang, Department of Chemistry, Pace University, who gave a presentation entitled, “Biochemistry of Love”. It was an educational and interactive presentation with the audience participating in live questions and an online quiz (<https://theanatomyoflove.com/>). People at each table were introducing themselves to each other and discussing their thoughts of what love is.

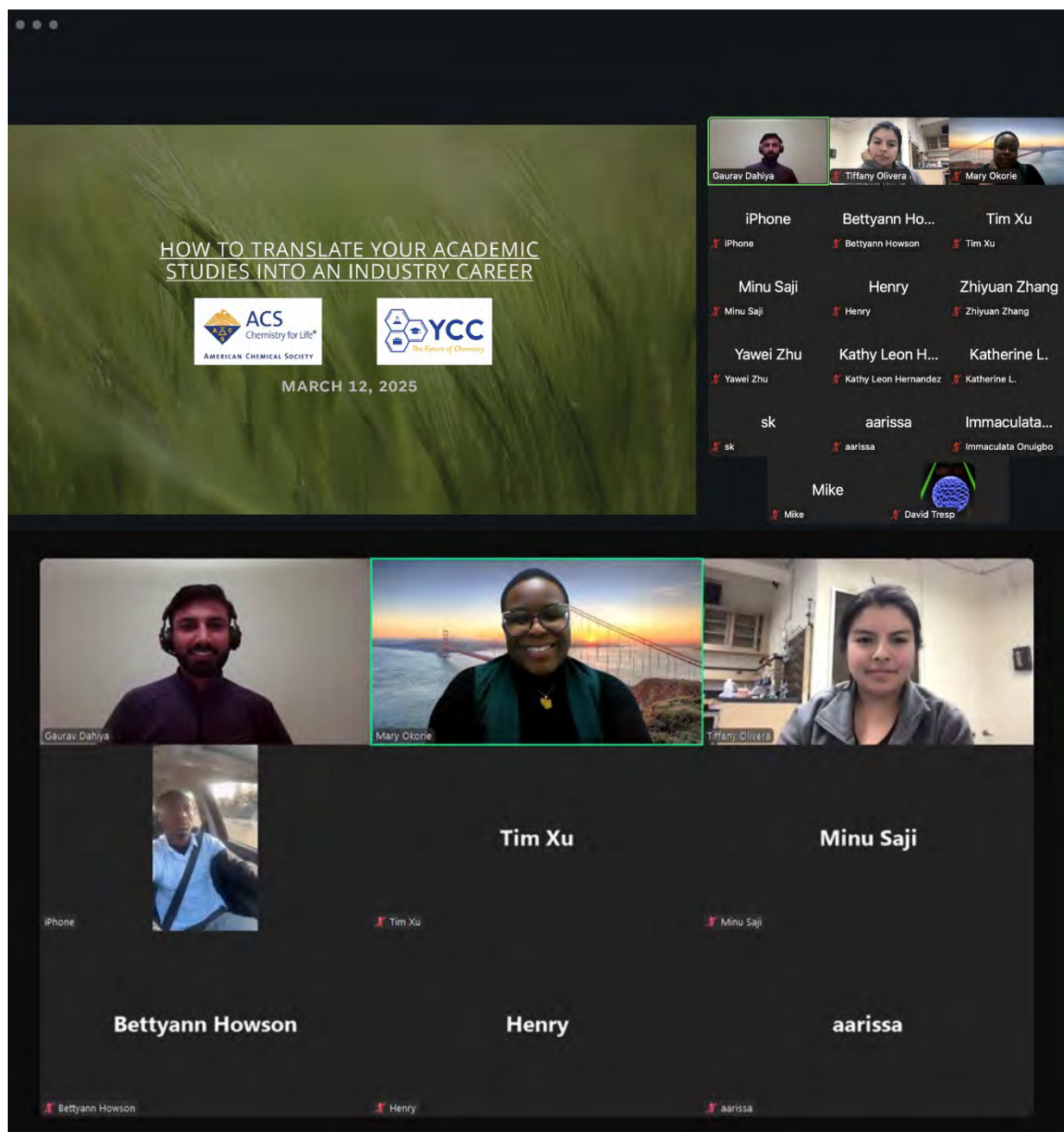
Lunch was then served with more healthy smoothies being whipped up. Participants were further entertained with a fun raffle; gifts included a variety of adorable stuffed animals, love-themed socks, wellness bags, fresh plants, etc. Guests were presented with gift bags filled with “love stuff” including a red BPA-free water bottle, heart stickers, a gel lip mask, healthy snacks, etc. The day ended with a scrumptious ice cream bar with all the toppings! It was indeed a great day to love and be loved <3

Special thanks to all the wonderful volunteers of Pace University who helped with the planning, set-up, assisting throughout the day, and the big clean-up!



## ***NORTH JERSEY ACS YOUNGER CHEMISTS COMMITTEE***

On March 12, 2025 the North Jersey ACS Younger Chemists Committee held its Spring 2025 Seminar Series, titled "How to Translate Your Academic Studies into an Industry Career." The seminar featured Dr. Gaurav Dahiya, a Medicinal Chemist in Drug Discovery at PTC Therapeutics. It was a pleasure to have Dr. Dahiya share his experiences, which ultimately led him to his current role at PTC Therapeutics. Approximately 16 YCC members, including both undergraduate and graduate students attended the seminar.



The North Jersey ACS Younger Chemists Committee will host another installment of its virtual Spring 2025 Seminar Series, "How to Translate Your Academic Studies into an Industry Career." This session will feature Dr. Mufeda Zhort, a Senior Scientist at Merck & Co. in the Small Molecule Analytical Research and Development group at West Point, PA. See page 23 for details.



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### **SEMINAR SPEAKERS WANTED**

The New York Section wants to add to our Speakers Bureau database of local speakers who are available for Section-wide seminars and symposia. If you have an area of research or interest that would provide an interesting talk appropriate for our Section members, and would like to be included in our Speakers Bureau, please send an email to [Ms. Bernadette Taylor](#) with the following information that will be posted on the Section's website: your name, affiliation, a seminar title, and 5-6 words briefly summarizing your area of specialty. We look forward to hearing from you about topics that you wish to share with your fellow members!

### **COMMITTEE ON THE HISTORY OF THE NEW YORK LOCAL SECTION**

The New York Section has participated in the designation of seven National Historic Chemical Landmarks and four New York Section Historic Chemical Landmarks, as detailed on its [website](#). These landmark programs recognize achievements in the chemical sciences and related areas, in order to enhance public appreciation for the contributions of the chemical sciences to modern life.

Please consider making a nomination for a historic chemical landmark - be it an achievement, a building or association. Send your nomination, with supporting documentation, to [Dr. Neil Jespersen](#), Chair, Committee on the History of the NY Section.

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## CALL FOR NOMINATIONS

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### **NEW YORK ACS OUTSTANDING SERVICE AWARD**

Do you know a colleague who has gone above and beyond to serve the New York ACS and its mission, or perhaps served faithfully for many years? This year we honored [Pamela Kerrigan](#), Director of the Division of Natural Sciences at the University of Mount Saint Vincent, please help us recognize the inspirational leader of the New York ACS. Please submit your nomination for the New York ACS' Outstanding Service Award by **June 30, 2025**. The nomination includes up to two letters of recommendation per nominee who meets the criteria for the Award as noted below.



1. The purpose of this award is to recognize the efforts of members of the New York Section who provide their time, leadership skills and dedicated service in promoting quality programs that contribute to the excellence of the Section.
2. This annual award consists of an engraved ACS plaque that is presented at the New York Section's General Meeting and Section-wide Conference in January. The awardee becomes a member of the Outstanding Service Award Committee for five years.
3. Eligible are members of the New York Section whose nomination data has been sent to the Outstanding Service Award Committee by **June 30**. Please be sure to include with your submission at least one nomination letter with specific examples of the nominee's outstanding service and the impact it had on the Section. You may submit one additional letter of recommendation.

Nominations remain on file for 3 years. Nominations with supporting data should be sent to the Office Administrator email [btaylor@newyorkacs.org](mailto:btaylor@newyorkacs.org) Visit our website for more details and see past awardees.



### **CALL FOR PAULING MEDAL AWARD NOMINATIONS**

The [Puget Sound, Oregon](#), and [Portland](#) Sections of the [American Chemical Society](#) calls for nominations for the **Pauling Medal Award** which recognizes outstanding achievement in chemistry. Named for Dr. Linus Pauling, a native of the Pacific Northwest, and in the spirit of and in honor of Linus Pauling, nominees shall have made outstanding contributions to chemistry of a character that have merited national and international recognition. **Nominations are due May 2, 2025.**

[Click here for more information](#)

**NEWS FROM OUR PARTNERS****EASTERN ANALYTICAL SYMPOSIUM**

The **FREE** Eastern Analytical Symposium Virtual Student Symposium (VSS) will be held **April 29, 2025** from **10:00AM - 5:00PM (EDT)**. Undergraduate students and graduate students are invited to submit an abstract and present your work at this student-centric virtual event. Posters and slides, accompanied by oral presentations, are accepted. Abstracts are due April 10. New for this year is a competition component! Presentations will be judged with the winner awarded a complimentary registration to the Eastern Analytical Symposium held November 17-19, 2025.

[Register here](#)  
[Submit your abstract here](#)

EASTERN ANALYTICAL SYMPOSIUM & EXPOSITION  
 Across The Analytical Spectrum:  
 Diversity of Scientific Ideas

## VIRTUAL STUDENT SYMPOSIUM

Tuesday April 29th  
 Virtual format  
 10:00 am - 5:00 pm EDT  
 (end time tentative)

- Student-centered virtual symposium (undergraduate & graduate)
- Present your research over a virtual format.
- Avoid the need for travel funds
- Networking opportunity
- Resume building event
- 15 min talks + 5 min Q&A

Free to present, free to attend  
**Best talk gets a free registration to EAS 2025 and an invited Speed Talk**

Submit an abstract at [www.eas.org/submit](http://www.eas.org/submit)  
**Opening: March 1st, 2025**  
**Deadline: April 10th, 2025**  
 Everyone is invited!

Questions:  
**Fernanda Delgado** (EAS Student Rep, [fernanda.delgado@eas.org](mailto:fernanda.delgado@eas.org)),  
**Lasangi Dhanapala** (EAS SM VP, [lasangi.dhanapala@uconn.edu](mailto:lasangi.dhanapala@uconn.edu))

**CALL FOR JAMES FLACK NORRIS AWARD NOMINATIONS**

The [Northeastern Section](#) of the American Chemical Society calls for nominations for the **James Flack Norris Award** which recognizes outstanding achievement in the teaching of chemistry. Named for Professor Norris (Massachusetts Institute of Technology), the award was established in 1950 and has recently been earned by New York ACS members Prof. Gerard Parkin (Columbia University) and Prof. Paris Svoronos (Queensborough Community College). **Nominations are due April 11, 2025.**

[Click here for more information](#)

## NAVIGATING CAREER PATHS & OPPORTUNITIES IN GREEN CHEMISTRY AND SUSTAINABILITY

April 17, 2025 | 5:00 P.M. - 7:00 P.M. (EDT)

Join us for this free virtual event designed for undergraduate and graduate students eager to build meaningful careers in green chemistry and sustainability. Hear from industry leaders and academics while making valuable career connections.

**EVENT HIGHLIGHTS**

**Panel discussion:** Hear firsthand career insights from green chemistry and sustainability leaders.

**Career connections speed dating:** Join small-group chats with experts to explore career paths and opportunities in green chemistry and sustainability.

**Keynote Presentation & Q&A:**  
**Dorothy J. Phillips**  
 President, American Chemical Society

**WHAT TO EXPECT**

- ✓ Explore career pathways in green chemistry, sustainability, and STEM fields.
- ✓ Connect with professionals across industry, academia, and NGOs.
- ✓ Learn about internships, co-ops, and job opportunities with leading organizations.
- ✓ Expand your network and receive guidance.

**SECURE YOUR SPOT TODAY** →

[bit.ly/gc-career-paths](https://bit.ly/gc-career-paths)

beyondbenign ACS GCI  
 greenchemistry.org chemistry.org

**NEWS FROM OUR PARTNERS**

**NEW YORK ACADEMY OF SCIENCES**

The New York Academy of Sciences invites all to join their Therapeutic Approaches to Protein Misfolding in Neurodegenerative Disease symposium on April 28-29, 2025 in NYC or virtually! This two-day symposium will bring together leading experts in proteostasis biology, neurodegenerative disease research, clinical practice, pharmaceutical development, and investors to discuss the latest advancements in the field. Participate in this dynamic platform aimed to stimulate discussions on translating current knowledge of proteostasis into innovative therapeutic strategies to address protein misfolding in neurodegenerative diseases

[Register here](#)



[events.nyas.org/tapmind](https://events.nyas.org/tapmind)



*Join us during the month of April!*



Turn your curiosity into impact through citizen science. Learn how your participation can lead to new discoveries.



Citizen Science Month is presented by SciStarter and ASU with support from the National Library of Medicine.



**APRIL IS CITIZEN SCIENCE MONTH**

Citizen Science Month is a global celebration of the people, projects, and perspectives empowering public engagement with scientific research. The goal is to generate one million acts of science public outreach. Sign up to prepare, participate, report activities (# of Acts), and receive a digital certificate and recognition on the Citizen Science Month website. If you are a project scientist or event organizer, this is a great way to reinspire your communities to participate in your project/event in April. All registered projects and events will also be promoted by SciStarter and its media partners leading up to and during the month of April!

[Learn more here](#)  
[Download Flyer here](#)

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## OPPORTUNITIES

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### *For High School Students & Teachers*

ACS Hach Second Career Teacher Scholars  
[Due May 1](#)

ACS–Hach Post-Baccalaureate Teacher  
 Scholarship  
[Due May 1](#)

ACS–Hach High School Chemistry Classroom  
 Grant  
[Due June 1](#)

### *For Undergraduates*

EAS Undergraduate Student Award  
[Nominations due April 30](#)

Priscilla Carney Jones Scholarship  
[Due May 1](#)

ACS Student Communities Professional  
 Meeting Grant  
[Due May 15](#)

ACS Undergraduate Award in Physical  
 Chemistry  
[Due June 15](#)

Graduate Student and Postdoctoral Scholars  
 Recognition Program  
[Due June 16](#)

ACS Organic Division Undergraduate Awards  
[Due June 17](#)

Undergraduate Award in Inorganic Chemistry  
[Due June 30](#)

Undergraduate Award in Analytical Chemistry  
[Due July 1](#)

### *For Graduate Students / Postdocs*

EAS Graduate Student Award  
[Nominations due April 30](#)

Ciba/YCC Young Scientist Travel Award  
[Due May 15](#)

Division of Inorganic Chemistry Travel Award  
[Due June 15](#)

Graduate Student and Postdoctoral Scholars  
 Recognition Program  
[Due June 16](#)



### *For Professionals*

Senior Chemists Mini Grant for Local  
 Sections  
[Due May 31](#)

Local Section Member Engagement and  
 Enhancement (LS-MEET) Grant  
[Due May 31](#)

William H. Nichols Medal  
[Due May 31](#)

Women Chemists Committee Rising Star  
 Award  
[Due June 15](#)

Paul J. Flory Polymer Education Award  
[Due July 1](#)

Pfizer Emergent Leader Award  
[Due July 15](#)

Trust in Science and Scientists Grant  
[Due July 15](#)

**JOB BOARD**

Starting your career or looking for the next challenge? Review postings at the New York ACS [Job Board](#). Email your job postings to [Jobs@NewYorkACS.org](mailto:Jobs@NewYorkACS.org) for inclusion.

**Academic Positions**

**Tenure-Track Assistant Professor in Chemistry – The Cooper Union**

[Apply here](#)

**Fulltime Tenure Track Faculty in Chemistry – Quinnipiac University**

[Apply here](#)

**Visiting Assistant Professor of Chemistry – Haverford College**

[Apply here](#)

**Tenure-Track Assistant Professor of Chemistry – St. Joseph’s University**

[Apply here](#)

**Adjunct Assistant Professor of Chemistry – New York City College of Technology**

[Apply here](#)

**Radiochemist with Radiopharmaceutical Production and Quality Assurance Role – Stony Brook University**

[Apply here](#)

**Industrial Positions**

**Chemistry Associate IV – Ionic Liquids Synthesis and Characterization – Brookhaven National Laboratory**

[Apply here](#)

**Technical Specialist – BASF**

[Apply here](#)

**Associate Scientist, Analytical Chemistry – Regeneron**

[Apply here](#)

**Senior Scientist, Formulation Development – Regeneron**

[Apply here](#)

**Specialist, Research – Merck**

[Apply here](#)

**Director of NMR, Structural Elucidation and Characterization, Analytical R&D – Merck**

[Apply here](#)



The banner features a dark blue background with a large yellow sun on the left and a silhouette of a person walking on a path. Orange wavy lines with arrows point to the right. The ACS logo and tagline 'Chemistry for Life' are in the top right. A blue box contains the event title and date, and a yellow button is at the bottom.

**ACS**  
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# Call for 2026 Inaugural Nominations

## Dr. Marie Maynard Daly Award

Presented by the New York  
ACS Local section



*To honor excellence in chemists and  
chemical engineers from underrepresented  
racial and ethnic groups*



ACS Local Section  
New York

This annual award recognizes and honors outstanding active professionals in the fields of chemistry and chemical engineering who are high achievers in research careers in academic, industrial or government settings, and who identify as Black (African ancestry), American Indian, Hispanic, Latino, Native of Alaska, Hawaii or other US Pacific Islands. The awardee's career path to excellence should serve as an inspirational model for K-12 students, college students and early to mid-career scientists from similar backgrounds.

*Nominees need to be active professionals in the United States or United States Territories as well as members of the American Chemical Society in good standing.*

*Nomination package (nominator's form, nominee CV, and two recommendation letters) should be sent as a single PDF to:*  
[Daly-award@newyorkacs.org](mailto:Daly-award@newyorkacs.org)

**Deadline: June 2<sup>nd</sup>, 2025**



### About Dr. Marie M. Daly

In 1947 Dr. Marie M. Daly became the first Black woman to receive a PhD in chemistry in the United States (Columbia University). In addition to her outstanding research in the field of Biochemistry (proteins, sugars, and cholesterol) she helped support programs to advance diversity in the chemistry profession. Learn more by watching this NYACS produced [video](#)