



ACS NORTH JERSEY ORGANIC TOPICAL GROUP PRESENTS

NEW HORIZONS IN ORGANIC SYNTHESIS

November 20th, 2025 | 8:00am -5:00pm



PROF. DAVID NAGIB
Ohio State University
"Harnessing Radical
and Carbene Polarity"



PROF. MARTIN TOMANIK
NYU
"Radical-Triggered Functional
Group Translocation Cascade and
Total Synthesis of
(+)-Talaromyolide D"



DR. TREVOR SHERWOOD
BMS
"Discovery of BMS-986526, an
EP4 agonist for the treatment of
IBD using direct-to-biology
cellular evaluation"



PROF. GUANGBIN DONG
University of Chicago
"Simple-Looking but Non-
Obvious Transformations"



PROF. MARY WATSON
University of Delaware
"Deaminative Cross
Couplings"



DR. ZHIXUN WANG
Merck
"Commercial manufacturing
process for Enticlide Decanoate, a
"large" small molecule"

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New Horizons in Organic Synthesis
See page 16



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ACS Local Section
New York

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DR. BRIAN GIBNEY

[Email](#)**Associate Editor**

DR. KATHLEEN GILBERT

[Email](#)**Acting Advertising Manager**

DR. NEIL JESPERSEN

Phone 516-883-7864 • Cell: 347-658-9898

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Associate Scientific Director,

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556 Morris Avenue, Summit, NJ 07901

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Fairleigh Dickinson University

Department of Chemistry, Biochemistry,

and Physics

285 Madison Ave., Madison, NJ 07940

973-443-8786 • [Email](#)**Secretary, BETTYANN HOWSON**

49 Pippins Way, Morris Township, NJ 07960

973-822-2575 • [Email](#)**Section Office**

49 Pippins Way, Morris Township, NJ 07960

973-822-2575 • [Email](#)**NEW YORK SECTION** <http://newyorkacs.online/>**Chair, DR. ERIC CHANG**

Pace University

Department of Chemistry and Physical Sciences

One Pace Plaza, New York, NY 10038

212-346-1425 • [Email](#)**Chair-Elect, MR. JOSEPH WIENER**

PepsiCo

100 E. Stevens Road

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914-253-2000 • [Email](#)**Secretary, DR. NAPHTALI A. O'CONNOR**

Lehman College – CUNY

Department of Chemistry

250 Bedford Park Blvd. West, Bronx, NY 10468

718-960-8678 • [Email](#)**Section Office, BERNADETTE TAYLOR**

Office Administrator

St. John's University, Dept. of Chemistry,

8000 Utopia Parkway, Queens, NY 11439

732-770-7324 • [Email](#)**THE Indicator**<http://www.theindicator.org/>

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.

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EDITORIAL DEADLINES

December 2025	November 16, 2025
January 2026	December 16, 2025
February 2026	January 16, 2026
March 2026	February 16, 2026
April 2026	March 16, 2026

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All views expressed are those of the editor and contributors and do not necessarily represent the official position of the New York and North Jersey Local Sections of the American Chemical Society unless so stated.

THIS MONTH IN CHEMICAL HISTORY

Harold Goldwhite, California State University, Los Angeles • hgoldwh@calstatela.edu

Ten years ago, Peter J. T. Morris published a landmark book titled “The Matter Factory: A History of the Chemical Laboratory”. I have written about this book before, but it is well worth a second look. The chapter headings are an epitome of the book’s contents. The “birth” of the modern laboratory is attributed by Morris to the alchemist Wolfgang von Hohenlohe at Weikersheim in the 1590s. However Morris does pay some attention to earlier alchemical workspaces dating back at least to the beginning of the Christian era, but his definition of a laboratory as “a space in which a recognizable chemical activity is taking place , and/or a space that its occupants called a chemical laboratory” implies that since the term “chemical” only slowly replaced “alchemical” it is only after this replacement became established that we can call any space a chemical laboratory. But perhaps I quibble. Let me return to Morris’s book.

Morris attributes to Lavoisier in the 1780s the birth of the modern laboratory. We do know from the plates in Lavoisier’s papers and books, plates that are based on the sketches and careful drawings of Madame Lavoisier, that Lavoisier and his associates worked in a large room totally devoted to chemical, physical, and biochemical investigation, a true chemical laboratory. Earlier laboratories usually contained several furnaces that dominated their interiors. Because Lavoisier and his contemporaries were beginning the study of pneumatic chemistry – the study of gases – their need for furnaces was less than that of their predecessors, and the Lavoisier laboratory had lots of open space where gas generators and storage vessels could be placed.

The Royal Institution in London was founded by Lord Rumford to help educate working men in the sciences, and in the early 19th. century among its earliest Professors of chemistry were Humphry Davy and his protégé and successor Michael Faraday, who began as a chemist before moving on to even greater triumphs in physics. Faraday’s public lectures followed the model set by Davy and included many demonstrations. The laboratory used to prepare and set up these public demonstrations was immediately adjacent to the lecture hall and this became a prototype for a new kind of chemical laboratory, one that has lasted to the present day.

Justus von Liebig was one of the most influential chemists of the mid-19th. Century. After a post-doctoral stint with Gay Lussac in Paris he was called to the Chair of Chemistry in Giessen where a new laboratory building was erected following his specifications, and where he presided over a research group that included, in modern terminology, graduate students and post-docs. His laboratories were built with benches backed with bottle racks and with cupboards below – sound familiar? – and contained along the walls fume hoods, initially “powered” by charcoal fires that created the updraft. In these laboratories Liebig and his co-workers improved distillation by the use of the Liebig condenser and improved the accuracy of the analysis of organic compounds while at the same time greatly reducing the amount of compound subjected to the analysis.

Robert Bunsen introduced a number of innovations in his laboratories at Heidelberg in the mid 1800s that soon became staples in all subsequent chemistry laboratories. They included the provision of piped gas and running water at each laboratory station. The gas was used to power Bunsen burners that became the preferred source of laboratory heating. The water was used, among other things, to power filter pumps used in many operations including filtration, evacuating laboratory vessels, and reduced pressure distillation of thermally labile compounds. The Bunsen burner was also crucial in the work of Bunsen and Kirchoff in their spectroscopic analysis of flame colors and the discovery of rubidium and cesium.

Although a number of laboratories as early as the 1850s had a supply of electricity from batteries for electrochemical research, and a few had dedicated generators as early as the 1880s, mains electricity from a central generating station seems to have been introduced in the 1890s. The chemist Henry Armstrong seems to have been the first, at the Finsbury College of Science, to use electric fans to improve the performance of fume hoods.

November Calendar

NORTH JERSEY SECTION**Wednesday, November 12, 2025**

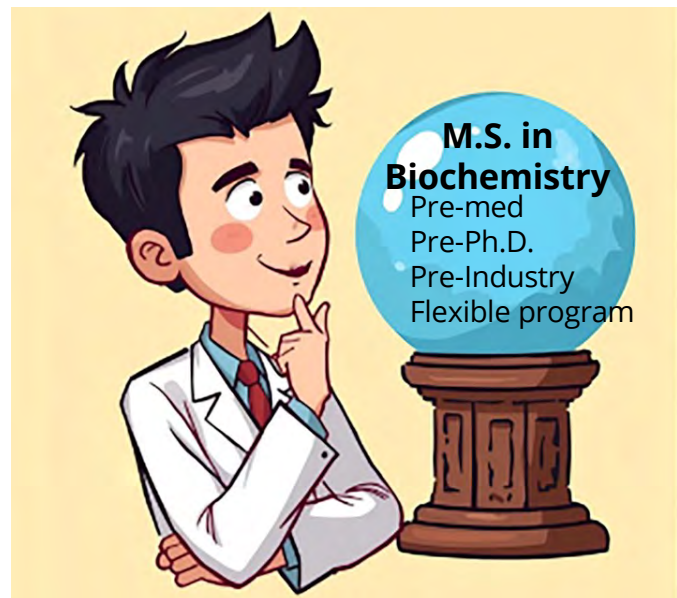
NJACS Executive Committee Meeting *See page 14*

Friday, November 14, 2025

Women Chemists Committee & Younger Chemists Committee
See page 17

Thursday, November 20, 2025

NJACS Organic Topical Group
See page 16



M.S. in Biochemistry at the
**City College of New York
(CUNY)**
Email: kryan@ccny.cuny.edu

NEW YORK SECTION**Monday, November 3, 2025**

Board of Directors Meeting
See page 6

Saturday, November 8, 2025

Sterrett Environmental Chemistry Symposium
See page 11

Tuesday, November 11, 2025

Senior Chemists Committee
See page 8

Thursday, November 20, 2025

MetroWomen Chemist Committee
See page 7

Saturday, November 22, 2025

High School Students Research Symposium
See page 12

Sunday, November 23, 2025

Chemistry of YOGa
See page 9

Thursday, December 4, 2025

Westchester Chemical Society
See page 13

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The Indicator is published online on the 1st of each month September to June.

<http://www.theindicator.org/>

2026 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM TO CELEBRATE PROFESSOR MERCOURI KANATZIDIS

The William H. Nichols Distinguished Symposium and Medal Presentation Ceremony will be held at St. John's University on April 10, 2026 in honor of Professor Mercouri Kanatzidis of Northwestern University, the 2026 William H. Nichols Medalist. The distinguished symposium entitled, as follows:

Frontiers in Materials Chemistry and Energy Innovation

The distinguished symposium will feature talks by the following:

Tobin J. Marks (Northwestern University)

Aditya D. Mohite (Rice University)

Ram Seshadri (University of California– Santa Barbara)

K.S. Choi (University of Wisconsin – Madison)



The New York ACS looks forward to honoring Prof. Kanatzidis and invites all to attend the celebration. Ticket details will be provide in next month's issue of The Indicator and on the [New York ACS website](#).

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



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NEW YORK SECTION MEETINGS

<http://www.newyorkacs.online>

2025 BOARD MEETING DATES

The final New York ACS Board of Directors meetings date for 2025, is, as follows:

Monday, November 3, 2025 (hybrid)

The meeting will start at precisely 6:30 PM.

The agenda will include announcement of the Board Meeting dates for 2026, ratification of the 2026 budget, annual conflict of interest compliance, and planning for the Sectionwide Conference (*see page 13*) and 2026 Nichols Symposium.

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 by contacting [Dr. Neil Jespersen](#), Chair, Committee on the History of the NY Section.



METROWOMEN CHEMISTS COMMITTEE**Cosmetics: Innovation in a Fast-Paced Industry**

Speaker: Stacey House
Global Senior Vice President
AGILE BEAUTY & INNOVATION at Coty

Date: **Thursday, November 20, 2025**

Place: Hybrid
Pace University
One Pace Plaze
New York, NY 10027
and via Zoom

Time: 3:25 PM – 4:25 PM



[Click here to register](#)

[Download flyer here](#)

Stacey House is Global Senior Vice President, AGILE BEAUTY & INNOVATION at Coty. AGILE BEAUTY supports innovation with speed, create with purpose, and stay at the forefront of trends—deeply attuned to the evolving needs of beauty consumers around the world. Leveraging experience from her role as Global SVP of Color Consumer Beauty & Prestige R&D at Coty.

Prior to rejoining Coty, she was the Global Head of Innovation for KDC/One's Beauty and Personal Care Division and focused on customer development of elevated, high touch formulas in categories spanning the industry. She started her career on the brand side at Revlon and Coty, supporting all facets within R&D over a combined 14-year period. She then moved into the supplier side of the cosmetic industry as the Director of Applications for Kobo Products, managing labs in the USA, Brazil, and France. During this time, she was involved in ingredient development of sunscreen technologies, surface treatments and dispersions to optimize pigments. Afterwards, she joined MANA Products as the Director of R&D prior to joining KDC/One. Stacey has been involved in hundreds of product launches and helping emerging brands develop product lines.

Stacey holds a patent on Low Viscosity Phenyl Trimethicone Applications. She has written several published industry articles and has given presentations globally for the Society of Cosmetic Chemist (SCC), IFSCC, and In-cosmetics. She served as the Chair of New York Society of Cosmetic Chemist (NYSCC) in 2023, the largest chapter of the SCC.

Stacey graduated from Northeastern University's D'Amore-McKim School of Business with MBAs in International Business, Operations and Supply Chain Management. She received her Bachelor of Science degree at Rutgers University-New Brunswick with a focus on Microbiology in Cosmetics. Stacey is an active member of SCC and Cosmetic Executive Women (CEW).

SENIOR CHEMISTS COMMITTEE

Cybersecurity in the Age of Targeted Threats: How Senior Professionals Can Stay Safe and Lead with Confidence

Speaker: **Dr. Paulo Costa**
Professor and Chair,
Department of Cybersecurity Engineering
Director, Center of Excellence in C5i
George Mason University

Date: **Tuesday, November 11, 2025**

Place: via Zoom, register for zoom link

Time: 3:25 PM – 4:25 PM



[Click here to register](#)
[Download flyer here](#)

Abstract: Cyberattacks are no longer confined to large corporations or tech-savvy individuals. Instead, they increasingly target professionals with valuable networks, institutional memory, and perceived access to sensitive information. Senior scientists and professionals, including members of the American Chemical Society, are now squarely in the sights of sophisticated threat actors.

This talk will focus on demystifying the evolving cyber threat landscape. Prof. Costa will share recent real-world examples of phishing, credential theft, and social engineering attacks specifically designed to exploit individuals in positions of trust and influence. Attendees will learn practical strategies to strengthen their personal cybersecurity posture, recognize the red flags of common and advanced attacks, and contribute to a culture of cyber awareness within their organizations and communities.

Biography: Paulo Costa is a professor and chair for the Department of Cyber Security Engineering at George Mason University, Fairfax, VA. He is the Director of the Center of Excellence in C5i, which is one of the University's oldest Centers with 36 years of successfully delivering in diverse areas of critical systems' research. Outside GMU, Prof. Costa works as the VP for Securing Automation and Supply Chain Security for the DOE's CyManII, where he focuses on cybersecurity quantification and risk assessment. He also oversees the exponential growth of the first cyber security engineering degree accredited by ABET in the U.S., while guiding the newly created Cyber Security Engineering Department.



2nd ANNUAL CHEMISTRY OF $^{39}\text{Y}^{80}\text{O}^{31}\text{Ga}$ EVENTACS Local Section
New York**2nd Annual "Chemistry of $^{39}\text{Y}^{80}\text{O}^{31}\text{Ga}$ " event****Date:** Sunday, November 23, 2025**Time:** 10-3 PM**Place:** Pace University, Gym and Student
Center East
1 Pace Plaza, New York City

Join us in this fun, healthy, and educational event, where we come together and celebrate our life energy! Yoga is more than twisting and turning – it is the awareness of the breath, concentration, meditation, a look within. The chemistry of $^{39}\text{Y}^{80}\text{O}^{31}\text{Ga}$ techniques to be discussed include: asana (postures), pranayama (breathing), and meditation (dhyana). Presentations will discuss how the yoga practice affects the brain and blood flow. The day's bliss will begin with a beginner asana practice, pranayama, and sound healing by certified yoga instructors. Following the practice and talks, there will be lunch, snacks, and a healthy smoothie bar. Come breathe, flow, and smile with us ☺ The event is free and open to all, but everyone must register (including children).

Bring your own yoga mat or blanket.

For more information contact:

Prof. JaimeLee Iolani Rizzo, jrizzo@pace.edu

To register:

<https://forms.gle/2FHRpGy8u9CLzGHy9>

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- LC-Mass Spectrometry (LC-MS)
- GPC, SEC
- Ion Chromatography (IC)

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- 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

GENERAL CHEMISTRY

- Karl Fisher Moisture (KF)
- Titrimetry
- Coulometry
- ISE
- Gravimetry
- TOC

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*2025 FRANCES S. STERRETT ENVIRONMENTAL CHEMISTRY SYMPOSIUM***2025****Frances S. Sterrett
Environmental Chemistry
Symposium****PFAS -
Forever Chemicals or
Solvable Crisis?****Detection Methods, Harmful Effects, and
Cleanup Strategies for Per- & Poly-
fluoroalkyl Substances****Saturday, November 8th, 2025
9:00 – 15:00****Berliner Hall Room 117
Hofstra University
Hempstead, NY 11549-1000****<http://newyorkacs.online/sterrett>**

2025 HIGH SCHOOL STUDENTS RESEARCH SYMPOSIUM

ACS Local Section
Southern California



ACS Local Section
New York

You are Cordially Invited to the 2025 High School Students Research Symposium

A Virtual Event in Celebration of the Excellence in STEM Research

Date: Saturday, November 22, 2025

Time: 1-5 pm EST | 10am to 2 pm PST

For this Virtual Event: Register Free at:

<https://forms.gle/UcpqJ6s6Su7zc2Px5>

(Zoom link will be sent to registrants)

- Registration closes: November 1, 2025
- Topic: Any research area within STEM
- Presentation Format: 15 minutes with PowerPoint via Zoom
- Teachers: Please encourage your students to register as guests and attend

Six \$100 awards will be presented to the top presenters!

**For any enquiries, contact Ping.Furlan@gmail.com
or kkallury@gmail.com**

WESTCHESTER CHEMICAL SOCIETY**Solid-State Modeling in Drug Development: Predicting Risks, Mitigating Threats and Unlocking Opportunities**

Speaker: Luca Iuzzolino, Ph.D.
Associate Principal Scientist
Modeling & Informatics, Discovery Chemistry
Merck & Co., Inc., Rahway, NJ

Date: **Thursday, December 4, 2025**

Place: Online via [Zoom](#)

Time: 7:30 PM



Abstract: Several key properties of organic materials — including physicochemical stability, solubility, hygroscopicity, tendency to amorphize, melting point, and external morphology — depend not only on the chemical nature of the molecule but also on how it arranges itself in the solid state. Consequently, comprehensive screening and characterization of crystalline forms, or polymorphs, of the active pharmaceutical ingredient (API) and key synthetic intermediates, together with their solvates and hydrates, are essential components of small-molecule drug development.

When a target molecule cannot form crystal structures with suitable properties (for example, an adequate melting point), alternative solid forms such as salts or cocrystals are explored to achieve an optimal balance of attributes. The solid form selected for manufacturing and formulation must possess the required characteristics and retain them throughout the entire manufacturing, storage, and delivery lifecycle. It must also be thermodynamically stable to minimize the risk of late-appearing, undesired polymorphs — as dramatically illustrated by the ritonavir and rosiglitazone debacles.

Experimental solid-form screens, however, are costly, time-consuming, and often rely on trial-and-error; fundamentally, they cannot guarantee identification of all relevant solid forms. Solid-state modeling can substantially enhance drug development by helping to right-size experimental effort, assess risks associated with a chosen form, and focus experiments on the most relevant threats and opportunities. In this presentation I discuss solid-state modeling with an emphasis on crystal structure prediction: the workflows, the types of information obtainable, how to interpret the results, and important caveats of computational approaches. I also present examples of the impact of solid-state modeling on real projects and outline future directions for improvement and development.

[Download flyer here](#)

SAVE THE DATE: 2026 SECTIONWIDE CONFERENCE

The New York ACS Sectionwide Conference will be held on Saturday, January 24, 2026 at Iona University. Please join us as we celebrate our volunteers, plan our events for 2026, and honor our professional educators. Further details will be forthcoming in [The Indicator](#) and on the [New York ACS website](#).

NORTH JERSEY SECTION MEETINGS

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, November 12, 2025 (virtual) **Saturday, December 6** (Planning Meeting for 2026)

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

2026 NORTH JERSEY SECTION ELECTIONS RESULTS – CONGRATULATIONS TO OUR NEW CHAIR-ELECT AND COUNCILORS

The North Jersey Section of the American Chemical Society is pleased to announce the results of the 2026 NJACS Election:

It's that time of year again!

•Chair Elect (2026)

- **Joseph Badillo**

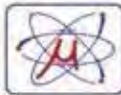
•Councilor (2026 – 2028)

- Miriam Gulotta
- Elizabeth (Bettyann) Howson
- Michael B. Peddicord

•Alternate Councilor (2026 – 2028)

- Mohammed R. Elshaer
- Mary Chioma Okorie
- Siqi Sun

We thank the slate for stepping up to take on a larger role within NJACS and look for to a great 2026 for our Section!

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NORTH JERSEY LOCAL SECTION MEMBERSHIP CAMPAIGN

As you may be aware, NJACS provides opportunities for public outreach, career development and to grow your personal and professional network. Our local section depends on members like you to maintain our presence in our local community.



Our local section is participating in a membership recruitment campaign that runs from September 1, 2025, through November 15, 2025. We are pleased to partner with ACS to offer you a 30% discount on your upcoming ACS Membership renewal (current local section members) or on ACS Membership (current community associates). This discount may be applied to the Standard or Premium package and **must be used by November 15, 2025.**

Here is how to redeem your discount:

1. Visit <https://membership.join.acs.org>
2. You will be prompted to log in using your ACS ID (username/password). If you don't have one or forget your login, click the appropriate link on the login page
3. On the Review step of the application, enter the following code to apply the discount to your ACS dues: **LSGROW25**

I hope you will take advantage of this discounted membership offer and to see you at one of our upcoming meetings and networking events. For more information about upcoming activities our Local Section is hosting, review our website, <http://www.njacs.org>. Contact Diane (dkrone@njacs.org) if you have any questions or wish to get involved in our local section.

NEW HORIZONS IN ORGANIC SYNTHESIS

The North Jersey ACS Organic Topical Group invites all to attend their fall symposium entitled "New Horizons in Organic Synthesis." This event combines talks by preeminent practitioners of synthetic organic chemistry along with posters by local graduate students, undergraduate students, and post-docs. This provides an excellent opportunity to share science, get up-to-date with recent developments in organic synthesis and network with the NJ organic chemistry community.

Date: Thursday, November 20, 2025

Place: The Marigold
315 Churchill Ave,
Somerset, NJ 08873

Time: 8:00AM – 5:00PM

[Register here](#)
[Download Flyer here](#)



ACS NORTH JERSEY ORGANIC TOPICAL GROUP PRESENTS
NEW HORIZONS IN ORGANIC SYNTHESIS
November 20th, 2025 | 8:00am -5:00pm

		
PROF. DAVID NAGIB Ohio State University "Harnessing Radical and Carbene Polarity"	PROF. MARTIN TOMANIK NYU "Radical-Triggered Functional Group Translocation Cascade and Total Synthesis of (+)-Talaromyolide D"	DR. TREVOR SHERWOOD BMS "Discovery of BMS-986526, an EP4 agonist for the treatment of IBD using direct-to-biology cellular evaluation"
		
PROF. GUANGBIN DONG University of Chicago "Simple-Looking but Non-Obvious Transformations"	PROF. MARY WATSON University of Delaware "Deaminative Cross Couplings"	DR. ZHIXUN WANG Merck "Commercial manufacturing process for Enlicitide Decanoate, a "large" small molecule"

REGISTRATION (includes symposium and lunch) GENERAL: \$150 POSTER PRESENTERS: \$20 VENDORS: \$500 RETIREES AND STUDENTS: \$50 Link to register: https://www.njacs.org/topical-group/organic-topical-group/#meeting Questions? bebbingtonm@montclair.edu	Scan to Register 	THE MARIGOLD 315 CHURCHILL AVE, SOMERSET, NJ 08873 Undergraduate and Graduate Poster Session Presented During Breaks Participating Institutions Include NYU, Princeton, Chicago, Delaware, Ohio State, Rutgers, and Seton Hall.
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NJACS WCC AND YCC PRESENT A TIMELY WEBINAR

Please join the North Jersey ACS' Women Chemists and Younger Chemists Committees for a timely webinar entitled 2025 Immigration Landscape and Career Strategies presented by Mustafa Cetin, Founding Attorney, MC Law Firm.

Date: Friday, November 14, 2025

Place: via Zoom ([register here to receive the link](#))

Time: 1:30PM – 3:00PM

[Register here](#)

[Download Flyer here](#)

ACS Local Section
North Jersey

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Immigration Webinar

**“2025 Immigration Landscape
and Career Strategies”**

Mustafa Cetin
Founding Attorney, MC Law Firm

 **14 November, 2025**
Start at 1:30 PM

Register Now

ATTORNEY FEATURED

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The Guardian

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THE WALL STREET JOURNAL

USA TODAY

The Asahi Shimbun

INFO 
www.njacs.org

CALL FOR NOMINATIONS: LEO HENDRIK BAEKELAND AWARD

Call for nominations: Because of scheduling conflicts in its 2025 schedule, the ACS North Jersey Section of the American Chemical Society will present the Leo Hendrik Baekeland Award at a symposium in the Fall of **2026** and continues to solicit nominations. The Award consists of a gold medal and a \$5,000 honorarium. The Award is given in recognition of accomplishments in pure or applied chemistry to a US-based chemist as characterized by the initiative, creativity, leadership, and perseverance of the individual (indicated by published or unpublished evidence) and who was under the age of 40 as of January 15, **2025**.

Nominations should include a letter describing the nominee's achievements, a brief biography and curriculum vitae, and a list of the nominee's important published works. Supporting letters are strongly encouraged.

Nomination forms can be found at <https://www.njacs.org/awards>. Email the completed nomination form and enclosures to Diane Krone, Awards Committee Chair, for receipt by January 15, 2026, at dkrone@njacs.org. Enter the title of the award in the subject line.

Re-nominations are encouraged, provided the age requirement is still met (the nominee was under the age of 40 as of January 15, **2025**).

NJACS WILL BE AT THE EASTERN ANALYTICAL SYMPOSIUM NOVEMBER 17-19

Please stop by the NJACS table at the Eastern Analytical Symposium (EAS) on November 17 through 19! NJACS is a sponsor of EAS and has the opportunity to share the wonderful work done by our topical groups, education, and outreach committees. *See the EAS short courses on page 23 of this issue.*



CALL FOR NOMINATIONS

CALL FOR NOMINATIONS: NEW YORK ACS COLLEGE TEACHING AWARDS

The New York ACS invites all members to nominate worthy colleagues for one of five outstanding college chemistry teaching awards honoring the dedication of college faculty in training the next generation of chemistry professionals. These awards are presented annually to recognize highly effective teaching and inspirational leadership by chemistry faculty within the New York Section.

The deadline to submit nominations is **November 15th**. The details for each of the awards are attached:

- [Outstanding Adjunct \(Part-Time\) Teaching Award](#)
- [Outstanding Full-Time Lecturer and Instructional Faculty Teaching Award](#)
- [Outstanding Chemistry Faculty Teaching Award Division: Two-Year College](#)
- [Outstanding Chemistry Faculty Teaching Award Division: Four-Year Undergraduate College and University](#)
- [Outstanding Chemistry Faculty Teaching Award Division: Four-Year University with Graduate School](#)

These awards will be presented to the winners at the ACS New York Sectionwide Conference on January 24, 2026. The winners will be presented a plaque and a one-year membership to the American Chemical Society. Nominations remain on file for 3 years.



ACS FELLOW– CALL FOR NOMINATIONS

The [American Chemical Society Fellows Program](#) was created by the ACS Board of Directors in December 2008 to recognize members of ACS for outstanding achievements in and contributions to science, the profession, and the Society. The New York (NYACS) and North Jersey Sections (NJACS) have many outstanding members who have contributed to both the science and the Society and deserve to be recognized. Help us identify these exceptional members by sending your nomination to [Diane Krone](#) (NJACS) or [Robert Nolan](#) (NYACS) by January 31st. Please include your name, phone number and email address as well as the name, phone number and email address of the person you are nominating.

Due January 31, 2026

WESTCHESTER CHEMICAL SOCIETY DISTINGUISHED SCIENTISTS AWARD 2026 – CALL FOR NOMINATIONS

The Westchester Chemical Society is now accepting nominations for the “WCS Distinguished Scientist Award 2026”. Scientists who live or work in Westchester or the Bronx qualify. Nominees can be from private companies or educational institutions or government. The awardee is expected to attend the Awards Dinner (April/May time-frame) and to present aspects of his or her work. Self-nominations are acceptable. Nominations are carried over for 3 years from previous years. New and possibly updated nominations should be submitted. Please send a cover letter stating why your nominee should receive the award along with the nominee's resume by **December 15, 2025** to Dr. Peter Corfield at pcorfield@fordham.edu. The list of Westchester Distinguished Scientists is given on this [webpage](#).

MEETING REPORTS

LONG ISLAND SUBSECTION HOSTS FALL BBQ AT EISENHOWER PARK

Contributed by Ping Furlan

The Long Island Subsection of the New York ACS (LIACS) held a Fall Barbecue on October 11, 2025, at Eisenhower Park from 11:00 a.m. to 2:00 p.m.

A total of nine attendees, including six LIACS members, gathered for a relaxing afternoon of food, conversation, and beautiful early autumn scenery, with leaves just beginning to turn red and gold. Dr. Carlos Chavez, LIACS Chair, graciously hosted the event and brought his family, whose cheerful presence added to the warm atmosphere.

Participants shared great conversations, laughter, and appreciation for the mild fall weather — a perfect setting to celebrate collegiality and community.



Photo: LIACS members, Carlos Chavez, Frank Romano, Jole Fiorito, Ping Furlan, Ron D'Amelia, and Phil Mark. Photo Credit: Rafael Chavez.

HUDSON-BERGEN SUBSECTION CELEBRATES NATIONAL CHEMISTRY WEEK

Contributed by Ish Kumar



From left to right, Vittori Ferrari (student), Mofoluwateleola Abe (student), Marion McClary (faculty), Anna Debska (faculty), Ish Kumar (faculty, HBSC Chair), James Dougherty (faculty), Viktorija Miseljic (speaker), Mihaela Leonida (faculty), Jayla Clark (student), Jadeyn Mabry (student) and Hara Rahman (student).

The Hudson-Bergen Subsection celebrated National Chemistry Week at Fairleigh Dickinson University Oct 16th 2025. The had an alumna, Ms. Viktorija Miseljic, present her Ph.D. thesis work on AIE Materials – Using Phenazine Derivatives to a crowd of about 50 attendees. Ms. Miseljic is about to conclude her Ph.D. at Wesleyan University at Connecticut working with Prof. Brian Northrop on synthetic organic chemistry..

OPPORTUNITIES

For High School Students and Teachers

Society for Science STEM Research Grant

[Due December 5](#)

For Undergraduates

ACS Student Communities Engagement Grant

[Open deadline](#)

ACS Student Communities Inclusion Grant

[Open deadline](#)

For Graduate Students / Postdocs

Kenneth G. Hancock Memorial Award

[Due November 3](#)

Heh-Won Chang, PhD Fellowship in Green Chemistry

[Due November 3](#)

Joseph Breen Memorial Fellowship

[Due November 3](#)

Raymond Davis Jr. Fellowship

[Due November 5](#)

2026 Chu Family Foundation Scholarships

[Due November 14](#)

2026 ACS GCI Summer School on Green and Sustainable Chemistry

[Due December 1](#)

ACS Division of Medicinal Chemistry Travel Grant

[Due January 31, 2026](#)

For Professionals

Career Achievement in Green Chemistry Education

[Due November 3](#)

Rising Scholars in Green Chemistry Education Award

[Due November 3](#)

Raymond Davis Jr. Fellowship

[Due November 5](#)

2026 HIST Award for Outstanding Achievement in the History of Chemistry

[Due December 31](#)



ACS GCI
GREEN & SUSTAINABLE CHEMISTRY
SUMMER SCHOOL

Burlington, Vermont
July 11 – July 18, 2026



Raymond Davis Jr. Fellowship

The Raymond Davis Jr. Fellowship aims to cultivate future scientific leaders who wish to develop their careers at Brookhaven National Laboratory. Fellows will work closely with a Brookhaven sponsor to pursue their research interests.



OPPORTUNITIES FOR UNDERGRADUATES



Application Boot Camp

FOR THE PH.D. PROGRAMS IN THE NATURAL SCIENCES

Friday, November 7, 2025
4:00 PM - 6:00 PM

This event will be held virtually via Zoom

Department directors from the doctoral programs in **Biochemistry, Biology, Chemistry, and Physics** will discuss:

- Application Procedure
- Program Curriculum
- Degree Requirements

REGISTER HERE



https://tinyurl.com/yke8vah5

Send Questions to: admissions@gc.cuny.edu



WANT TO LEARN HOW TO PUT TOGETHER YOUR MOST COMPETITIVE APPLICATION TO GRADUATE SCHOOL?

Thinking about pursuing a graduate degree, but unsure of how to put together your application? Join the virtual Application Bootcamp offered by the Graduate Center of the City University of New York to learn how. Program leaders will discuss how to craft a personal statement, get positive letters of recommendation, and put your best foot forward as an application. Plus, there will be a Q&A session to answer anything they missed.

[Register here](https://tinyurl.com/yke8vah5)

Summer Internships at Brookhaven National Lab

An amazing opportunity to be part of cutting-edge research in a multidisciplinary laboratory

What we do !	Program Benefits
✓ Energy & Photon Sciences ✓ Environmental Science ✓ Biology ✓ Nuclear Science & Nonproliferation ✓ Accelerator Science & Technology ✓ Quantum Information Science ✓ Nuclear & Particle Physics ✓ Computing and Data Sciences ... and much more!	➢ Engage in cutting-edge research projects under the guidance of laboratory scientists, technicians, and engineers ➢ Your collaborations will help tackle real world challenges! ➢ \$650 stipend/week ➢ Housing and round-trip travel transportation provided for those that qualify ➢ Must be US Citizen or Legal Permanent Resident (green card holder)



Applications are open!

- Application deadline: January 7, 2026, at 5pm ET

Science Undergraduate Laboratory Internship (SULI)





Program Dates at BNL

- Program start: June 1
- Program ends: August 7

Community College Internship (CCI)



BNL, your scientific home away from home.



Brookhaven National Laboratory



This is Brookhaven Lab Video





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LOOKING FOR A SUMMER INTERNSHIP?

Looking for a summer internship to learn new skills, get research experience in a multidisciplinary laboratory, and add to your CV? Check out the offerings in environmental science, biology, nuclear science, computing and data science at Brookhaven National Laboratory this summer by scanning the QR code. These programs run from June 1 – August 7, 2026

Apply by January 7, 2026

NEWS FROM OUR PARTNERS**EAS SHORT COURSES**

The Eastern Analytical Symposium offers cost-effective one- and two-day short courses designed to upskill professionals. Three examples are given below, [click here](#) to see all twenty offerings. Secure your spot today!

Practical NMR Spectroscopy

Sunday, November 16

8:30AM – 5:00PM

Instructor: Dr. Damodaran Achary, University of Pittsburgh

Chromatographic Methods of Analysis of Oligonucleotides, siRNA, sgRNA, and mRNA

Sunday, November 16

8:30AM – 5:00PM

Instructor: Martin Gilar, Waters Corp.

Data Analysis Skills for Chromatographers

Monday, November 17

8:30AM – 5:00PM

Instructor: Merlin Bicking, ACCTA, Inc.

Submissions for the December issue of The Indicator are due on November 16th.

<http://www.theindicator.org/>

CHEMISTRY TEACHERS CLUB OF NY AND THE PHYSICS CLUB OF NY

The Kakos School of Science at Manhattan College and the Chemistry Teachers and Physics Clubs of NY are proud to present a lecture entitled, as follows: Ladies in Waiting...and Still Waiting (for the Nobel Prize)

Speaker: Mary Virginia Orna, Ph.D.
ChemSource.

Date: **Saturday, November 22, 2025**

Place: Hayden Hall 100
Manhattan College
Riverdale, NY 10471

Time: 12:00 PM Lunch in Thomas Hall
1:30 PM Speaker



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 for inclusion.

Academic Positions

Postdoctoral Research Scientist – Fordham University

[Apply here](#)

Visiting Assistant Professor of Chemistry – Seton Hall University

[Apply here](#)

Two Assistant Professors of Chemistry – Tenure Track – University of Mount Saint Vincent

[Apply here](#)

Assistant Professor – Chemistry & Biochemistry – Tenure Track – City College of New York

[Apply here](#)

Assistant Professor – Environmental Chemistry / Toxicology – John Jay College of Criminal Justice (CUNY)

[Apply here](#)

Assistant Professor – Biochemistry – Hunter College (CUNY)

[Apply here](#)

Assistant Professor, Natural Sciences/Environmental Studies – Baruch College

[Apply here](#)

Assistant or Associate Professor of Biochemistry – Hofstra University

[Apply here](#)

Assistant Professor, Chemistry – The College of New Jersey

[Apply here](#)

Assistant Professor, Inorganic Chemistry – Western Connecticut State University

[Apply here](#)

Dean of Engineering – The Cooper Union

[Apply here](#)

Industrial Positions

Associate Scientist, Post-Doctoral Fellow-Computational Modeling – Machine Learning – Merck

[Apply here](#)

Engineer, Quality Assurance (Continuous Improvement) – Revlon

[Apply here](#)

Research Associate, Analytical Chemistry – OSMO

[Apply here](#)

Scientist, Chemical Process Development, Process Chemistry – Bristol Myers Squibb

[Apply here](#)

Chemist (Electronic Materials/Aerospace) – Momentive

[Apply here](#)

Research Scientist – Momentive

[Apply here](#)

Principal Scientist, Analytical R&D – Merck

[Apply here](#)