THE Indicator
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Joseph Wiener
2026 New York ACS Chair
See page 6

ACS Local Section New York
ACS Local Section North Jersey
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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.

CONTENTS

EDITORIAL DEADLINES

February 2026	January 16, 2026
March 2026	February 16, 2026
April 2026	March 16, 2026
May 2026	April 16, 2026
June 2026	May 16, 2026

The Indicator (ISSN 0019-6924) is published on-line monthly except July and August by the New York and North Jersey Local Sections of the American Chemical Society, Office of Publication.

THIS MONTH IN CHEMICAL HISTORY

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

I start the new year with what has become a tradition for me, that is a look at the chemistry of one hundred years ago as revealed by a perusal of Volume XXIII of the Annual Reports on the Progress of Chemistry for 1926 of The Chemical Society – the one in Britain, so secure in its primacy that it doesn't bother to add a national description to its name! Well, this volume certainly has a distinguished list of contributors including F. W. Aston, W. L. Bragg, W. N. Haworth, and C. K. Ingold.

The introduction to the section on general and physical chemistry highlights several topics including entropy, electrification at surfaces, kinetics in solutions of electrolytes, and optical activity and mutarotation. The concept of entropy as something that can be given a numerical value begins with articles by G. N. Lewis and G. E. Gibson in 1917 and 1918. Tests of Nernst's third law of thermodynamics have supported its validity through examinations of both supercooled amorphous, and crystalline states of several alcohols: the supercooled forms all have greater entropies than the crystalline forms as absolute zero is approached. The molecules of polyatomic gases may have vibrational and rotational energies that must be included in calculations of their entropies. Tolman has applied this idea to the entropy of hydrogen, the only gas for which these energies are calculable, and finds good agreement between experimental and theoretical values of entropy at temperatures approaching 0 K. W. M. Latimer and R. M. Buffington have for the first time calculated the sum of the entropies of inorganic ions in aqueous solution and very low concentrations. To obtain individual values they arbitrarily set the value for the hydrogen ion at zero.

There have been continuing tests of the validity of the Debye-Hückel theory of strong electrolytes. These tests include variations of the dielectric constants of the solvent; changing temperature; non-aqueous solvents; and high concentrations. In all cases there is good agreement between the experimental results and those predicted by the theory.

Another area of interest was the degree of hydration – the number of attached water molecules – of various ions in aqueous solutions. The method used was distribution experiments, namely that if ions combine with water the amount of "free water" left to combine with another substance is lessened. A problem with this method is that nitrates and chlorates were found to have negative hydration values – an observation that is hard to explain.

Several studies of the kinetics of reactions in solution have been reported. In the termolecular reaction between tin(II)chloride and iron(III) chloride there is a strong positive salt effect. Bivalent cations have twice the effect of univalent cations; at high salt concentrations the reaction becomes bimolecular. In reactions between ions and neutral molecules, including ionic catalysis, activities play a major role. The rate of conversion of N-chloroacetanilide to p-chloroacetanilide is proportional to the activity product of the HCl catalyst. A similar relationship has been shown in the addition of HCl to quinone; and in reactions between formic acid and bromine or iodine.

The Helmholtz concept of an electric double layer at electrified surfaces, that is two layers of opposite charges at a fixed distance apart, has long been realized as a considerable over-simplification. Newer theories have been postulated including the most plausible, that is a condensed double layer near the surface of separation and beyond that a diffuse layer of ions.

THIS MONTH IN CHEMICAL HISTORY (continued)

However experimental measurements of the potential difference give inconsistent results among different experimental methods.

Now we turn to inorganic chemistry. Most striking are claims of transmutation of elements! Other important areas of study are the hydrides of boron; the discovery of element 61; and the effects of intensive drying.

In atomic weight studies flotation experiments with samples of boric oxide prepared from boron minerals from different parts of the world indicate atomic weights of boron varying from 10.788 to 10.847.(This is a genuine variability due to isotope effects on hydrogeological processes. HG). Similar experiments on silicon show no such variability. Different values of the atomic weight of lead have been found between samples of "ordinary" lead and lead extracted from the mineral uraninite from South Dakota. The high lead/uranium value in this mineral gives it an age of 1.5 billion years.

A new method of detecting low concentrations of helium has suggested that hydrogen can be transmuted into helium! It involves removing condensable gases by adsorption on cooled charcoal; burning residual hydrogen with oxygen over a platinum catalyst; adsorbing excess oxygen on charcoal; and observing any residual gas spectroscopically. Quantities of He as low as 10^{-9}ml (at stp) are detectable. When hydrogen completely free from helium is passed over heated palladium traces of helium are found in the issuing gas

To be continued...

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Do you need to reach over 6,000 chemists in the tri-state area to inform them of your products/services to grow your business?

The Indicator offers an affordable option for your marketing campaign – a ¼ page full-color advertisement costs only $200 / month ($1500/yr). Your ad can be published within two-weeks of receipt. Your advertisement will be seen on the first of the month by each member of the New York and North Jersey ACS. Semimonthly emails to these memberships will also include your advertisement ensuring full coverage of your potential clients

Contact our Ad Sales Manager for more details

January Calendar

NORTH JERSEY SECTION

Thursday, January 22, 2026
NMR Topical Group
See page 15

Wednesday, January 28, 2026
Executive Committee Meeting
See page 14

SAVE THE DATE

Wednesday, February 25, 2026
Executive Committee Meeting
See page 14

NEW YORK SECTION

Saturday, January 24, 2026
Sectionwide Conference
See page 8

Friday, January 30, 2026
Biochemical Topical Group Poster Session
See page 10

Tuesday, February 10, 2026
Long Island Subsection
See page 11

Thursday, February 12, 2026
Westchester Chemical Society
See page 12

SAVE THE DATE

Friday, April 10, 2026
William H. Nichols Distinguished Symposium and Medal Presentation Ceremony
See page 13

Ad Index

NEW YORK SECTION CHAIR'S MESSAGE

Dear ACS New York Local Section Members,

I'm honored and proud to serve as Chair of the American Chemical Society New York Section for 2026. My deep passion for chemistry and all sciences, has inspired me over the years to continue to volunteer my time to be a part of one of the largest ACS sections nationally. From a student to a professional in industry, I see the importance for us all to give back in service to support the growing generations in STEM and ensure we are setting the foundation and pathways for your future chemistry leaders. This is the important mission I am proud to continue to support as Chair of this section and embed ourselves even more deeply with the communities we serve.

That being said, we are doing this work in a time of profound change. The world around us is moving quickly—marked by transformation, technological disruption, and volatility. In this environment, our community's commitment to science, integrity, and service matters more than ever. We will turn uncertainty into opportunity: focusing our efforts where chemistry can have impact, supporting members where they need most, providing opportunities, and elevating practical collaboration that benefits society and the community around us.

With this we will continue shaping the future of our Section by building on the strong foundation laid by past Chairs and creating strategies that future leaders can carry forward and evolve. Together, we can ensure the NY Section remains a vibrant, forward-looking community. As we look ahead into 2026, I remain deeply focused and excited to strengthen the connections between industry and academia—bridging perspectives, accelerating collaboration, and expanding opportunities for chemists across all stages of their careers and studies. I also look forward to leaning into the digital future—embracing new tools, platforms, and approaches that help us engage more effectively, communicate more broadly, and deliver greater value to our members and communities.

Thank you for the opportunity to serve. I'm excited for the year ahead and for everything we'll accomplish together and years to come.

Regards,

Joe

NEW YORK SECTION MEETINGS

http://www.newyorkacs.online

BOARD MEETING DATES FOR 2026

The dates for the Board Meetings of the ACS New York Section for 2026 have been selected and approved. Please note, the meeting date has changed to Wednesday and all meetings may be joined virtually except for the Nichols Symposium.

The meetings are open to all – everybody is welcome, but an RSVP for in-person attendance is required 5 days before the meeting, the Friday before the Wednesday meeting. All members who would like to attend any of the meetings should inform the New York Section office by emailing Ms. Bernadette Taylor.

All 2026 Board Meetings will be held as hybrid meetings from the CUNY Graduate Center (directions). New York ACS Chair Mr. Joseph Wiener will Chair all meetings. The meetings will start at exactly 6:30 PM.

The board meetings dates are, as follows:

Saturday, January 24, 2026 (in person)
New York ACS Section-wide Conference at Iona University
Wednesday, February 25, 2026 (hybrid)
Wednesday, April 1, 2026 (hybrid)
Friday, April 10, 2026 (in person only)
William H. Nichols Symposium and Medal Award Presentation at St. John's University.
Wednesday, June 10, 2026 (hybrid)
Wednesday, September 9, 2026 (hybrid)
Wednesday, November 4, 2026 (hybrid)

More information will be posted in future monthly issues of *The Indicator* and on the New York ACS website.

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.

2026 NEW YORK ACS SECTIONWIDE CONFERENCE

The New York ACS is proud to announce that ACS President Rigoberto Hernandez will highlight this year's Sectionwide Conference with remarks on the 150th Anniversary of the American Chemical Society. As you can see from the agenda on the following page, the Sectionwide Conference is filled with events to honor our outgoing Chair and plan for next year's leadership, honor our Outstanding Service Awardee, celebrate excellence in professional chemical education, honor our long-standing members and celebrate our youngest chemical researchers, and present the inaugural Marie Maynard Daly Award. We hope you will find the time to join us in this year's celebration.

Date: **Saturday, January 24, 2026**
Place: Iona University's New Rochelle Campus (directions)
La Penta School of Business (#7 on this PDF map)
Time: 10:00 AM – 1:00 PM
Registration is free

ACS Local Section New York

2026 SECTION-WIDE CONFERENCE
CELEBRATION 150 YEARS OF ACS
SATURDAY, JANUARY 24, 2026, 10:00am – 1:00pm
Iona University
New Rochelle, NY

PROGRAM

09:30 AM	**Continental breakfast will be available.**	
10:00 AM	**GREETINGS FROM THE ACS NEW YORK SECTION 2026 CHAIR**	**Mr. Joseph Wiener** PepsiCo.
10:10 AM	**GREETINGS FROM THE DEAN OF IONA UNIVERSITY**	**Dr. Joseph Stabile** Iona University
10:15 AM	**PRESENTATION OF CANDIDATES FOR THE 2026 ELECTIONS**	**Mr. Joseph Ulichny** Columbia University 2026 Chair Elect ACS NY Section
10:25 AM	**AWARD PRESENTATIONS**	
	Service Plaque and Pin to the 2025 ACS New York Section Chair	**Dr. Eric Chang** Pace University
	ACS New York Section Outstanding Service Award	**Dr. Kathleen Kristian** Iona University
	Outstanding Chemistry Faculty Teaching Award Division: Four-Year University with Graduate School	**Dr. Stanislaus Wong** Stoney Brook University
	Outstanding Chemistry Faculty Teaching Award Division: Four-Year Undergraduate College and University	**Dr. Elmer-Rico Mojica** Pace University
	Outstanding Chemistry Faculty Teaching Award Division: Two-Year College	**Dr. Moni Chauhan** Queensborough Community College
	Outstanding Full-Time Lecturer and Instructional Faculty Teaching Award	**Dr. Julia Robinson-Surry** NYU Tandon School of Engineering
	Nichols Foundation High School Chemistry Teacher Award	**Ms. Khrisna Alvarez** Midwood High School at Brooklyn College
	Recognize NYACS Senior Chemists (50, 60, & 70 year members)	**Presented by Mr. Frank Romano** Agilent Technologies
	Recognize NYACS ChemLuminary Awardees	**Presented by Mr. Joseph Wiener**
10:55 AM	**PROJECT SEED** Presentations by NY Section Project SEED Students Students to give live presentations	**Nadia Makar, STEM Supervisor** Jose Marti Stem Academy
11:20 AM	**150 YEARS OF ACS**	**Dr. Rigoberto Hernandez** President of ACS
11:35 AM	**MARIE MAYNARD DALY VIDEO**	
11:45 AM	**PRESENTATION OF MARIE MAYNARD DALY AWARD**	**Maria Contel** Brooklyn College CUNY
11:50 PM	**KEYNOTE LECTURE: MMD Award winner**	**Dr. Angel A. Marti** Rice University
1:00 PM	**CONCLUSION OF THE MEETING.**	

NEW YORK ACS BIOCHEMICAL TOPICAL GROUP

ACS Chemistry for Life®

NEW YORK AMERICAN CHEMICAL SOCIETY
BIOCHEMISTRY TOPICAL GROUP PRESENTS:

GRADUATE BIOCHEMISTRY POSTER SESSION

Honoring 150 Years of the ACS

January 30th, 2026	CUNY Graduate Center	9:00 AM- 4:00 PM

ABSTRACTS DUE: JANUARY 12TH, 2026

QUESTIONS?

CONTACT DR. LESLEY DAVENPORT OR DR. PAMELA KERRIGAN

PAMELA.KERRIGAN@UMSV.EDU
LDVNPORT@BROOKLYN.CUNY.EDU

LONG ISLAND SUBSECTION

ACS Local Section
New York
Long Island Subsection

History and Chemistry of Mirror Through the Centuries

Dr. Paris Svoronos
Professor (Retired)
Department of Chemistry
Queensborough Community College

Tuesday, February 10th, 2026
6:30-7:30 PM on Zoom
Register to receive the Zoom link:
https://suny-ow-edu.zoom.us/meeting/register/e_tKbLBMTTud7pX7ysR9UA

Abstract: The concept of mirror has been adopted by humans since the early history of ancient civilizations. The various ways of image reflections will be presented throughout the many societies over the centuries with emphasis on the social, artistic, religious as well as the various ways of mirror manufacture.

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). He has served Long Island Subsection of the American Chemical Society (LI-ACS) as its Chair (2002), Director-at-Large and Secretary. 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 chairs the ACS-Long Island Section Frances Sterrett Environmental Symposium held annually at Hofstra University. He has served MARM as co-General Chair (2008, QCC), co-Program Chair (2016, Mount St. Vincent), the poster co-chair (2023, CUNY, New York) as well as an ACS-General Chemistry Test Committee member (2018-2021).

Presented by the Long Island Subsection of the American Chemical Society

Deadline for submitting articles and advertisements for the February issue is January 16, 2026

WESTCHESTER CHEMICAL SOCIETY

The Critical Attributes of Tunable Lactide/Glycolide Polymers That Drive The Performance of Long-Acting Injectables

Speaker: **Tom Tice, Ph.D.**
Senior Director, Global Strategic and Technical Marketing
Evonik Corporation
Date: **Thursday, February 12, 2026**
Place: via Zoom
Time: **7:30 PM**

Download flyer here

Abstract: There are a small number of established pharmaceutical excipients that will continue to be cornerstones of drug formulation for the foreseeable future. Lactide/glycolide polymers (PLG polymers) are members of this unique group of proven excipients. PLG polymers have a long safety record with many inherent properties that make them particularly advantageous for complex parenteral drug products such as long-acting injectables, including microparticle, implant and in situ forming dosage forms. PLG polymers are exceptional in that their properties can be precisely tuned to achieve desired formulation performance for systemic or local delivery of all classes of drugs - including small molecules, peptides, proteins and nucleic acids - for durations of weeks and months. Although PLG polymers were invented over 90 years ago and have been used in medical products for over 50 years, their utility is sometimes overlooked and not fully appreciated. The goal of this presentation is to educate formulators - especially the next-generation of formulators - on the extraordinary value of PLG polymers because understanding PLG critical attributes helps formulators specify the PLGs they would like synthesized by their PLG suppliers. In addition to long-acting dosage forms, future PLG-based products like polymeric nanoparticles for immunotherapy will be discussed as well the newly published PLG monographs and PLG nomenclature.

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Biography: Thomas R. Tice, PhD, Senior Director, Global Strategic and Technical Marketing, Evonik Corporation, provides scientific support to Evonik's product development, sales, M&A, and intellectual property teams. Dr. Tice is internationally recognized for his research and drug product development in the field of drug delivery. He has lectured on the topic throughout the world. His specialties include complex parenteral dosage forms formulated with bioabsorbable polymers. He has 47 years of experience developing long-acting injectable microparticles and implants made with bioabsorbable lactide/glycolide polymers. He is one of the inventors of the first commercial, bioabsorbable long-acting injectable microparticle product. Dr. Tice holds 49 US patents and has more than 230 publications, presentations and invited lectures to his credit. He has served on United States Pharmacopeia expert committees for 20 years dedicated to improving global health through setting pharmaceutical standards. He is presently serving on the General Chapters Dosage Forms Expert Committee, Excipients Nomenclature and Labeling Joint Subcommittee and LG Polymers Joint Subcommittee. In 2025, Dr. Tice received USP's highest award, the Beal Award, for distinguished volunteer service.

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2026 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM & AWARD PRESENTATON

FRONTIERS IN MATERIALS CHEMISTRY AND ENERGY INNOVATION

A distinguished symposium honoring

Professor Mercouri Kanatzidis
Northwestern University

for transformative work in halide-perovskite solar cells

Date: Friday, April 10, 2026
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

2026 William H. Nichols Award Address

How Halide Perovskites Expanded the Frontiers of Photovoltaic Solar Energy
Professor Mercouri Kanatzidis, 2026 Nichols Medalist, Northwestern University

The discovery of halide perovskite materials as exceptional solar-absorbing semiconductors stemmed from the drive to develop more stable, all-solid-state dye-sensitized solar cells. What began as a modest goal led to far more than anticipated, resulting in the emergence of a remarkable new class of photovoltaic devices. Three-dimensional (3D) and two-dimensional (2D) halide perovskites have become standout semiconductors in recent years, known for their excellent carrier lifetimes and structural adaptability. Yet, the roles of Pb^{2+} and Sn^{2+} ions, along with the impact of organic spacer cations on structure and performance, remain areas that demand deeper investigation. Meanwhile, perovskitoids, a related but structurally distinct class of materials, offer expanded design flexibility through even richer structural and compositional diversity. Recent studies have shown that certain organic cations can stabilize these frameworks effectively. This presentation will explore the latest findings on structure–property relationships in halide perovskites and perovskitoids, providing practical insights into the rational design and integration of organic spacers in crystalline semiconductors and optoelectronic devices.

NORTH JERSEY SECTION MEETINGS

2026 NORTH JERSEY ACS EXECUTIVE COMMITTEE MEETINGS

2026 North Jersey ACS Chair Mohammed R. Elshaer and the Executive Council welcome you to our monthly NJACS meetings. The meetings are normally held on the fourth **Wednesday from 6:30 pm to 8:30 pm.** All members are welcome to attend and become more involved in section activities. The initial dates for 2026 are, as follows:

Wednesday, January 28, 2026 (virtual)
Wednesday, March 25, 2026 (virtual)
Wednesday, May 20, 2026 (hybrid)
Wednesday, February 25, 2026 (virtual)
Wednesday, April 22, 2026 (hybrid)
Wednesday, June 17, 2026 (hybrid)

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

US NATIONAL CHEMISTRY OLYMPIAD REGISTRATION OPEN

ACS USNCO
U.S. National Chemistry Olympiad

The 2026 U.S. National Chemistry Olympiad (USNCO) is currently encouraging all interested students to have a parent or guardian register them on the ACS portal at**:** **https://usncoreg.acs.org**

Students will take the Local Qualifying Exam at participating schools between **Saturday, February 28, and March 16, 2026**. The registration period for students will end on **Friday, February 27, 2026**.

The Local Section exam must be administered in person with proctors and students onsite. All exams will be in paper format. Teachers interested in participating in the Olympiad, please register your school with the North Jersey Section coordinator, Bettyann Howson, using the Google link: **https://forms.gle/8aYCSK2VULZEVa9J9**. Additional information will be distributed through the contact teacher at each school. Information about the competition is also on the ACS USNCO exam preparation page.

NORTH JERSEY ACS NMR TOPICAL GROUP

ACS Local Section North Jersey

On the effects of differential scalar relaxation and chemical exchange in perfect echo NMR spectroscopy of AX spin systems

Speaker: **Gennady Khirich**
Associate Principal Scientist
Merck

Date: **Thursday January 22nd, 2026**

Time: 12:00 pm ET via Microsoft Teams

Abstract:
Spin echoes (SE) refocus chemical shift evolution in weakly coupled homonuclear AX spin systems but leave scalar coupling evolution intact, leading to contamination of the in-phase (IP) echo with anti-phase (AP) coherence. In contrast, the so-called perfect echo (PE), which consists of two SEs flanking a central 90° pulse, can minimize the contribution of AP coherence at the echo, with complete refocusing of homonuclear scalar coupling evolution expected in AX systems based on product operator analysis. However, this precludes the consideration of the effects of differential scalar relaxation (DSR) from the interconversion of IP and AP coherences during a PE or a train of PE echoes (PE-CPMG). In this work, the effects of DSR on an AX spin system subject to a PE or PE-CPMG are considered, and the resulting theoretical spin dynamics are discussed. Exact analytical expressions characterizing the IP and AP coherences of each spin as a function of PE time τ_{PE} are derived for a single PE and show relaxation-induced oscillations (RIOs) superimposed onto the decay envelopes of IP coherences along with the concomitant generation of AP coherence, even when pulses are assumed to be ideal, instantaneous, and on-resonance for both spins. Numerical simulations reveal that oscillations in the decay envelop may persist under a PE-CPMG, and that the relaxation of the IP coherences is sensitive to pulse sequence timing in terms of both the repetition rate $1/T_{PE}$ and total relaxation period. In general, rapid pulsing quenches the AP components and slows down relaxation, though RIOs persist. Notably, specific values of $1/T_{PE}$ termed dispersion resonances – result in effectively decoupled and non-oscillatory IP decay profiles. We extend our analysis to an AX system undergoing a global two-state exchange process. In direct analogy to DSR, differences between $R_{ex,I}$ and $R_{ex,S}$ – each spin's exchange-induced relaxation enhancements – may induce oscillations in the IP decay profiles and concomitantly generate AP coherence. Moreover, each spin's effective relaxation enhancement is shown to depend on both $R_{ex,I}$ and $R_{ex,S}$. The analysis of the spin dynamics reported here may be of interest in the further understanding, development, and optimization of PE and PE-CPMG-based pulse sequences, particularly those intended to be used for the accurate measurement and quantification of the underlying dynamics of a homonuclear AX systems undergoing chemical exchange.

Connection Information

This will be a virtual meeting hosted via Microsoft Teams. A Link will be posted closer to the date. Further information can be found on the NMR Topical Group website.

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

Presented by the NMR Topical Group - North Jersey ACS

MEETING REPORTS

LONG ISLAND SUBSECTION CONCLUDES YEAR WITH NEW LEADERSHIP AND LECTURE ON LEAD CHEMISTRY

New York ACS' Long Island Subsection (LI-ACS) celebrated the end of the year with its final board meeting and annual holiday party on Thursday, December 11th, at Nassau Community College. The event combined business with a fascinating lecture and a festive dinner, attended primarily by members of the local section.

The board meeting marked a transition in leadership, including the official welcome of Dr. Ruomei Gao as the Subsection's Chair for 2026. Dr. Carlos A. Sanhueza (pictured at left (center)) was presented with a plaque thanking him for his service as chair. Key elections were also held to determine the future leadership of the LI-ACS. The following members were elected to their respective posts:

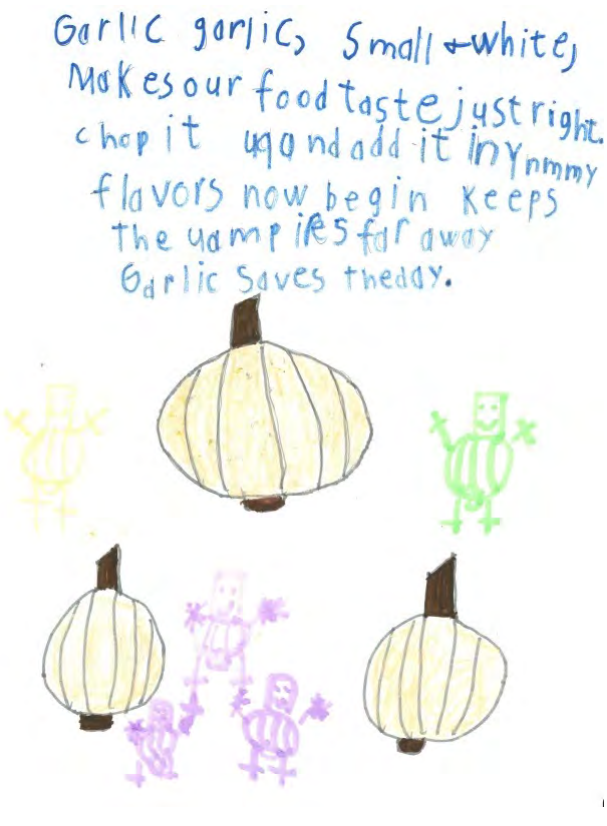
- Chair-Elect 2027: Dr. Shanzhi Wang (St. John's University)
- Treasurer: Mr. Frank Romano (Agilent Inc.)
- Directors at Large: Dr. Ronald D'Amelia (Hofstra University) and Dr. Enju Wang (St. John's University)

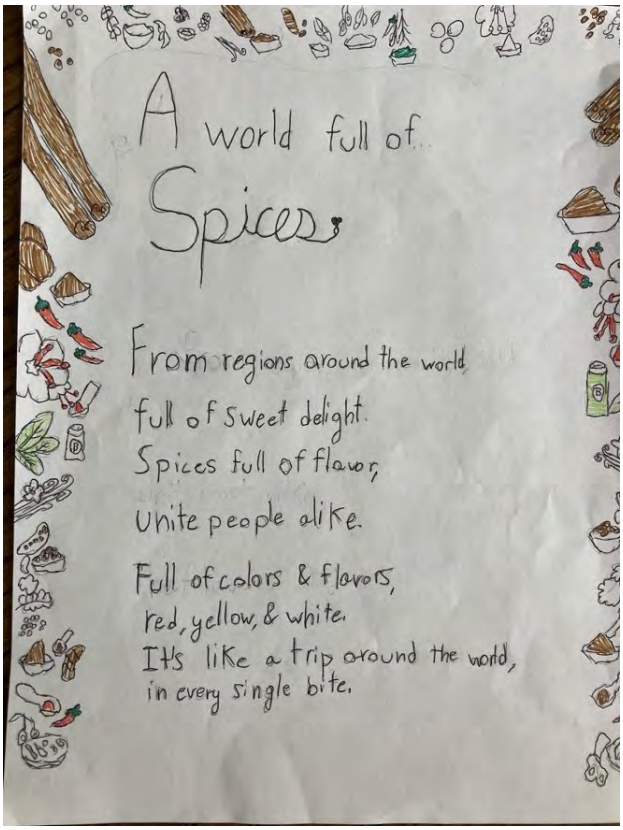
The Subsection extends its gratitude to the outgoing board members and congratulates the incoming officers on their commitment to serving the local chemical community.

Following the successful conclusion of the board meeting, attendees were treated to a combined dinner and lecture presentation. The evening's speaker was Dr. Paris Svoronos, retired professor from Queensborough Community College, who delivered an engaging lecture titled *History and Chemistry of Lead* (pictured above at right). The presentation provided a detailed look at the element's role throughout history and its chemical significance.

Members enjoyed a social evening and a catered Italian dinner during the lecture, providing a relaxed opportunity for networking and celebrating the close of a productive year for the Long Island Subsection.

NORTH JERSEY ACS NATIONAL CHEMISTRY WEEK POEM CONTEST RESULTS





Grades K-2
1st place: "Garlic"
S.C.
Girl Scout Troop 80268
Edison, NJ

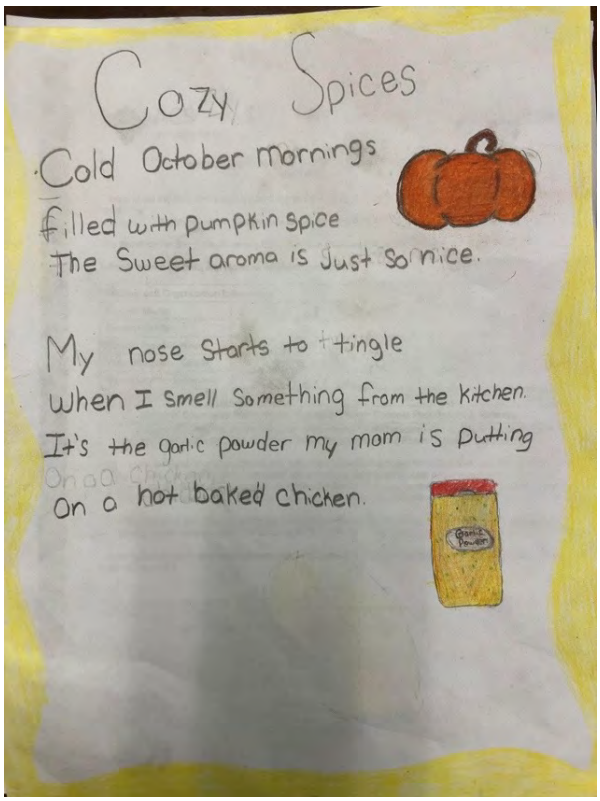
Grades 3-5
1st place: "World Full of Spices"
Z.J.
Unity Charter School
Morristown, NJ

The North Jersey Section had a GREAT year with the ACS Illustrated Poem Contests for students from Kindergarten through 12th Grade. As part of our Section's Chemists Celebrate Earth Week (CCEW) celebrations, we had many Local Section winners and a North Jersey Section student earned 1st Place in the National Grades 9 - 12 Category!

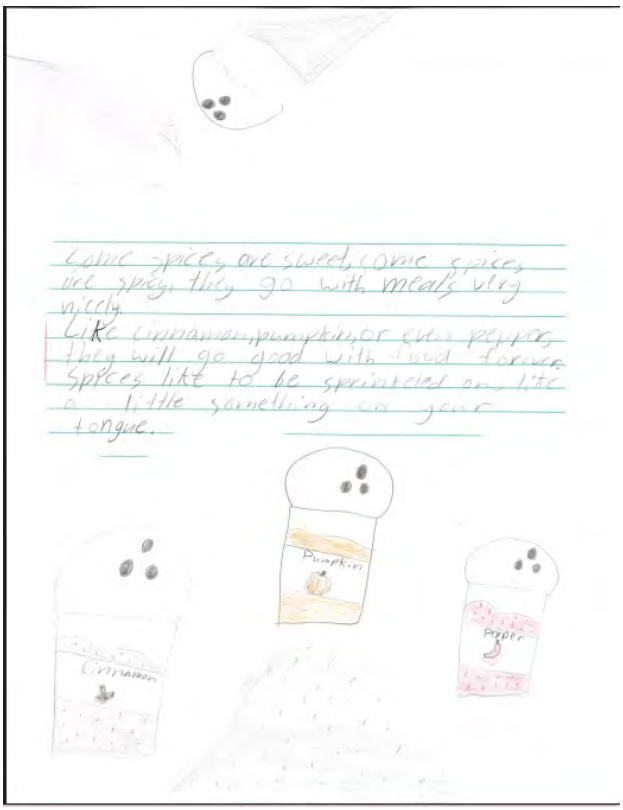
We are happy to report that our students continued their success on the Local and National levels! Presented here are the local winning poems for the North Jersey Section National Chemistry Week (NCW) Illustrated Poem Contest, with a special congratulations to our National Winner who earned 1st Place in the Grades 6 – 8 Category!

All participating teachers, mentors, parents and students are heartily congratulated for taking part in our Illustrated Poem Contests. For more information, please keep an eye on the Indicator for details on the next contests. Contests are by local section, so if you are a member of another ACS Local Section, please contact your home section for more information on participating!

NORTH JERSEY ACS NATIONAL CHEMISTRY WEEK POEM CONTEST RESULTS (continued)



Grades 3-5
2nd place: "Cozy Spices"
M.C.
Unity Charter School
Morristown, NJ

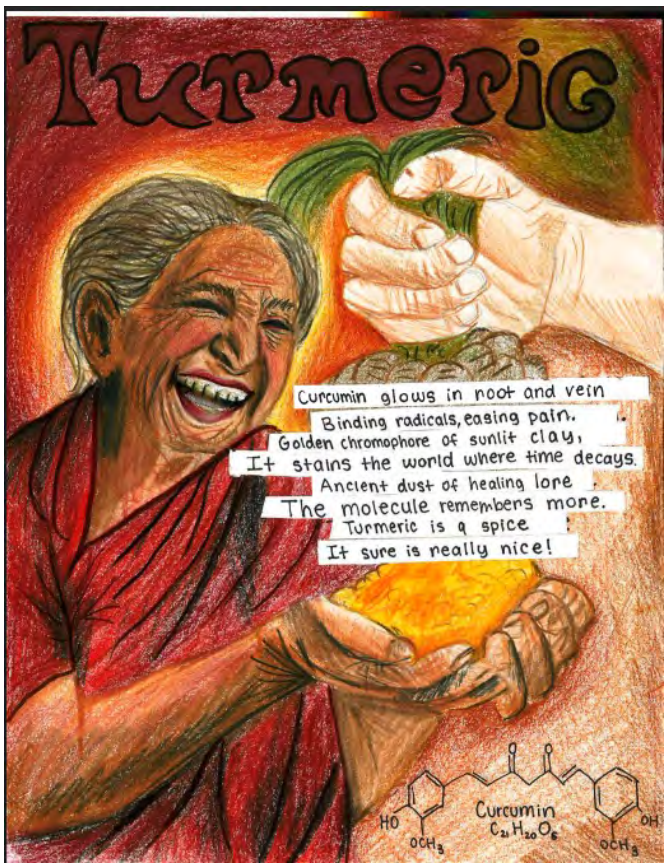


Grades 3-5
3rd place: "Spice"
M.A.
Girl Scout Troop 80268
Edison, NJ

Grades 6-8
2nd place: "Saffron"
B.C.
Kent Place School
Summit, NJ

NORTH JERSEY ACS NATIONAL CHEMISTRY WEEK POEM CONTEST RESULTS (continued)

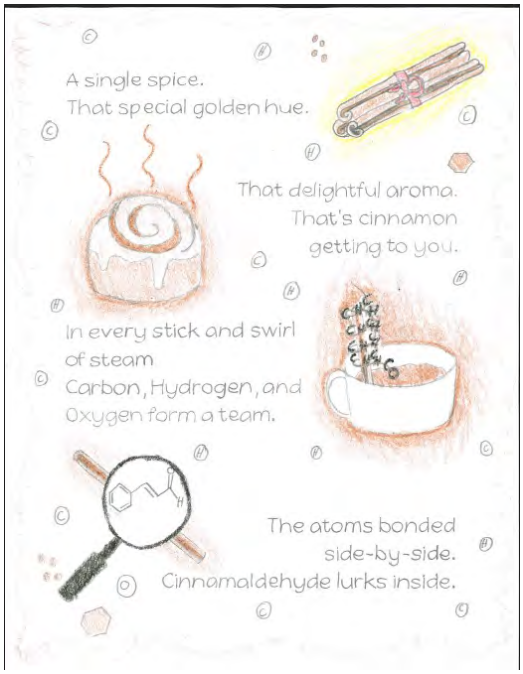
Grades 6-8
1st place: "The Hidden Life of Spices"
A.K.
Kent Place School
Summit, NJ



Grades 6-8
3rd place: "Turmeric"
C.Z.
Kent Place School
Summit, NJ

NORTH JERSEY ACS NATIONAL CHEMISTRY WEEK POEM CONTEST RESULTS (continued)

Grade 9-12
1st place: "Capsaicin"
R.S.
Highland Park HS
Highland Park, NJ



Grade 9-12
2nd place: "A Single Spice"
A.E.
Highland Park HS
Edison, NJ

Grades 9-12
3rd place (tie): "Spice Haikus"
H.X.
Tenafly HS
Tenafly, NJ

Grades 9-12
3rd place (tie): "A Turmeric Limerick"
C.Z.
Tenafly H.S.
Tenafly, NJ

CALL FOR NOMINATIONS

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

LEO HENDRIK BAEKELAND AWARD

Call for nominations: 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**).

WALLACE H. CAROTHERS AWARD

The American Chemical Society, Delaware Section, seeks nominations for the 2025 Wallace H. Carothers Award, which recognizes outstanding contributions and advances in industrial applications of chemistry. The award includes a $2,000 cash prize and a sculpture. Nominations should include:

- A résumé, summary of scientific achievements
- A list of honors and awards with the dates received and the organizations conferring them
- A list of publications

Email materials to Peter Gildner at peter.gildner@fmc.com. The deadline for nominations is **January 15, 2026**.

MARM AWARDS FOR 2026

STANLEY C. ISRAEL REGIONAL AWARD FOR ADVANCING DIVERSITY IN THE CHEMICAL SCIENCES

Recognizes individuals and/or institutions who have advanced diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the region. This award is sponsored by the ACS Committee on Minority Affairs.

DUE MARCH 1, 2026

Learn more

WILLIAM "BILL" SUITS UNDERGRADUATE MIDDLE ATLANTIC REGION AWARD FOR OUTSTANDING STUDENT VOLUNTEER SERVICE TO THE ACS

Recognizes an outstanding undergraduate student who has provided exemplary volunteer service in the Mid-Atlantic Region of the ACS. Academic records, volunteer service in the region, and a student's application statement will be considered.

DUE MARCH 1, 2026

Learn more

E. ANN NALLEY REGIONAL AWARD FOR VOLUNTEER SERVICE TO THE AMERICAN CHEMICAL SOCIETY

Recognizes the volunteer efforts of individuals who have served the American Chemical Society, contributing significantly to the goals and objectives of the Society through their regional activities.

DUE MARCH 1, 2026

Learn more

E. EMMET REID AWARD IN CHEMISTRY TEACHING AT SMALL COLLEGES IN THE ACS MIDDLE ATLANTIC REGION

Recognizes, encourages and honors high quality and outstanding achievements in teaching and research at small colleges in Middle Atlantic Regional Meeting (MARM) of the American Chemical Society. Nominations for the Award are made by the Local Sections of the Middle Atlantic Region.

DUE MARCH 1, 2026

Learn more

ACS DIVISION OF CHEMICAL EDUCATION (CHED) REGION AWARD FOR EXCELLENCE IN HIGH SCHOOL TEACHING

Recognizes, encourages, and stimulates outstanding teachers of high school chemistry in the Middle Atlantic Region. The Region Award consists of a cash award and a plaque. The nominee must be actively engaged in the teaching of chemistry or a chemical science in a high school (grades 9-12) on at least a half-time basis.

DUE March 1, 2026

Learn more

OPPORTUNITIES

For High School Students and Teachers

ACS-HACH Professional Development Grant
Due January 21, 2026

For Undergraduates

ACS Student Communities Engagement Grant
Open deadline

ACS Student Communities Inclusion Grant
Open deadline

I.M. Kolthoff Enrichment Award
Due January 12, 2026

MIT Summer Research Program
Due January 20, 2026

Click here for a website full of Summer REU Programs

For Graduate Students / Postdocs

ACS Division of Medicinal Chemistry Travel Grant
Due January 31, 2026

ACS Corporation Associates Seed Grant
Due February 1, 2026

ACS Division of Organic Chemistry Undergraduate Award
Due March 18, 2026

For Professionals

ACS Global Innovation Grant
Due January 10, 2026

Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy Travel Grant
Due January 12, 2026

Local Section Innovative Project Grant
Due January 15, 2026

Camille Dreyfus Teacher-Scholar Awards Program
Due February 3, 2026

2026 MARM Awards
Due March 1, 2026

ACS-PRF Grants
Due March 6, 2026

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

Chair, Department of Materials Science and Chemical Engineering – Stony Brook University

Apply here

Assistant Professor of Chemistry – Touro University

Apply here

Tenure Track Assistant Professor - Chemistry and Biochemistry– Seton Hall University

Apply here

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

Apply here

Assistant Professor, Computational and Structural Biology – Rutgers University

Apply here

Associate or Full Professor, Computational Materials Science – 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

Associate Dean of Natural and Social Sciences – Lehman College (CUNY)

Apply here

Industrial Positions

Grants and Finance Administrator – American Chemical Society

Apply here

R&D Analytical Chemistry Manager, KLA

Apply here

Principal Scientist, Complex Fluids & Surface – Vantage Specialty Chemicals

Apply here

Senior QC Specialist / QC Manager, Fragrance and Raw Materials – Osmo

Apply here

Senior / Principal Scientist, Material and Analytical Sciences – Boehringer Ingelheim

Apply here

Formulation & Analytical Chemist – Industrial Biocides – Prom Biocides

Apply here

Scientist in Radiation Chemistry – Brookhaven National Laboratory

Apply here

R&D Lab Technicians – PDI

Apply here

Senior Principal Scientist, Upstream R&D – Merck

Apply here

Principal Scientist, Drug Discovery – Merck

Apply here