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Calendar of Events

- December 6, 2023**
Science Café
- December 7, 2023**
NYACS Long Island Subsection
- December 9, 2023**
NJACS Executive Committee Meeting
- December 15, 2023**
US National Chemistry Olympiad
Registration Deadline
- SAVE THE DATE**
- January 20, 2024**
NYACS Sectionwide Conference

Sandra Keyser, Ph.D 2024 North Jersey ACS Chair

I am honored to be the Chair of the North Jersey Local Section! Our section is rich with opportunities to become an active member: our active topical groups, including Mass Spectrometry, NMR, Drug Metabolism, Teacher Affiliates, and Organic topical groups; committees, such as our Women Chemists, Younger Chemists, and Communications Committees; and outreach opportunities between Chemists Celebrate Earth Week, National Chemistry Week, Chemistry Olympiad, NJ Chemistry Olympics (NJCO), and Edison Day. The symposia, activities, lectures, poster sessions, outreach events, and meetings are all opportunities to network, learn, and engage with our scientific and non-scientific community. The success of our local section can be attributed to Justyna Sikorska, NJACS 2023 Chair and fearless leader, as well as our Executive Board! Thank you all for your hard work, your dedication, and amazing efforts!

Evidence of our success was supported by our several ChemLuminary nominations in 2023. NJACS was a finalist for 6 separate categories, including Best Activity or Program Stimulating Member Involvement, Outstanding AACT Support Award, Outstanding Engagement with K-8 Students, Outstanding Ongoing NCW event, Outstanding Project SEED Program Award, and Outstanding Performance by a Local Section. We were awarded the Outstanding AACT Support Award, and I'm looking forward to making our case for winning additional awards in the upcoming year!

[Read full Chair's Message here](#)

NORTH JERSEY SECTION MEETINGS

<https://www.njacs.org/>

NORTH JERSEY SECTION ACS ELECTION RESULTS

The North Jersey Section is pleased to announce the 2024 election results!

Chair-Elect: *Robert Menger*

Secretary: *Elizabeth (Bettyann) Howson*

2024-2026 Councilors: **Alan Cooper, Sandra Keyser, Amanda Peterson Mann**

2024-2026 Alternate Councilors: **Cecilia Marzabadi, Justyna Sikorska, Jasmine Lu**

Congratulations to our newly elected leaders for 2024!

2023 BAEKELAND AWARD ANNOUNCED

The North Jersey section of the ACS and the Baekeland Award Jury are pleased to announce that the 2023 Leo Hendrik Baekeland Award winner is Prof. [Keary Engle](#) of The Scripps Research Institute. Prof. Engle is being honored for his work in the catalyzed functionalization of alkenes and alkynes. The Baekeland Award will be presented at the Distinguished Symposium in his honor, which will be followed by the Baekeland Award Dinner. Further details about the Baekeland Symposium in 2024 will be featured in upcoming editions of the Indicator and on the [NJACS website](#).



[Read more about Prof. Engle here](#)

A promotional banner for the US National Chemistry Olympiad. On the left is a cartoon bear wearing a blue hat with stars and stripes, green goggles, and a white lab coat, pointing forward. The background is dark blue with faint chemical structures and formulas like OH-OH, H2O, and H2O2. The text "I WANT YOU" is written in large, bold, red and blue letters. Below it, "for the U.S. National Chemistry Olympiad" is written in red. At the bottom, the website "www.acs.org/olympiad" and the hashtag "#USNCO" are displayed. The ACS logo and "Chemistry for Life" tagline are in the top right corner, along with "AMERICAN CHEMICAL SOCIETY".

US NATIONAL CHEMISTRY OLYMPIAD – REGISTER BY DECEMBER 15th

The North Jersey and New York Sections of the American Chemical Society, I invite your school to participate in the 2024 U.S. National Chemistry Olympiad (USNCO). This program is a multi-tiered competition at the local, national, and international levels that promotes excellence in high school chemistry. Click below to learn how to participate in this year's event.

[North Jersey ACS](#)

[New York ACS](#)

NEW YORK SECTION MEETINGS

<http://www.newyorkacs.online>

BOARD MEETING DATES FOR 2024

The New York ACS Board Meeting dates are given below. The meetings will be chaired by Prof. Ping Furlan and held at the US Merchant Marine Academy Library Crabtree Conference Room starting at 6:30PM. These meetings are open to all, but an RSVP is required.

2024 SECTIONWIDE CONFERENCE KEYNOTE SPEAKER DR. RAYCHELLE BURKS

The New York ACS's Sectionwide Conference will be held at St. John's University on Saturday, January 20, 2024 from 9:30AM to 1:00PM. Come help your colleagues plan our events for 2024 as we honor excellence in teaching and service.



The keynote address will be presented by Dr. Raychelle Burks, a.k.a. @DrRubidium, of American University.

[Download Program here](#)

[Read more about Dr. Burks here](#)

Saturday, January 20, 2024 (in person)
Sectionwide Conference

Monday, February 12, 2024 (virtual)

Monday, March 11, 2024 (hybrid)

Friday, April 12, 2024 (in person)

William H. Nichols Symposium and Medal Award Dinner at the Sonesta Hotel, White Plains, NY.

Monday, June 10, 2024 (hybrid)

Monday, September 16, 2024 (hybrid)

Monday, November 25, 2024 (hybrid)



2024 SECTION-WIDE CONFERENCE
SATURDAY, JANUARY 20, 2024, 10:00am – 1:00pm
Ballroom DAC-416A at St. John's University, Jamaica, NY

Registration is free for this In-Person Event! [Click here to register](#)

PROGRAM

09:30 AM	Continental breakfast will be available	
10:00 AM	ACS, NEW YORK SECTION COMMITTEE PLANNING SESSIONS FOR 2024. Educational Activities: Chair: Dr. Alison G. Hyslop Chemagination, Chemists Celebrate Earth Day, Continuing Education, High School Chemistry Olympiad, National Chemistry Week, Nichols Foundation High School Teacher Award, Project SEED, Student Membership, Student Award Recognition Member Affairs: Chair: Dr. Joseph M. Serafin ACS Fellows, Awards, Employment and Professional Relations, History of the New York Section, Indicator, Membership, Outstanding Service Award, Minority Affairs Program Review: Chair: Dr. Anne T. O'Brien; Dr. Rolande Hodel, Westchester Subsection Chair, presiding Subsection and Topical Discussion Group Chairs Public Affairs: Chair: Dr. Robert P. Nolan Academe and Industrial Relations, Environmental Chemistry, Fund Raising, Government Affairs, Information Technology, Public Relations, Speakers Bureau	
10:40 AM	REPORTS FROM THE CHAIRS OF THE COMMITTEE PLANNING SESSIONS	
10:50 AM	GREETINGS FROM THE ACS NEW YORK SECTION 2024 CHAIR	Dr. Ping Furlan US Merchant Marine Academy
11:00 AM	AWARD PRESENTATIONS Service Plaque and Pin to the 2023 ACS New York Section Chair ACS New York Section Outstanding Service Award Outstanding Four-Year University with Graduate School Chemistry Faculty Teaching Award Outstanding Four-Year Undergraduate College and University Chemistry Faculty Teaching Award Outstanding Two-Year College Chemistry Teaching Award Nichols Foundation High School Chemistry Teacher Award	Dr. Mary Virginia Orna ChemSource, Inc. Dr. Joseph Serafin St. John's University To be announced To be announced To be announced Xue Qing Liang New Utrecht High School
11:35 AM	PRESENTATION OF CANDIDATES FOR THE 2024 ELECTIONS	Dr. Eric Chang Pace University 2024 Chair Elect ACS NY Section
11:45 AM	Break There will be poster presentations by New York Section Project SEED Students	
12:00 AM	KEYNOTE SPEAKER: Title: Abstract:	Dr. Raychelle Burks American University
1:00 PM	CONCLUSION OF THE MEETING: Join with colleagues for lunch at a local restaurant.	

SCIENCE CAFÉ**Opportunities and Challenges with AI**

Speaker: Wendy Cornell, Ph.D.
 Manager and Strategy Lead
 IBM Research Accelerated
 Discovery

Date: **Wednesday, December 6, 2023**

Place: Gianfranco Pizzeria and
 Restaurant
 88 Virginia Road
 North White Plains, NY 10603
 914-682-5655

Time: 5:30 PM Social and Snacks
 6:00 PM Talk and Discussion
 7:30 PM Option to Order Dinner

RSVP: By December 4th via [Email](#)

[Download flyer here](#)

**LONG ISLAND SUBSECTION****Holiday Party & Seminar**

Speaker: Dr. Paris Svoronos
 Professor Emeritus
 Queensborough Community College

Date: **Thursday, December 7, 2023**


Place: Nassau Community College
 CCB Building Room 252
 One Education Drive
 Garden City, NY 11530

Time: 6:00 PM

[RSVP here by December 4th](#)

[Download flyer here](#)

The Indicator is posted to the web 1ST of the month at
<http://www.theindicator.org/>



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MEETING REPORTS

NORTH JERSEY HOSTS SUCCESSFUL CHEMEXPO IN CELEBRATION OF NATIONAL CHEMISTRY WEEK 2023

Contributed by Lucas Koziol

In partnership with Liberty Science Center, the North Jersey chapter of ACS hosted the 29th annual ChemExpo on October 21, 2023 in celebration of National Chemistry Week. Over 2500 visitors came to the Liberty Science Center in Jersey City, NJ to engage in demonstrations centered on this year's theme of "the Healing Power of Chemistry" with student volunteers from colleges and high schools from all across New Jersey. Over 90 student volunteers represented their schools: Caldwell College, Drew University, New Jersey City University (NJCU), Ramapo College, Seton Hall University, and St. Peter's University, as well as Immaculata High School, JP Stevens High School, and Princeton International School of Mathematics and Sciences (PRISMS).

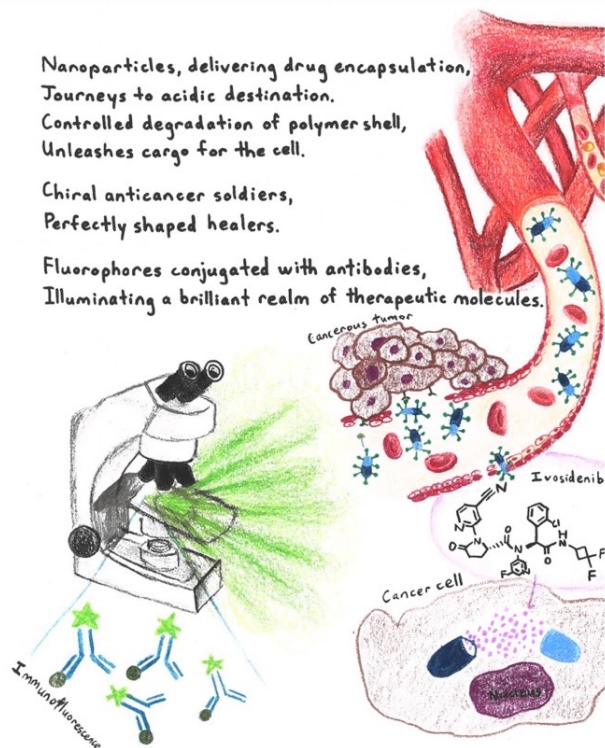
[Read more here](#)

NATIONAL CHEMISTRY WEEK ILLUSTRATED POEM CONTEST

The North Jersey and New York Local Sections congratulate the > 100 middle and high school students that participated in this year's Illustrated Poem contest for National Chemistry Week. The New York 1st place winner for grades 9-12 (shown at left below) placed 2nd nationally. Shown at right is the grades 6-9 1st place winner for the North Jersey Section.

[New York winners here](#)

[North Jersey winners here](#)



CALL FOR NOMINATIONS

WESTCHESTER CHEMICAL SOCIETY DISTINGUISHED SCIENTIST AWARD 2024 – CALL FOR NOMINATIONS

The Westchester Chemical Society is now accepting nominations for the "[WCS Distinguished Scientist Award 2024](#)". Scientists who live or work in Westchester or the Bronx qualify. 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 not carried over 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 **January 15, 2024** to Dr. Peter Corfield at pwrc@earthlink.net.

GRANT OPPORTUNITIES

GLOBAL INNOVATION IMPERATIVES (GII) GRANT

Up to \$25,000 to provide funding for a multi-day forum/conference that contributes to the resolution of global sustainability issues.

DUE DECEMBER 22, 2023

[Learn more](#)

LOCAL SECTION INNOVATIVE PROJECT GRANT

\$3,500 for a Local Section to conceive and implement innovative projects as well as maintain growth.

DUE JANUARY 15, 2024

[Learn more](#)

CORPORATION ASSOCIATES SEED GRANT

Supporting chemical sciences education, public education, and enhanced professionalism in chemistry. Grants up to \$5,000 are awarded.

DUE FEBRUARY 1, 2024

[Learn more](#)



PRESENTS

INTERNATIONAL HIGH SCHOOL STUDENTS RESEARCH SYMPOSIUM

Conducted under the American Chemistry Society's
LSAC/DEIR Grant Funding

SATURDAY | DECEMBER 2

SCALACS invites you to attend/participate in the virtual
International High School Students Research Symposium
Date: **Saturday, December 2, 2023**
Morning Session: **9:00 am to 12:00 noon Pacific Time**
Afternoon Session: **1:00 pm to 4:00 pm Pacific Time**
Topic(s): **Any area relating to STEM subjects**
Mode of Presentations:
Powerpoint via Zoom (15 minutes for each presentation)

Top six (6) presentations will be awarded US\$100 each as
determined by a panel of judges appointed by SCALACS.
Registration is free to all. To register, please visit
www.scalacs.org. **Registration closes on midnight of**
November 27, 2023. For more information, contact
SCALACS office at office@scalacs.org.

EVENT SPONSOR:  **LUMIERE
EDUCATION**
An organization founded by Harvard and Oxford PhDs with
the aim to provide high school students around the world
access to research opportunities with top global scholars.



FROM OUR PARTNERS**Chemistry Teachers and Physics Clubs of New York**

The School of Science at Manhattan College and the Chemistry Teachers and Physics Clubs of NY are proud to present a lecture entitled, as follows: Bionanotechnological and Biocomputational Approaches to Developing Tailored Peptide-Based Materials.

Speaker: Prof. Ipsita Banerjee
 Department of Chemistry
 Fordham University

Date: **Friday, December 8, 2023**
 Place: via Zoom
 Time: 8:00 PM

[Email for Zoom login](#)

**Royal Society of Chemistry**

ROYAL SOCIETY OF CHEMISTRY

Lessons in Chemistry:
 In conversation with the author Bonnie Garmus

5 December 2023, 7pm UK time

At the Royal Society of Chemistry, Burlington House, London, and across social

Photo credit: Serena Bolton

Join our colleagues in the Royal Society of Chemistry on **December 5th at 2:00 PM ET** for a conversation with Bonnie Garmus about her debut novel, the NY Times best-seller [Lessons in Chemistry](#) which is now a movie on Apple TV+. Explore the character of Elizabeth Zott's trials and tribulations as a female chemist in the 1960s that is unceremoniously sidelined by male colleagues.

[Register here](#)

2024 Merck Research Award for
Underrepresented Chemists of Color

Awardees will receive:

- Merck mentors and opportunities to network with other winners and Merck scientists
- Invitations to career development sessions throughout the year
- Travel and accommodation for the 2024 Award Symposium, hosted at the Merck Rahway, New Jersey site
- The opportunity to present their research at the 2024 Award Symposium

Eligibility

- Underrepresented groups in chemistry, including Black, Latinx, Native American, Alaska Native, South and Southeast Asian, Middle Eastern, Native Hawaiian, and other Pacific Islanders
- Third year graduate students (minimum) or postdocs doing research in chemistry, including but not limited to organic, inorganic, medicinal, analytical, chemical biology, chemical engineering, computational, or physical chemistry at a US-based institution. Open to US and non-US citizens

Application materials sent via email by January 15, 2024

- Research summary (maximum two pages) and CV
- Personal statement describing your eligibility and resiliency as a chemist of color, how this award will impact your career in science, and how you support other underrepresented individuals (one page)
- A faculty member or supervisor's recommendation letter emailed separately to chemistsofcolor@merck.com

Learn more at [merck.com](https://www.merck.com)

To apply, email your application materials to chemistsofcolor@merck.com

OPPORTUNITIES

For High School Students & Teachers

Presidential Awards for Excellence in Mathematics and Science Teaching (K-6 Teachers)

[Nominations due January 8, 2024](#)

For Undergraduates

How To Land Your First Job: An Email Guide

[Due November 15](#)

For Graduate Students / Postdocs

Japan Society for the Promotion of Science Summer Program

[Apply by January 4, 2024](#)

Merck Research Award for Underrepresented Chemists of Color

[Due January 15](#)

Burroughs Wellcome Fund Postdoctoral Diversity Enrichment Program

[Due January 18, 2024](#)

For Professionals

EPA Green Challenge Awards

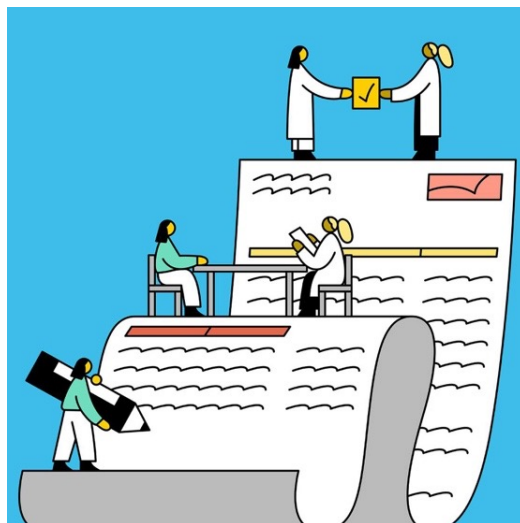
[Due December 8](#)

2YC Community of Practice for 2-Yr College Faculty

[Due December 15](#)

Camille Dreyfus Teacher-Scholar Awards

[Due February 1, 2024](#)



[How To Land Your First Job: An Email Guide](#)



THIS MONTH IN CHEMICAL HISTORY

In this month's contribution, Prof. Harold Goldwhite of California State University – Los Angeles discusses the importance of 9th and 10th century chemists in the Muslim world. Their contributions to the advancement of sciences, as described, are highly underrated.

[Read the article here](#)

JOB BOARD

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

[Assistant Professor of Biochemistry – Iona College Adjunct](#)

[Professor, Instrumental Analysis – Iona College Lecturer,](#)

[Chemistry – Barnard College](#)

[Pre-Health Programs Advisor - SUNY Old Westbury](#)

[Postdoctoral Researcher/Scientist – ProViZiGen](#)

[Program Manager, Awards – New York Academy of Sciences](#)

[Division of Research Capacity Building Director – National Institutes of Health](#)

[QC Chemist III – Amneal](#)

[PET Radiochemist – PharmaLogic](#)

[Synthetic Chemist, Director – Osmo](#)

[Senior Scientist – Merck](#)


[Senior Chemist II, Fast innovation Makeup Development – L'Oréal](#)



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► **Careers in Academia**
with Katie Leach, Ph. D.

Thursday, Dec. 7 • 12 pm ET