





OCTOBER 2023 Vol. 104 • No. 8

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THE **EALING** PWER OF CHEM STRY

October 15-21 | 2023 #NationalChemistryWeek





Calendar of Events

October 5, 2023

Long Island Subsection

October 12, 2023

NIACS Chromatography Topical

October 15, 2023

National Chemistry Week Celebration

October 19, 2023

NJACS NMR Topical Group

October 21, 2023

NJACS ChemExpo

October 23, 2023

NJACS Executive Committee

Meeting

October 26, 2023

Hudson-Bergen Subsection

NATIONAL CHEMISTRY WEEK 2023 CALL FOR VOLUNTEERS

Join the volunteers of the North Jersey ACS and New York ACS at their premier public outreach events as both celebrate National Chemistry Week 2023. As we all know, it takes teamwork to make the dream work! This year's theme of 'The Healing Power of Chemistry' will be center stage at both the New York ACS' Celebration of National Chemistry Week at the New York Hall of Science and the North Jersey ACS' ChemExpo at Liberty Science Center. Contact the organizers as volunteers are always welcome

North Jersey ACS' ChemExpo

New York ACS' NCW 2023

10:00 AM - 4:00 PM

New York Hall of Science

Sunday, October 15, 2023

Where: <u>Liberty Science Center</u> Where: Saturday, October 21, 2023 Date: Date: 12:00 PM - 4:00 PM Time:

Time:

Click here to Volunteer Click here to Volunteer

NORTH JERSEY SECTION MEETINGS

https://www.njacs.org/

2023 NORTH JERSEY ACS EXECUTIVE COMMITTEE MEETINGS

2023 North Jersey ACS Chair Justyna Sikorska and the Executive Council welcome you to our monthly NJACS meetings. Meetings will be held either virtually or in hybrid mode (virtually with an in-person option at the Merck Kenilworth site). The meetings are normally held on **Mondays from 7 pm to 9 pm once per month.** All members are welcome to attend and become more involved in section activities.

For any additional information including a link to virtual meetings and RSVP deadline for in-person meetings, please <u>click here to email our Communications Chair.</u>

October 23 (virtual) November 13 (virtual) December TBD

NORTH JERSEY ACS ELECTIONS VOTE NOW FOR YOUR CHAIR-ELECT, SECRETARY, AND COUNCILORS

It's that time of year again!

- •First, our NJACS elections have started (ballot from <u>Vote Now</u>, slate below; check your Inbox!)
- •Then the ACS National elections!

Note the dates for the elections are similar but the National voting ends slightly earlier than our North Jersey section voting!

The Executive Council has several open positions for dedicated volunteers to work to make our Section better in 2024. You can vote by email or by phone using the info on your ballot. Biographies of the candidates are available on the voting website accessible from your ballot. The North Jersey Section ACS 2024 election is open NOW and will end on **October 27, 2023**. Ballots were sent out by email from ACS-NJ Elections via **Vote-Now.com**. *Please check your Spam folder if you cannot find your ballot*.

All current North Jersey ACS members should have received ballots on or about September 18th. As a reminder, here is our candidate slate for the 2024 offices of Chair-elect and Secretary, as well as the multiple Councilor/Alternate Councilor positions available.

Vote for one	Vote for one	Vote for three
Chair-elect: Robert Menger	Secretary Elizabeth (Bettyann) Howson	Councilor/Alternate Councilor* Alan Cooper Sandra Keyser Jasmine (Yingchun) Lu Amanda Peterson Mann Cecilia Marzabadi Justyna Sikorska

(*The three Councilor/Alternate Councilor candidates receiving the highest votes will be Councilors, the remaining three candidates will be Alternate Councilors, for the 3-year term from 2024 – 2026.)

NORTH JERSEY ACS NMR TOPICAL GROUP ANNUAL NMR SYMPOSIUM

The NJACS NMR Topical Group invites all to their Annual NMR Symposium for the 2023 Organic Topical Group Fall Symposium. Four distinguished scientists will present their most recent work during the afternoon sessions. These will be followed by the keynote address, "NMR Under Pressure" by Ad Bax from the National Institutes of Health and dinner.

Date: Thursday, October 19, 2023 Place: Frick Chemistry Auditorium

Princeton University Princeton, NJ 08544

Time: 1:00 PM – 8:30 PM Registration: Click here to register

Download Flyer here



NORTH JERSEY ACS ORGANIC TOPICAL GROUP FALL SYMPOSIUM 2023 CALL FOR ABSTRACTS AND REGISTRATION INFORMATION

Registration is now open for the 2023 Organic Topical Group Fall Symposium entitled "New Innovations in Synthesis and Catalysis".

Date: Thursday, November 16, 2023

Place: The Palace at Somerset Park

333 Davidson Avenue Somerset, NJ 08873

Time: 9:00 AM – 5:00 PM
Registration: Click here to register

To register, scan the QR code, or visit <u>our website</u>. Last year's event was a great success! We had over a hundred attendees and over twenty posters to celebrate Nobel Laureate Prof. Carolyn Bertozzi, Stanford, who was recognized as the 2022 Creativity in Molecular Design and Synthesis awardee. Download the <u>flyer</u> for more details about this event.



NORTH JERSEY ACS CHROMATOGRAPHY TOPICAL GROUP ANNUAL SYMPOSIUM

NJCG is hosting its annual symposium "The Role of Chromatography in Upholding Pharmaceutical Quality". Join the symposium's poster session! Bring your printed posters to participate.

Date: Thursday, October 12, 2023

Place: Doubletree by Hilton

Somerset, NJ 08873

Time: 12:00 – 6:00 PM

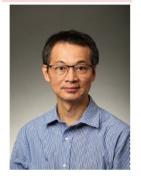
Registration: <u>Click here to register for free</u>

Download Flyer here

Dr. Jinjian

Sr. Principal Scientist Merck

Zheng



Dr. Marian Twohig

Principal Scientist Waters Corporation



Dr. Kennneth C. Waterman

President

Speakers



Dr. Dujuan Lu

Manager-E&L SGS Health Science



Dr. Yijun Lu Associate Director



The Indicator is posted to the web 1ST of the month at

http://www.theindicator.org/



2023 Organic Syntheses Lectureship





Professor Jeff Aubé

Distinguished Professor, Center for Integrative Chemical Biology and Drug Discovery Professor, Department of Chemistry, University of North Carolina at Chapel Hill

> "Collaborative Medicinal and Organic Chemistry"

Dr. Michael Clift

Principal Research Scientist I, AbbVie, North Chicago, IL

"Enabling Chemistry at the Interface of Late Discovery and Early Development"



Wednesday, November 1st, 2023 – 11:30 a.m.

Life Science Center II Room 130 225 University Ave., Newark, NJ

Seminar Information

Hosted by: Professor Michal Szostak Department of Chemistry Wednesday, November 1st, 2023 - 2:30 p.m.

Life Science Center II Room 130 225 University Ave., Newark, NJ

NEW YORK SECTION MEETINGS

http://www.newyorkacs.online

NEW YORK ACS BOARD MEETING DATES FOR 2023

The remaining board meeting for 2023 is on **Monday, November 20, 2023**. This hybrid meeting is open to all, but we kindly request an RSVP for in-person attendance. Mary Virginia Orna, Ph.D. will Chair the meeting which will start at exactly 6:30 PM.

Please note that there will also be an in person meeting of the Finance Committee on Wednesday, **November 15, 2023**.

LONG ISLAND SUBSECTION

Powering Sustainable Organic Synthesis: Unlocking Potential through Visible Light-Induced Photocatalysis and Synthetic Electrochemistry

Speaker: Yalan Xing, Ph.D.

Department of Chemistry

Hofstra University

Date: Thursday, October 5, 2023
Place: Via Zoom (Registration is free)

Time: 6:45 PM

Download Flyer here



2023 FRANCES S. STERRETT ENVIRONMENTAL SYMPOSIUM



Join the Long Island Subsection for the 2023 Frances S. Sterrett Environmental Chemistry Symposium. This year's event, entitled "What is the Future of Electric Vehicles?", showcases experts in the field of battery development.

Date: Saturday, November 19, 2023

Place: Hofstra University

Berliner Hall Room 117

Registration: Click here for free registration

Download flyer here

NORTH JERSEY ACS CHROMATOGRAPHY TOPICAL GROUP ANNUAL SYMPOSIUM

Synthetic Design of Chromophore/ Semiconductor Interfaces for Solar Energy Applications

Speaker: Elena Galoppini, Ph.D.

Department of Chemistry Rutgers University – Newark

Date: Thursday, October 26, 2023 **Place:** Dickinson Hall Room 4468
Fairleigh Dickinson University

Teaneck, NJ 07666

Time: 5:00 PM Pizza and refreshments

6:00 PM Lecture

RSVP: Email by October 20th

Download Flyer here



WESTCHESTER CHEMICAL SOCIETY

Cutting And Pasting With DNA: Genome Editing



Speaker: Evan Merkhofer, Ph.D.

Division of Natural Sciences Mount Saint Mary College

Date: Thursday, November 9, 2023
Place: Westchester Community College

Gateway Center, Room 110 75 Grasslands Road

Valhalla, NY 10595 Email for Zoom link

Time: 5:30 PM Coffee Hour 6:00 PM Speaker

<u>Download flyer here</u>

NEW YORK ACS MEMBERS HONORED WITH NATIONAL AWARDS

Congratulations to Rachel Narehood Austin (Barnard College, left) & Stephen A. Koch (Stony Brook University, right) on their selection as ACS National Awardees. Both York New ACS members and are accomplished bioinorganic chemists. Prof. Austin is being recognized with the ACS Award for Research at an Undergraduate Institution and Prof. Koch is being recognized with the ACS Award for Distinguished Service in the Advancement of Inorganic Chemistry.

Read about all the Awardees 2025 Award Nominations due November 1



MEETING REPORTS

MIDDLE ATLANTIC REGIONAL MEETING - MARM 2023

Contributed by Joseph M. Serafin and Rita Upmacis

The New York ACS along with its partners at the Graduate Center of the City University of New York and St. John's University hosted the 2023 Middle Atlantic Regional Meeting on June 9-10, 2023. With 393 attendees, this mini-MARM had the theme of 'Chemistry Refocused' and included technical sessions, sessions. exposition, employment poster an programming including a resume review workshop, a graduate study fair, a social media social, a Women's Chemists Committee workshop on Promotion to Full Professor, a 50/60/70-year member luncheon, and an awards banquet.



Read more here

CALL FOR NOMINATIONS

OUTSTANDING COLLEGE CHEMISTRY TEACHING AWARDS

The New York Section is seeking nominations for the following three awards whose purpose is to recognize, encourage and stimulate high-quality teaching and research:

Outstanding Two-Year College Chemistry
Teaching Award

Outstanding Four-Year Undergraduate
College and University Chemistry Faculty
Teaching Award

Outstanding Four-Year University with Graduate School Chemistry Faculty Teaching Award

Nominations are due October 15, 2023. Candidates need not be members of the ACS. Awardees will be recognized with a major award plaque at the Sectionwide Conference in January 2024 Prior nominations remain active for three years and updating is encouraged.

GRANT OPPORTUNITIES

SCIENCE CAFÉ MINIGRANTS

\$500 to facilitate discussions of current topics between scientists and non-scientists in a relaxed, open venue.

DUE OCTOBER 15, 2023 Learn more

LOCAL SECTION DIVERSITY, EQUITY, INCUSION AND RESPECT (DEIR) GRANT

Up to \$3,000 to foster inclusiveness and participation within local sections, and to support interactions with other local sections, divisions, committees and other professional associations or community groups.

DUE NOVEMBER 13, 2023

Learn more

LOCAL SECTION PRINCIPAL INVESTIGATOR DEVELOPMENT IN SUSTAINABILITY GRANT

\$50,000 for a mid-career investigator to spend 6-12 month in the laboratory of a private company, a national lab, or an academic lab at another institution to foster collaborations.

DUE NOVEMBER 15, 2023

Learn more

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: Big Data from the Early Universe.

Speaker: Bart Horn, Ph.D.

Department of Physics and Astronomy

Manhattan College

Date: Saturday, October 14, 2023

Place: Hayden Hall 100

Manhattan College Riverdale, NY 10471

Time: 12:00 PM Lunch in Thomas Hall

1:30 PM Speaker



Download Flyer

Younger Chemists Committee





Wednesday, October 4th, 2023 | 2pm - 3pm ET

Meet the 2024 ACS President-Elect Candidates

Co-produced with the ACS Younger Chemists Committee

SEMINAR SPEAKERS WANTED

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

FROM OUR PARTNERS

APPLYING FOR FACULTY POSITIONS AT PRIMARILY UNDERGRADUATE INSTITUTIONS

 Contributed by Associate Professor Sarah Shaner, Southeast Missouri State University

f you are on the academic job market this year or have just been looking at job postings in anticipation of applying soon, you have probably noticed that many faculty positions are at colleges or universities without large graduate programs or PhD students. These undergraduate schools primarily are institutions, PUIs for short. They can seem mysterious if most of your experience has been at R1 or research-intensive programs. However, these positions may be a great career fit for you, and you should consider applying. Here I provide a little information about PUIs, some tips for applying to these schools, and some resources that may be helpful along the way.

Read the full article here

THIS MONTH IN CHEMICAL HISTORY

Contributed by Harold Goldwhite,
 California State University, Los Angeles

This month's contribution focuses "Philosophie Chimique" or, to use its English title "Chemical Philosophy, or the fundamental truths of modern chemistry designed to serve as fundamentals for the study of that science". The author is none other than A. F. Fourcroy, associate and friend of Lavoisier revolutionized chemistry through his understanding of the role of oxygen in combustion. The book I purchased is the third edition, published in 1806. The first edition of Fourcroy's text was published in 1792. A word of explanation about the title; Philosophy can best be taken to mean theory in this context.

Read the full article here



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OPPORTUNITIES

For High School Students & Teachers

Society for Science – STEM Research Grant

Due October 10

ChemClub Community Activities Grant

Due November 1

James Bryant Conant Award in High School Chemistry

Due November 1

For Undergraduates

Joseph Breen Memorial Fellowship

Due November 15

For Graduate Students / Postdocs

Younger Chemists Leadership Institute Award

Due October 15

Max Planck – Weizmann Joint Postdoctoral Program

<u>Due November 1</u>

NRC Research Associateship Program

Due November 1

Joseph Breen Memorial Fellowship

Due November 15

For Professionals

Younger Chemists Leadership Institute Award

Due October 15

ACS National Awards

Due November 1

ACS Division of Analytical Chemistry Younger

Chemists Conference Travel Grants

Due November 1

The Dreyfus Prize in the Chemical Sciences

Due December 1









APPLICATIONS ACCEPTED:
August 15th - October 15th
Award Information & Application Link at:

https://bit.ly/YCCLDI

ERICAN CHEMICAL SOCIETY - YOUNGER CHEMISTS COMMITTEE



JOB BOARD

Starting your career or looking for the next challenge? Review these and other postings at the New York ACS <u>Job Board</u>. Email your job postings to <u>Jobs@NewYorkACS.org</u> for inclusion.

<u>Lecturer/Instrumentation Specialist: Chemistry</u>
<u>- Union College</u>

<u> Assistant Professor of Analytical Chemistry – Vassar</u>

<u>Assistant Professor of Analytical Chemistry</u>
Lehigh University

Pre-Health Programs Advisor - SUNY Old Westbury

Program Officer - ACS Office of Research Grants

<u>Assistant Professor, Bioorganic,</u> <u>Chemical Biology and Inorganic - New York University</u>

Postdoctoral Fellow - Regeneron

<u>Senior Principal Scientist - Danone Method</u>

<u>Verification Chemist - Astrix Chemist I - </u>

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