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American Chemical Society – New York Section, Long Island Subsection 2022 Frances S. Sterrett Environmental Chemistry Symposium

Saturday, November 19, 2022; 10:00 AM – 12:00 PM; on Zoom

<http://newyorkacs.online/sterrett/>

The Frances S. Sterrett Environmental Chemistry Symposium is dedicated to presenting the public with up-to-date, factual scientific information on environmental topics. The symposium is organized by members of the Long Island Subsection of the American Chemical Society (LIACS) and cosponsored by the New York Section of the American Chemical Society (NYACS).

Agenda	Speakers
10:00 Welcome Remarks Dr. Paris Svoronos, Symposium Chairperson Dr. Kathleen Kristian, 2022 ACS-NY Chairperson Dr. Qi Wang, 2022 ACS-LI Chairperson	 Dr. Dimitrios Katehis Executive Director of Operations Bureau of Wastewater Treatment, NYC Department of Environmental Protection
10:05 Dr. Dimitrios Katehis Wastewater Resource Recovery in the Circular Economy	 Dr. Ping Y. Furlan Professor United States Merchant Marine Academy
10:30 Dr. Ping Y. Furlan Magnetically Recoverable and Reusable Nanocomposites for Water Treatments	 Dr. Charles E. Taylor Retired Supervisory Scientist National Energy Technology Laboratory
10:55 Dr. Charles E. Taylor Chemistry of Decarbonizing Combustion and Propulsion Systems	 Dr. Kevin Kolack Lecturer CUNY Queensborough Community College
11:20 Dr. Kevin Kolack Moving an Introductory Environmental Chemistry Course Online Using the American Chemical Society's "Chemistry in Context"	 Dr. Laura Schramm Director of Environmental Studies St. John's University
11:35 Dr. Laura Schramm Current Trends in Environmental Chemistry Education at an Urban Comprehensive Private University	
11:50 Closing Remarks Dr. Mary Virginia Orma, 2022 ACS-NY Chair-Elect Dr. Terrence Black, 2022 ACS-LI Chair-Elect	



ACS Local Section
New York
Long Island Subsection

Registration (free): using the link 2022.LIACS-ECY
Contact: [Dr. Paris Svoronos](mailto:Dr.Paris.Svoronos@nyacs.org) – Symposium Chairperson

Calendar of Events

November 1, 2022

NJACS Mass Spectrometry
Topical Group

November 3, 2022

Long Island Subsection

November 14, 2022

North Jersey ACS Executive
Committee Meeting

November 15, 2022

2022 Creativity in Molecular
Design & Synthesis Symposium

November 19, 2022

Frances S. Sterrett
Environmental Chemistry
Symposium

November 21, 2022

New York ACS
Board of Directors Meeting

2022 FRANCES S. STERRETT ENVIRONMENTAL CHEMISTRY SYMPOSIUM

This year's virtual event features a total of five speakers that will discuss wastewater resource recovery, water purification, decarbonization, and the state of environmental science education.

Date: **Saturday, November 19, 2022**

Time: 10:00AM – 12:00PM

Place: Virtual via Zoom

[Register here](https://2022.LIACS-ECY)

Agenda

10:00 AM	Welcoming Remarks
10:05 AM	Wastewater Resource Recovery in the Circular Economy Dr. Dimitrios Katehis
10:30 AM	Magnetically Recoverable and Reusable Nanocomposites for Water Treatments Dr. Ping Y. Furlan
10:55 AM	Chemistry of Decarbonizing Combustion and Propulsion Systems Dr. Charles E. Taylor
11:20 AM	Moving an Introductory Environmental Chemistry Course Online Using the American Chemical Society's "Chemistry in Context" Dr. Kevin Kolack
11:35 AM	Current Trends in Environmental Chemistry Education at an Urban Comprehensive Private University Dr. Laura Schramm
11:55 AM	Closing Remarks

NORTH JERSEY MEETINGS

2022 NORTH JERSEY EXECUTIVE COMMITTEE MEETING

2022 North Jersey ACS Chair Qi Gao and the Executive Council welcome you to our monthly NJACS meetings. All meetings will be held virtually, for any additional information [click here to email our Communications Chair](#).

November 14 December 12

2022 AWARD FOR CREATIVITY IN MOLECULAR DESIGN & SYNTHESIS



2023 Nobel Laureate in Chemistry, Prof. Carolyn R. Bertozzi of Stanford University will receive the 2022 Award for Creativity in Molecular Design & Synthesis on **November 15, 2022**. The symposium and award ceremony will be held at The Palace at Somerset Part from 9:00AM to 5:00PM. The symposium in Prof. Bertozzi's honor includes talks by Prof. Christina Woo (Harvard), Dr. Lisa Marcaurelle (GSK), Prof. Ellen Sletten (UCLA), Dr. Wu Yang (BMS) and Prof. Mohammad Sayedsayamdost (Princeton) as well as a poster session.

[Download flyer for more details](#)

2023 NORTH JERSEY ACS OFFICE ELECTION RESULTS

The North Jersey Section is pleased to announce the 2023 election results.

2023 Chair-Elect:	Sandra Keyser
2023-2025 Councilors:	Bettyann Howson, Mohammad Elshaer, & Michael Peddicord
2023-2025 Alternate Councilor:	Kathleen Gilbert

Congratulations to our newly elected leaders for 2023! Interested in 2024 leadership positions in the North Jersey section?

Attend the Executive Board meetings each month they're open to all Section members!

- Contact our [Communications Chair](#) for details!
- Read [The Indicator](#) and check out [our website](#) to stay current with our events
- Volunteer for events and activities by contacting an Executive Board member or filling out this [interest form](#)

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

EASTERN ANALYTICAL SYMPOSIUM – SPECIAL LECTURES**KEYNOTE LECTURE***Making Progress with Social Justice and Sensing*

Dr. Rachel Burks, American University

Monday, November 14, 4:15 PM**BREAKFAST LECTURE***The Dark Side of Science: Misconduct in Research*

Dr. Elisabeth Bik, Habers Bik LLC

Tuesday, November 15, 8:00 AM**PLENARY LECTURE***Engineering Phage to Grow and Assemble Materials for Energy, the Environment and Medicine*

Professor Angela Belcher, Massachusetts Institute of Technology

Wednesday, November 16, 11:45AM[Full program](#)**JOINT CHROMATOGRAPHY FORUM OF DELAWARE VALLEY & NORTH JERSEY CHROMATOGRAPHY GROUP EVENT AT EASTERN ANALYTICAL SYMPOSIUM**

Please join the [North Jersey Chromatography Group](#) as they and the [Chromatography Forum of Delaware Valley](#) sponsor a FREE dinner and presentation on “[Capillary Electrophoresis with Integrated Enzyme Analyses](#)” by [Lisa Holland of West Virginia University](#) on **Monday November 14th** at 6:30PM the [2022 Eastern Analytical Symposium](#) held at the [Crowne Plaza in Plainsboro](#). Fees for attending the 2022 EAS are provided [here](#), with discounted rates for students.



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NORTH JERSEY MASS SPECTROMETRY DISCUSSION GROUP

Decade by Decade: An Historical Review of Mass Spectrometry and ASMS in the Second Half of the 20th Century

Speaker: P. Jane Gale, Ph.D.
ASMS Archivist / Historian

Date: **Tuesday, November 1, 2022**

Place: Somerville Elks Lodge 1068
375 Union Avenue
Bridgewater, NJ 08807

Program: 4:30 PM Social Time (cash bar)
6:00 PM Complimentary Dinner
7:00 PM Invited Speaker

[Registration is free](#)





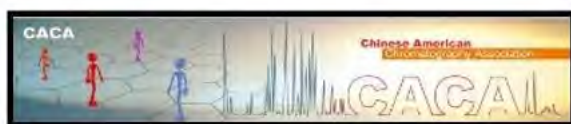
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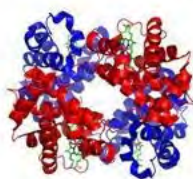
Smaller colleges in New Jersey and New York are eligible for the Spectroscopy Society of Pittsburgh's College Equipment Grants Program

Click here to apply by December 10 for up to \$5000


+




High-Resolution Accurate Mass (HRAM) Mass Spectrometry:
A Vital Tool for the Development of Modern and Future Medicines



CACA Webinar
Laurence M. Brill,
BioAgilytix



Nov 9, 2022, Wed, 12:00 PM ET
Nov 10, 2020, Thur, 0 am, Beijing Time

Dr. Laurence M. Brill, Director,
Large Molecule LCMS, BioAgilytix

NEW YORK MEETINGS

LONG ISLAND SUBSECTION

Understanding the function and failure of batteries through operando X-ray diffraction

Speaker: Dr. Hao Liu
Department of Chemistry
Binghamton University

Date: **Thursday, November 3, 2022**

Place: Via [Zoom](#)

Time: 6:30 PM

[Registration is free](#)
[Download Flyer](#)



NEW YORK ACS OFFICER ELECTIONS

The continuing success of the New York Section's programs relies on the exemplary service of a cadre of dedicated volunteers as well as by collegial leadership. The NYACS sees nominations for its 2023 Officers to lead the Section in fulfilling its mission.

Candidates for following elected offices, with terms beginning on January 1, 2024, are being sought:

- Chair-Elect
- Treasurer
- Councilor
- Alternate Councilor
- Director at Large

The duties and responsibilities of each position are detailed in the New York ACS [Job Manual](#). Please send nominations to Chair-Elect [Mary Virginia Orna](#).

2022 BOARD MEETINGS

The NYACS Board Meetings have been moved to Monday evenings at 6:30PM for 2022. All are welcome but in-person attendance requires an [RSVP](#) 5 days before the meeting. The next board meetings date is, as follows:

November 21, 2022 (hybrid)

LONG ISLAND SUBSECTION**Frances S. Sterrett Environmental Chemistry Symposium**

Dedicated to providing the public with up-to-date, factual scientific information on environmental issues

Date: Saturday, November 19, 2022
Place: Via Zoom
Time: 10:00 AM - 12:00 PM



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

NEW YORK ACS NANOSCIENCE DISCUSSION GROUP



NADRIAN C. SEEMAN MEMORIAL SYMPOSIUM

Rosenthal Pavilion, NYU Kimmel Center
 December 9, 2022 | 9:00 AM– 5:00 PM

Event	Time	Name
Welcome & Coffee	9:00 AM	
Introduction	9:20 AM	Andy Hamilton New York University
Session Chair 1		Jim Canary New York University
Speaker 1	9:30 AM	Paul Chaikin New York University
Speaker 2	10:00 AM	Greg Petsko Harvard Medical School
Speaker 3	10:30 AM	Hao Yan Arizona State University
Coffee Break	11:00 AM	
Session Chair 2		Simon Vecchioni New York University
Speaker 4	11:30 AM	Lulu Qian California Institute of Technology
Speaker 5	12:00 PM	Tim Liedl University of Munich
Lunch	12:30 PM	

Sponsors: ISNSCE, NYU President's Office, NYU Dean for Science, NYU Department of Chemistry, New York Nanoscience Discussion Group, ACS New York Section

Event	Time	Name
Session Chair 3		Yoel P. Ohayon New York University
Speaker 6	2:00 PM	Hanadi Sleiman McGill University
Speaker 7	2:30 PM	William Shih Harvard Medical School
Speaker 8	3:00 PM	Chengde Mao Purdue University
Coffee break	3:30 PM	
Session Chair 4		Phil Lukeman St. John's University
Speaker 9	4:00 PM	Ruojie Sha New York University
Speaker 10	4:15 PM	Risheng Wang Missouri University
Speaker 11	4:30 PM	Xing Wang UIUC
Speaker 12	4:45 PM	Bryan Wei Tsinghua University
Closing	5:00 PM	Bobby Arora New York University
Reception/ Open Mic	5:15 PM – 7:00 PM	

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The Indicator is actively seeking new advertisers from academia, industry, suppliers and service groups. New rates are in effect that we believe you will find attractive and competitive.

Click to request a copy of our new [rate sheet](#) and [reply form](#). The deadline for the December issue is November 16th.

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



DR. MARIE MAYNARD DALY TO BE HONORED WITH A NATIONAL HISTORIC CHEMICAL LANDMARK

SAVE THE DATE

The [New York Section of the American Chemical Society](#) (NYACS) proudly announces that Dr. Marie Maynard Daly, the first African American woman to earn a Ph.D. in chemistry, is being honored with an [ACS National Historic Chemical Landmark](#) at her alma mater, Columbia University.

A landmark ceremony is planned for Friday, May 19, 2023, at Columbia University, and the NYACS invites you to attend in honor of Dr. Daly's singularly significant achievement. This landmark celebrates [Diversity, Equity, Inclusion and Respect](#), a core value of the ACS. Details for registration will be forthcoming.


The NYACS is currently accepting tax-deductible donations to support this event ([click here](#)).

COMMITTEE ON THE HISTORY OF THE NEW YORK LOCAL SECTION

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

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


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MEETING REPORTS

NJACS HOSTS SUCCESSFUL CHEMEXPO IN CELEBRATION OF NATIONAL CHEMISTRY WEEK

Contributed by Sandra Keyser

In partnership with Liberty Science Center, North Jersey ACS hosted the 28th annual ChemExpo on October 15, 2022 in celebration of National Chemistry Week. Over 1500 visitors to the Liberty Science Center in Jersey City, NJ had the opportunity to engage in demonstrations related to the theme of “Fabulous Fibers: The Chemistry of Fabrics” with over 60 volunteers.



[Read more here](#)

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

CALL FOR NOMINATIONS

ACS FELLOWS

The [American Chemical Society Fellows Program](#) recognizes ACS members for outstanding achievements in and contributions to science, the profession, and the Society. Both the North Jersey ACS and the New York ACS are seeking candidates to nominate for ACS Fellow honors. Please email the respective Section representative for more info.



[North Jersey ACS](#)
[New York ACS](#)

DUE January 1, 2023

Grant Opportunities

GLOBAL INNOVATION IMPERATIVES GRANT

Up to \$20,000 for multi-day forum/conference that contributes to the resolution of global sustainability issues.

DUE NOVEMBER 1, 2022

[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 12, 2022

[Learn more](#)

OPPORTUNITIES

For High School Teachers

ChemClub Community Activity Grant

[Due November 1](#)

James Bryant Conant Award in High School Chemistry

[Due November 1](#)

For Undergraduates

ACS International Research Experience for Students (IRES) Program

[Due December 15](#)

I.M. Kolthoff Enrichment Awards for Undergraduates

[Due January 9, 2023](#)

ACS Scholars Program

[Due March 1, 2023](#)

For Graduate Students / Postdocs

SMART Scholarship-for-Service Program

[Due December 1](#)

Merck Research Award

[Due December 15](#)

Heh-Won Chang, PhD Fellowship in Green Chemistry

[Due December 31](#)

Nina McClelland Memorial Award

[Due December 31](#)

For Professionals

ACS Division of Analytical Chemistry Younger Chemists Conference Travel Grants

[Due November 1](#)

The Dreyfus Prize in the Chemical Sciences

[Due December 1](#)

WORKFORCE OR GRAD SCHOOL?

[Professional development and career planning](#) can never be started too early. If you are an undergraduate STEM major, at some point you will have to answer the question 'Do I want to join the workforce or enroll in graduate school to continue your studies?'. The ACS offers a variety of resources to help inform your decision.

[Read more here](#)



The ACS offers FREE career counseling via [virtual office hours](#) (12 to 1 pm every Thursday) in which you can engage in mock interviews, have your resume reviewed, learn how to improve your LinkedIn profile, and speak with a Career Consultant for general counseling.

This week's topic: **Securing an Internship**

Date: **Thursday, November 3, 2022**

Time: Noon ET

[Register here](#)

Next Month: *Careers in Academia*

**ANNOUNCING THE
NINA McCLELLAND MEMORIAL AWARD**

Win \$2,000 and present your postdoctoral research at the
27th Annual Green Chemistry & Engineering Conference.

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NEWS FROM OUR PARTNERS

Société de Chimie Industrielle

Founded 1918

Megatrends, Innovation, and Sustainability in the Personal Care Industry

Featuring Marcelo Lu (BASF), Joe Lupia (Elementis Global) & Peter Tsois (The Estée Lauder Companies)

Wednesday, November 16, 2022

11:30AM - 2:00 PM EDT

The Yale Club

50 Vanderbilt Ave

[Register here](#)

CALIFORNIA LOCAL SECTION

Join the California Section for a talk entitled 'Empowering Women Scientists: In Your Past, Present and Future' by Lucinda Jackson, Ph.D.

California Section
American Chemical Society

About the Speaker

Speaker: Lucinda Jackson, Ph.D.

[LJ Ventures](#)

Date: Saturday, November 12, 2022

Place: Via [Zoom](#)

Time: 1:30 PM (ET) Chatting
2:00 PM (ET) Talk and Discussion



Lucinda Jackson, PhD

[RSVP](#)

WESTCHESTER CHEMICAL SOCIETY DISTINGUISHED SCIENTIST AWARD

The Westchester Chemical Society is now accepting nominations for the "WCS Distinguished Scientist Award 2023". Scientists who live or work in Westchester or the Bronx qualify. 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, 2023** to Dr. Peter Corfield at pwrc@earthlink.net.

HUDSON VALLEY SCIENCE CAFÉ

November 16, 2022

Evolution in Higher Education Today: The Bad and The Ugly

Glenn Geher, Ph.D.

SUNY New Paltz

Location: Temple Hill Tavern and
Catering (party room)
171 Temple Hill Road
(Route 300)
Vails Gate, NY

Time: 6:00 PM to order drinks/food;
discussions start at 7:30 PM

Cost: \$3.00 per person plus food/drink cost
Seating is limited, please [RSVP](#)

PUGET SOUND LOCAL SECTION

The Puget Sound Section is celebrating the 95th Anniversary of the ACS Women Chemists Committee with a talk by the recipient of the 2022 ACS Francis P. Garvan-John M. Olin Medal, and University of Washington Professor, Dr. Anne McCoy. Dr. McCoy was recognized for her distinguished service to chemistry by women chemists.

Speaker: Dr. Anne McCoy
Department of Chemistry
University of Washington

Date: Thursday, November 29, 2022

Place: Via [Zoom](#)
Time: 7:00 PM (ET)



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Contact Despina Strong: strongdespina@gmail.com

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. 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!



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THIS MONTH IN CHEMICAL HISTORY

This month's contribution "Rates and Equilibria of Organic Reactions" by John. E. Leffler of Florida State University, and Ernest Grunwald of Bell Telephone Laboratories Inc. This book was published by Wiley in 1963 during the golden age of physical organic chemistry. Statistical, thermodynamic, and extrathermodynamic methods are all treated in the text along with mechanochemical effects, a topic of current interest.

[Read the full article here](#)

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.

High School Substitute Teacher – The Dalton School

[Apply here](#)

Assistant Professor, Biochemistry, Bioanalytical, Biophysics – Brooklyn College

[Apply here](#)

Assistant Professor in Chemistry, Inorganic/Physical – Manhattan College

[Apply here](#)

Assistant Professor, Biochemistry (broadly defined) – Fordham University

[Apply here](#)

Assistant Professor in Organic Chemistry – New Jersey Institute of Technology

[Apply here](#)

Assistant Professor, Environmental Analytical Chemistry - Lehman College

[Apply here](#)

Patent Agent – Chemistry – Foley Hoag

[Apply here](#)

Research Scientist, Biochemistry – Chemeleon

[Apply here](#)

Senior Scientist – Momentive

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Senior Scientist, SAS Physical Chemistry - Estée Lauder Companies

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Analytical Chemistry, Senior Analytical Chemist - Exemplify BioPharma

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Senior Scientist, Fabric Care Technical Development - Firmenich

[Apply here](#)

Director, instrument Development – Gemological Institute of America

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Senior Scientist – Merck & Co., Inc.

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