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Justyna Sikorska, Ph.D.
2023 North Jersey ACS Chair
See page 5



ACS Local Section
North Jersey



ACS Local Section
New York

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THIS MONTH IN CHEMICAL HISTORY

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

Here we are in 2023 and I am resuming my custom of looking back to the past through the medium of the “Annual Reports of the Progress of Chemistry” published in London by The Chemical Society. I joined The Chemical Society (now called the [Royal Society of Chemistry](#); RSC to its friends) when I was a graduate student, and now am an Emeritus member. But I digress. The volume I have chosen to write on is the report for 1933, 90 years ago – and is Volume XXX, the series having started in 1903.

In physical chemistry a great deal of experimental work has been carried out on tests of the Debye-Hückel theory of the thermodynamics of electrolyte solutions, first proposed six years earlier. Experimental results on the solubilities of salts in electrolyte solutions are only in accord with the theory for one-to-one salts in one-to-one electrolyte solutions. For higher valency salts or electrolytes various adjustments of theory are proposed, with indifferent success.

“The hydrogen isotope of mass 2 has been the subject of a continually increasing volume of research during the year.” Deuterium was quite a novelty in 1933 and was given its name in that year. Lord Rutherford dissented and proposed the alternate name of “diplogen” and the Report suggested, in true chauvinistic fashion, “Among British chemists “diplogen” will find more favour. Fortunately, both alternatives lead to the symbol “D” for the new atom.” We know which name won out.

Many methods for increasing the concentration of deuterium include refining the original method of distillation of liquid hydrogen. Other methods include electrolysis of water; adsorption of hydrogen on charcoal; distillation of water; adsorption of water on charcoal; reduction of water by hot iron; diffusion of hydrogen through palladium; and displacement of hydrogen in acids by zinc. G.N. Lewis has used the electrolysis method using an old electrolytic solution and has prepared 1.3 ml of pure D₂O.

The proportion of deuterium in hydrogen has been more accurately determined as 0.03% by mass. Water containing 0.5% of deuterium is available commercially. The physical properties of pure D₂O have been determined by Lewis and others. Its melting point is 3.8° C and its boiling point is 101.4° C. It has a density of 1.1056 g/ml – “heavy” water indeed.

Some early work on isotope effects in reactions are reported. When ammonium chloride is dissolved in D-enriched water the hydrogen atoms on the ammonium ion exchange with deuterium in the water very rapidly and at equilibrium the proportion of deuterium in the ammonium ions is the same as in the solvent. When sucrose is dissolved in D-enriched water only the hydroxylic hydrogens exchange; the C-H hydrogens remain unchanged. When hydrogen gas enriched in deuterium is stored over ordinary water for six weeks it loses over 95% of its deuterium content. The exchange is greatly accelerated in the presence of finely divided platinum. It is suggested that such exchanges proceed through an ionic mechanism. [Recall that even pure water does contain a very low concentration of both hydroxide and hydronium ions.]

Studies of reaction rates in heavy water have been initiated. In acidified water containing about 50% of deuterium the mutarotation of glucose is slowed to about half its value in ordinary water. G.N. Lewis has shown that tobacco plant seeds will not germinate in pure D₂O and the same liquid kills a variety of small organisms including protozoa and tadpoles. [No doubt the challenge of obtaining sufficient amounts of D₂O prevented experiments on larger animals.]

Bernal and Fowler have proposed a “pseudo-crystalline” model for the structure of liquid water. Water II has a four-coordinate arrangement of molecules analogous to SiO₂ in quartz. Water I has the structure of ice. And Water III is close packed as in an ideal liquid. The proportions of the various forms vary with temperature. The model has useful applications to the properties of ionic solutions and is backed up to some extent by X-ray diffraction studies of liquid water.

Staying with hydrogen chemistry (and it is impressive how much challenging chemistry there is for this simplest of elements) the conversion of para- into ortho-H₂ is catalyzed by paramagnetic molecules such as NO, O₂, and N₂O₅. The interconversion is also accelerated in solution.

My review of this 90-year old chemistry has only just scratched the surface – 40 pages out of over 400. You can look forward (?) to a few more columns on this topic. Happy New Year.

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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.

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EDITORIAL DEADLINES

February 2023	January 16, 2023
March 2023	February 16, 2023
April 2023	March 16, 2023
May 2023	April 16, 2023
June 2023	May 16, 2023

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.

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

Address advertising correspondence to [Advertising Manager](#). Other correspondence to the [Editor](#).

January Calendar

NORTH JERSEY SECTION**Monday, January 23, 2023**

North Jersey Executive Committee Meeting
See page 6

NEW YORK SECTION**Saturday, January 28, 2023**

New York ACS Sectionwide Conference
See page 7



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 MEETING & EVENTS

ACS SPRING 2023
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The banner features a central globe with a purple and blue color scheme, surrounded by circular inset images of scientists in a lab and a speaker at a podium. The text is set against a dark blue background with decorative yellow dots.

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NORTH JERSEY CHAIR'S MESSAGE

Welcome to the North Jersey Section of ACS! It is a great honor to serve as Chair for 2023, and I look forward to leading this incredible and diverse group of volunteers. I especially want to thank our chair Qi Gao and all our officers, members, and volunteers for continuing the impactful work within our chemistry community and making sure that the NJACS section is well-positioned to move forward into 2023.

It was a privilege to serve as an active member of the North Jersey section for the last five years and NMR topical group Chair in 2020. Being deeply involved in the NMR topical group through the heart of the COVID-19 pandemic allowed me to realize the power of virtual approaches and their ability to reach all corners of the earth and expand the reach of our section. Therefore, I will use this year as an opportunity to implement our gained expertise in running effective online, hybrid, and in-person meetings for our upcoming seminars and symposia and make sure that our events are visible on social media. I hope that by embracing new ways of working, we will continue to identify opportunities to promote sharing scientific knowledge broadly.

My goals for 2023 start with supporting our diverse topical groups and committees in organizing exciting seminars, symposia, and events to drive the exploration of ground-breaking research. The NJ ACS topical groups are comprised of talented scientists in the interdisciplinary fields of chemistry, including [Mass Spectrometry](#), [Chromatography](#), [NMR Spectroscopy](#), [Organic Chemistry](#), [Minority Affairs](#), [Women Chemists Committee](#), [Younger Chemists](#), and [Teacher Affiliates](#). The section will also host the [Leo Hendrik Baekeland Award Symposium](#) this year.

We will also continue to work with NJACS volunteers on numerous public outreach programs, including Project SEED, National Chemistry Week, and the Chemistry Olympiad. In addition, we will help with the organization of the popular ChemExpo, the Community Nights at the [Liberty Science Center](#) (LSC), and the science booth during the Edison Day street fair.

Finally, I encourage all of you to reach out to me with ideas and suggestions on how to continue making the NJACS even better and get actively involved with exciting activities related to chemical sciences.

Justyna Sikorska, Ph.D.
2023 Chair, North Jersey section of ACS

P.S. Not a member of the North Jersey Section of ACS?
Please join us by signing up [here](#).

NORTH JERSEY SECTION MEETINGS

2023 NORTH JERSEY EXECUTIVE COMMITTEE MEETINGS

2023 North Jersey ACS Chair Justyna Sikorska and the Executive Council welcome you to our monthly NJACS meetings. 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. The format for the first four meetings of 2023 will be virtual.

For any additional information including a link to virtual meetings and RSVP deadline for in-person meetings, please [click here to email our Communications Chair](#).

January 23
February 20

March 20
April 17



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Life Science Center I, Room 103

579 *Spectroscopy in Inorganic Chemistry*

Dr. Lockard
Tu 6:00 - 9:00 pm
Smith Hall, Room 240

591 *Biomolecular Design and Nanotechnology*

Dr. Zhang
Thu 6:00 - 9:00 pm
Smith Hall 242

For more information, [click here](#) or contact [Ms. Sophia Bautista Chinchay](#). We welcome Masters, PhD, and non-degree students.

Up to 2 graduate courses can be taken on a non-degree basis.

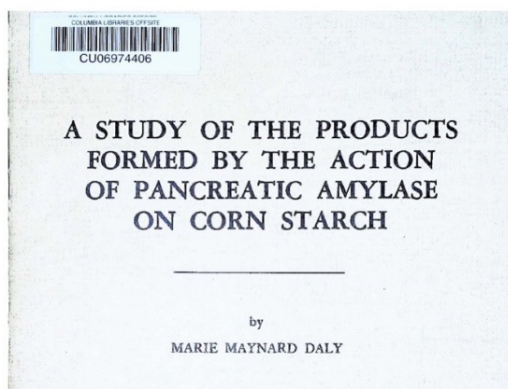
NEW YORK SECTION MEETINGS

2023 NEW YORK ACS SECTIONWIDE CONFERENCE KEYNOTE ADDRESSES

The Life and Work of Dr. Marie Maynard Daly

Speaker: Dr. Paris Svoronos, Queensborough Community College

Abstract: Dr. Marie Maynard Daly (1921-2003) was born and raised in Corona, Queens and attended Hunter College High School. She was accepted to Queens College and graduated magna cum laude and as a Queens College scholar with a degree in chemistry (1942). She proceeded to earn her master's at New York University and her doctorate at Columbia University, the first ever African American woman to reach this level of achievement in the United States. She first started as a faculty member at Howard University and continued with a seven-year career at the Rockefeller Institute studying the protein construction in the body. She then joined Columbia University and finished her academic career at the Albert Einstein College of Medicine at Yeshiva University, where she principally taught biochemistry to medical students. Until her retirement (1986) and beyond she was a serious advocate of including and promoting minority women in the health sciences and was recognized for her efforts to build a pathway for their contributions and success. She has had many peer-reviewed publications and was bestowed a large number of awards that recognized her pioneering efforts. Dr. Daly's life and a brief synopsis of her research accomplishments will be presented.



Celebrating the life and legacy of
Dr. Marie Maynard Daly
First African American Female
Ph.D. in Chemistry

Planning the Daly National Historic Chemical Landmark

Speaker: [Dr. Robert Hoyte](#), SUNY Old Westbury

Abstract: A chronology and update will be presented on plans by the New York Section for the 2023 Celebration of a new National Historic Chemical Landmark honoring Dr. Marie Maynard Daly, the first African American woman to earn a Ph.D. degree in chemistry.



2023 SECTION-WIDE CONFERENCE

SATURDAY, JANUARY 28, 2023

St. John's University

10:00AM – 1:15PM

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

PROGRAM

- | | | |
|-----------------|--|---|
| 10:00 AM | GREETINGS FROM THE ACS NEW YORK SECTION 2023 CHAIR | Dr. Mary Virginia Orna
ChemSource, Inc. |
| 10:10 AM | AWARD PRESENTATIONS | |
| | Service Plaque and Pin to the 2022 ACS New York Section Chair | Dr. Kathleen Kristian
Iona College |
| | ACS New York Section Outstanding Service Award | Dr. Marlon Moreno
Queensborough Community College |
| | Outstanding Four-Year University with Graduate School Chemistry Faculty Teaching Award | Dr. Sabesan Yoganathan
St. John's University |
| | Outstanding Four-Year Undergraduate College and University Chemistry Faculty Teaching Award | Dr. Sunhee Lee
Iona University |
| | Outstanding Two-Year College Chemistry Teaching Award | Dr. Sunej Hans
Bronx Community College – CUNY |
| | Nichols High School Teacher Award | Kristen Drury
William Floyd High School |
| 11:00 AM | PRESENTATION OF CANDIDATES FOR THE 2022 ELECTIONS | Dr. Ping Furlan
US Merchant Marine Academy
2023 Chair Elect ACS NY Section |
| 11:15 AM | KEYNOTE SPEAKERS: | Dr. Paris Svoronos |
| | Title: <i>The Life and Work of Dr. Marie Maynard Daly</i> | |
| | Dr. Marie Maynard Daly (1921-2003) was born and raised in Corona, Queens and attended Hunter College High School. She was accepted to Queens College and graduated magna cum laude and as a Queens College scholar with a degree in chemistry (1942). She proceeded to earn her master's at New York University and her doctorate at Columbia University, the first ever African American woman to reach this level of achievement in the United States. She first started as a faculty member at Howard University and continued with a seven-year career at the Rockefeller Institute studying the protein construction in the body. She then joined Columbia University and finished her academic career at the Albert Einstein College of Medicine at Yeshiva University, where she principally taught biochemistry to medical students. Until her retirement (1986) and beyond she was a serious advocate of including and promoting minority women in the health sciences and was recognized for her efforts to build a pathway for their contributions and success. She has had many peer-reviewed publications and was bestowed a large number of awards that recognized her pioneering efforts. Dr. Daly's life and a brief synopsis of her research accomplishments will be presented. | |
| | Title: <i>Planning the Daly National Historic Chemical Landmark</i> | Dr. Robert Hoyte, SUNY Old Westbury |
| | A chronology and update will be presented on plans by the New York Section for the 2023 Celebration of a new National Historic Chemical Landmark honoring Dr. Marie Maynard Daly, the first African American woman to earn a Ph.D. degree in chemistry. | |
| 12:15 PM | PROJECT SEED Presentations by New York Section Project SEED Students: to be announced from Jose Marti STEM Academy. | |
| 12:30 PM | ACS, NEW YORK SECTION COMMITTEE PLANNING SESSIONS FOR 2023. | |
| | 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
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 | |
| 1:00 PM | REPORTS FROM THE CHAIRS OF THE COMMITTEE PLANNING SESSIONS. | |
| 1:15 PM | CONCLUSION OF THE MEETING Join with colleagues for lunch at a local restaurant. | |

LAST CALL FOR NOMINATIONS WESTCHESTER CHEMICAL SOCIETY DISTINGUISHED SCIENTIST AWARD

The deadline of January 15, 2023 is fast approaching to submit your nominations for the [Westchester Chemical Society Distinguished Scientist Award](#) 2023. 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, 2023 to Dr. Peter Corfield at pwrc@earthlink.net.

PROFESSOR GERARD PARKIN NAMED 2022 ACS PROJECT SEED MENTOR OF THE YEAR AWARDEE

Former New York ACS Chair, Professor Gerard 'Ged' Parkin of Columbia University has been named an American Chemical Society Project SEED Mentor of the Year awardee. This distinction honors his dozen years of service as a Project SEED mentor to high school students with diverse identities and socioeconomic backgrounds.

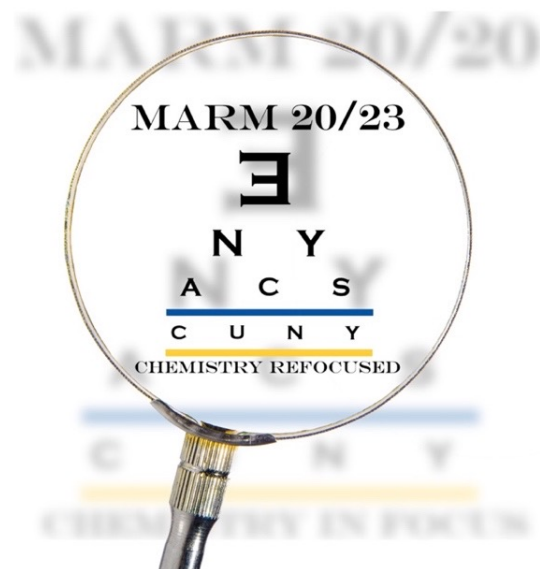
[Read more about Project SEED here](#)



MARM 2023

The New York ACS is hosting the 2023 Middle Atlantic Regional Meeting of the ACS (MARM2023) on **June 9-10, 2023**. The theme of the meeting is 'Chemistry Refocused'. MARM2023 will have one day of technical talks and poster sessions at the City University of New York Graduate Center on June 9th. The following day, MARM 2023 will continue with educational programming at St. John's University. The program will contain sessions on the Chemistry of Life Sciences, Materials Chemistry, Cosmetic Chemistry, Forensic Chemistry, and Flavor & Fragrance Chemistry. Details to follow.

Abstract submission opens January 23, 2023.



MEETING REPORTS

NORTH JERSEY NMR TOPICAL GROUP

Dear NJACS & NMR Colleagues,

The North Jersey ACS NMR Topical Group held their Annual Symposium on October 24th at Princeton University. This was our first major in-person event since the start of the pandemic, and we had a wonderful turnout of ~80 attendees from academia, industry and government. It was a great day of amazing NMR talks presented by Kevin Gardner, Lauren Marbella, Frank Delaglio, Tatyana Polenova, Hari Arthanari, and Mei Hong! I would like to personally thank all of those who attended and all of our speakers for contributing to a successful event. And I would also like to acknowledge the generosity and support of the Topical Group's sponsors and benefactors for 2022: Merck, Bristol-Myers Squibb, JEOL, Bruker, New Era, Nexomics Biosciences, MilliporeSigma, Luciano Mueller, the Suraj Manrao Science Fund, and the NJACS section. We appreciate your continued support of the Topical Group's mission to bring great NMR science to the NJ area!

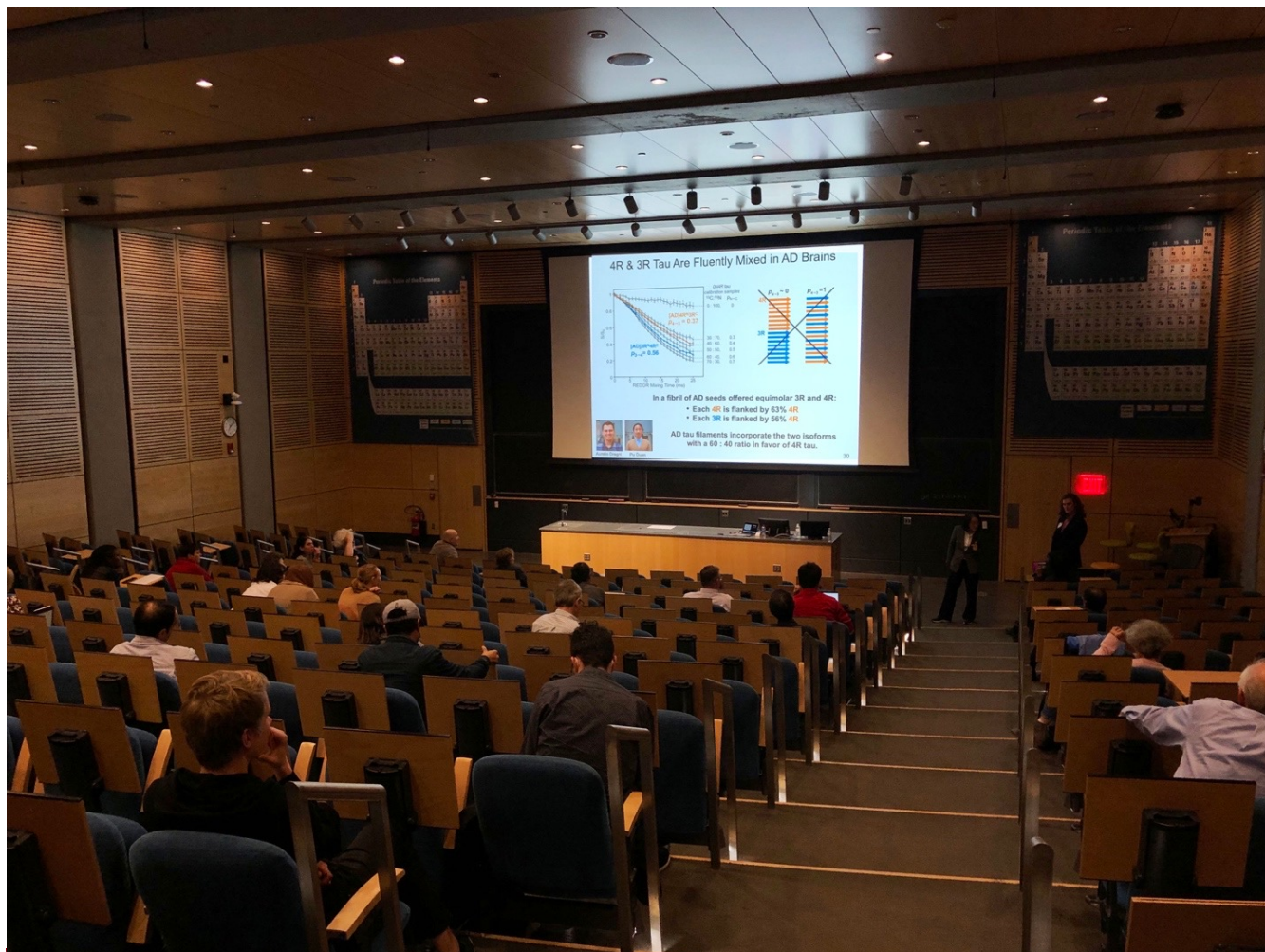


It has been my great pleasure to serve as the Chair of the NMR Topical Group for 2022, and I look forward to the great program that the incoming chair Tom Osborn Popp and co-chair Christine Jorge will be preparing for 2023! Happy Holidays to all, and a Happy New Year!

Sincerely,
Jonathan Williams



NORTH JERSEY NMR TOPICAL GROUP (continued)



NYACS NMR Symposium Photos



2022 ACS Award for Creativity in Molecular Design & Synthesis

The North Jersey ACS Organic Topical Group hosted the 2022 ACS Award for Creativity in Molecular Design and Synthesis at The Palace at Somerset Park on Tuesday, November 15th. Carolyn R. Bertozzi, the Anne T. and Robert M. Bass Professor of Chemistry and 2022 Nobel Laureate at Stanford University, was recognized for her ground-breaking work in bioorthogonal chemistry, notably the development of chemical tools to study the glycobiology. The symposium featured seminars from Dr. Wu Yang of Bristol Myers Squibb, Professor Mohammad Sayedsayamdost of Princeton University, Professor Christina Woo of Harvard University, Dr. Lisa Marcaurelle of GSK, and Professor Ellen Sletten of UCLA, as well as a keynote address by Professor Bertozzi. There was also a poster session featuring 25 students and postdocs across 6 local schools. There were about 120 attendees at the event. The Organic Topical Group would like to congratulate Professor Bertozzi and thank the speakers and attendees for a wonderful day of science.



Dr. Yalan Xing, Chair of the North Jersey ACS Organic Topical Group, presents the 2022 ACS Award for Creativity in Molecular Design and Synthesis to Professor Carolyn Bertozzi.

2022 ACS Award for Creativity in Molecular Design & Synthesis (continued)

The Organic Topical Group (OTG) committee members and speakers after the award symposium. Pictured above from top, left to right: Dr. Sue Zultanski (Merck/OTG), Kevin Lee (UPenn/OTG), Dr. Mike Smith (BMS/OTG), Prof. Joe Badillo (Seton Hall/OTG), Usha Kalra (Seton Hall/OTG), Prof. Mohammad Sayedsayamdost (Princeton University) Prof. Yalan Xing (Hofstra/OTG), Dr. Saurin Raval (BMS/OTG), Dr. Lisa Marcaurrelle (GSK), Mary Chioma Okorie (Seton Hall/OTG), Professor Ellen Sletten (UCLA), Dr. Wu Yang (BMS), Dr. Chunrui Sun (Merck/OTG), and Prof. Carolyn R. Bertozzi (Stanford)



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NORTH JERSEY ACS YOUNGER CHEMISTS COMMITTEE CO-CHAIR WINS LEADERSHIP DEVELOPMENT AWARD

Mary Chioma Okorie, pictured at right, recently won a [Young Chemist Leadership Development Award](#), sponsored by the ACS Younger Chemists Committee (YCC)! Granted annually to 15 chemists under the age of 35 years old, the award will send Mary to the ACS Leadership Conference in Atlanta, Georgia (January 20-23, 2023) and covers the registration fee, transportation, lodging and food. During the Leadership Conference, Mary will attend workshops alongside other younger chemists to improve her leadership, management and communication skills and have the opportunity to network with other ACS leaders. Mary is currently a PhD candidate at Seton Hall University, studying materials chemistry with a focus on fluorinated phthalocyanine with Dr. Sergiu M. Gorun. She has served as the North Jersey ACS Younger Chemists Committee Co-Chair since 2021, and has been an active member of the Organic Topical Group. Congratulations to Mary for the well-deserved award!



Deadline for submitting articles for the February 2023 issue is January 16, 2023

SEMINAR SPEAKERS WANTED

The New York Section wants to add 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!

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.

HONORING LIFELONG SERVICE

50-60-70 Year Members

The American Chemical Society's New York Section Board would like to acknowledge and congratulate all our local members that have reached 50, 60 and 70 years of service in 2022! National ACS offers their robust congratulations and sincere gratitude to the following members for their many years of service and dedication to the chemical sciences. The NYACS Board will be returning to an in-person awards luncheon for members reaching these milestones in 2023. The event will be held as part of the Middle Atlantic Region Meeting (MARM) on Friday, June 9, in NYC.



60 Year Member

Samuel Danishefsky, Ph.D.

70 Year Members

Dr. Donald D. Clarke, ACSF (at right)
 Dr. Samuel I. Epstein
 Dr. Richard S. Holroyd
 Mr. Thomas T. Kashiwabara
 Ms. Frances Hoffman
 Dr. Leonard Newman

60 Year Members

Dr. Esther M. G. Breslow
 Dr. Samuel Danishefsky
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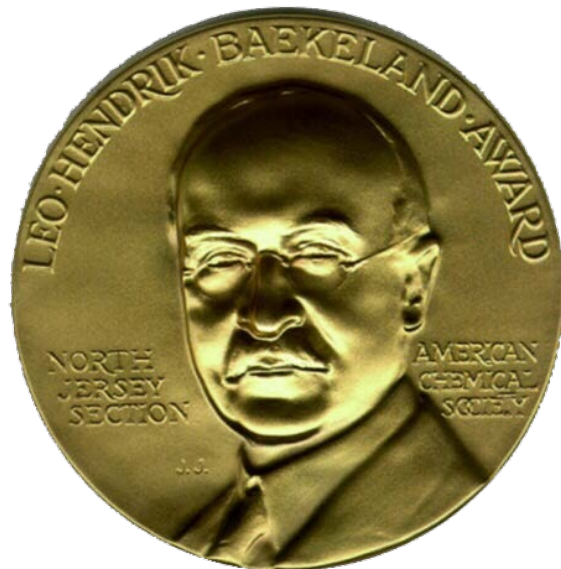
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2023 LEO HENDRIK BAEKELAND AWARD – CALL FOR NOMINATIONS

The North Jersey ACS is soliciting nominations for the 2023 Leo Hendrik Baekeland Award. The Award consists of a gold medal and a \$5,000 honorarium. The Section presents the Award biennially to commemorate the technical and industrial achievements of Leo Hendrik Baekeland and to encourage younger chemists to emulate his example.

US-based chemists under the age of 40 as of January 1, 2023 with a record of accomplishments in pure or applied chemistry may be nominated. Nomination packets for the 2023 Baekeland are due **January 15, 2023**. Please contact Diane Krone, ACS North Jersey Section Awards Chair at dkrone@njacs.org for more information.



2023 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM CATALYSIS FOR A SUSTAINABLE FUTURE

The New York ACS will fete Prof. Karen I. Goldberg, the 2023 William H. Nichols Medalist, at a symposium entitled “Catalysis for a Sustainable Future” on **April 14, 2023**. Symposium speakers include Prof. Melanie Sanford (University of Michigan), Prof. William Jones (University of Rochester), Prof. Alan Goldman (Rutgers – The State University of New Jersey), Prof. Rachel Narehood Austin (Barnard College) and the medalist herself.

[Read more here](#)

The New York ACS acknowledges financial support of this event by the William H. Nichols Fund for Chemistry at the Boston Foundation.



 OPPORTUNITIES

For High School Students & Teachers

Presidential Awards for Excellence in
Mathematics and Science Teaching
[Nominations due January 9](#)

ACS-Hach Professional Development Grant
[Due January 21](#)

ACS Project SEED
[Applications open in February](#)

For Undergraduates

I.M. Kolthoff Enrichment Award
[Due January 9](#)

ACS Scholars Program
[Due March 1](#)

ACS Bridge Program
[Due March 15](#)

For Graduate Students / Postdocs

ACS Public Policy Fellowships
[Due January 15](#)

CAS Future Leaders
[Due January 29](#)

For Professionals

ACS Public Policy Fellowships
[Due January 15](#)

Organic Process Research & Development
Outstanding Publication of the Year
[Due January 22](#)

Camille Dreyfus Teacher-Scholar Awards
[Due February 1](#)

ACS Heroes of Chemistry Awards
[Due February 1](#)

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2023

**Camille Dreyfus
Teacher-Scholar
Awards Program**

awards deadline announcement

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

GRANTS & AWARDS

CHEMLUMINARY AWARDS

ACS ChemLuminary Awards honor the best examples of programming, outreach, and operations from ACS local sections, technical divisions, regional meetings, and international chemical sciences chapters.

DUE FEBRUARY 15, 2023

[View the ChemLuminary Award Descriptions](#)

LOCAL SECTION PUBLIC RELATIONS AWARD

To recognize outstanding efforts by ACS local sections to promote chemistry to the public or to local section members

DUE FEBRUARY 15, 2023

[Learn more](#)

HELEN M. FREE AWARD FOR PUBLIC OUTREACH

An award of \$1000 that recognizes outstanding volunteer achievements in the field of public outreach by a member of the ACS who improves public recognition and appreciation for the contributions of chemistry.

DUE FEBRUARY 15, 2023

[Learn more](#)

CORPORATION ASSOCIATES LOCAL SECTION & INTERNATIONAL CHAPTER GRANT

Up to \$1000 for for ACS local sections and international chapters to promote industry-focused events.

DUE FEBRUARY 15, 2023

[Learn more](#)

LOCAL SECTION SUSTAINABILITY GRANT

Up to \$500 for the promotion of opportunities that enhance the chemical community's awareness of and the essential role of chemistry in responding to sustainability challenges.

DUE FEBRUARY 18, 2023

[Learn more](#)

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, 2023

[Learn more](#)



UPCOMING POLY AWARDS

Call for Nominations



POLY is currently accepting award applications for the following awards:

ACS Macro Letters/
Biomacromolecules/Macromolecules Young
Investigator Award

Purpose: honor the contributions of two individuals, early in their careers, who have made a major impact in the field of polymer science.

Deadline: January 22, 2023

Henkel Award of Outstanding Graduate Research in
Polymer Science and Engineering

Purpose: Recognize a graduate student or recent graduate who has completed an outstanding Ph.D. thesis in research accepted by a U.S. or Canadian university.

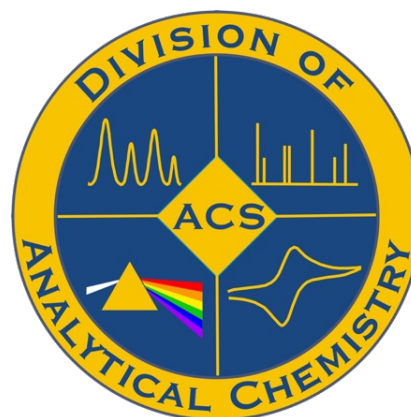
Deadline: January 25, 2023

For complete information visit the POLY Awards Webpage listed below

Award Information: <https://polyacs.org/awards/>

NEWS FROM OUR PARTNERS

The [Analytical Division](#) is the third largest division of the American Chemical Society. It organizes programming at the spring and fall ACS meetings, [Pittcon](#), the [SciX conference](#) and the [Eastern Analytical Symposium \(EAS\)](#). The ANYL Division website provides a variety of information and member services, including the [Analytical Sciences Digital Library](#). The division has a wide range of outreach programs including student travel grants and regional meeting support. Its award program includes undergraduate, graduate and professional awards. This member oriented and directed group works for you! We welcome new members. Please join and/or volunteer to help on one or more activities.



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

Assistant Professor, Energy & Materials Science – Stony Brook University

[Apply here](#)

Assistant/Associate Professor, Chemical Biology – Stevens Institute of Technology

[Apply here](#)

Assistant Professor, Environmental Analytical Chemistry – Lehman College

[Apply here](#)

Assistant Professor, Chemistry – NYC College of Technology

[Apply here](#)

Industrial Positions

Associate Scientist, Viral Vaccines - Pfizer

[Apply here](#)

Principal Scientist, Analytical Chemist - Pall Corporation

[Apply here](#)

Scientist II or III, Hazardous Reaction Laboratory Chemist - Parexel

[Apply here](#)

R&D Chemist (Personal Care) – kdc/one

[Apply here](#)

QC Lab Technician, 1st Shift – PDI Healthcare

[Apply here](#)

Sr. Director of Medicinal Chemistry – Eikon Therapeutics

[Apply here](#)