

Contents

NJACS Meetings	2
2022 Award for Creativity in Molecular Design & Synthesis	2
NJACS NMR Topical Group	3
2022 ACS Fellows	3
NYACS Meetings	5
Long Island Subsection	5
Younger Chemists Committee	6
Meeting Reports	7
Opportunities	9
This Month in Chemical History	10
Job Board	12
Work-Life Balance: Finding Your Ikigai	12

CONGRATULATIONS



Calendar of Events

- September 9, 2022**
Younger Chemists Committee
- September 15, 2022**
Long Island Subsection
- September 15, 2022**
Abstract deadline for 2022 Creativity in Molecular Design & Synthesis Symposium
- September 19, 2022**
New York ACS Board of Directors Meeting
- September 19, 2022**
North Jersey ACS Executive Committee Meeting

DR. KAREN I. GOLDBERG SELECTED AS THE 2023 WILLIAM H. NICHOLS MEDALIST



The New York Section of the American Chemical Society is pleased to announce that the Nichols Award Jury has chosen Professor Karen Goldberg to be the William H. Nichols Medalist for 2023. Professor Goldberg is the inaugural Director of the Vagelos Institute for Energy Science and Technology at the University of Pennsylvania (Penn) and a Vagelos Professor in Energy Research and Chemistry. She is being honored for her *pioneering work in organometallic reaction mechanisms*. The Nichols Medal Award will be presented at the Nichols Award Dinner that follows the Distinguished Symposium in her honor.

[Learn more about Prof. Goldberg here](#)

Further details about the Nichols Symposium for 2023, entitled:

Catalysis for a Sustainable Future

will be featured in an upcoming editions of the Indicator and on the New York ACS website.

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](#).

September 19	November 14
October 17	December 12

2022 AWARD FOR CREATIVITY IN MOLECULAR DESIGN & SYNTHESIS



The North Jersey ACS Organic Topical Group is proud to announce that 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. Local graduate students, undergraduate students and post-docs in chemistry are encouraged to submit an abstract for the poster session to be held during the symposium in honor of Prof. Bertozzi.

Abstract submission deadline: September 15, 2022

[Download flyer for more details](#)

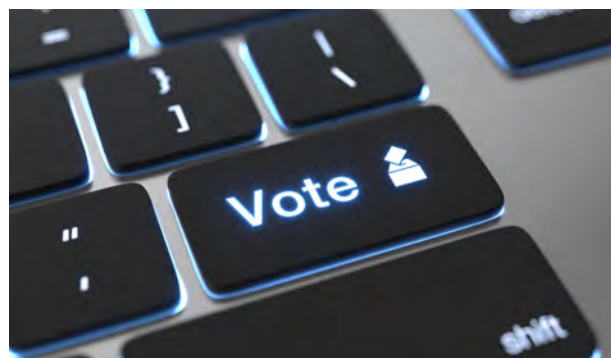
NORTH JERSEY NMR TOPICAL GROUP

The NJACS NMR Topical Group is proud to present its Annual NMR Symposium to be held on **October 24th, 2022** from **1-8 PM ET**! This in-person event held at the Frick Chemistry Laboratory Auditorium at Princeton University will include presentations from: [Hari Arthanari](#) (Dana-Farber Cancer Institute / Harvard Medical School), [Kevin Gardner](#) (CUNY Advanced Science Research Center / CCNY), [Tatyana Polenova](#) (University of Delaware), [Frank Delaglio](#) (NIST / University of Maryland) [Lauren Marbella](#) (Columbia University) and a Keynote session presented by [Mei Hong](#) (MIT)! Check our [Website](#), [LinkedIn](#), and [Twitter](#) for further details and to register.

NORTH JERSEY ACS ELECTION

The North Jersey Section ACS 2023 election will take place online from the **middle of September through the middle of October**. Balloting will be electronic and managed by [Vote-Now.com](#). Ballots will be sent to all current North Jersey ACS members via the email address that they registered with ACS.

We are still seeking candidates for the positions of Chair Elect (one) and Councilor (three). Please [email our Secretary](#) the name of a NJACS member who would be interested in running.





FAIR FOR EMERGING RESEARCHERS (FER)

FER is a 16-week long research and mentorship program for middle school students. Students explore their own research interests using the scientific method and prepare a presentation for a virtual science fair. FER teaches scientific critical thinking skills and enhances the diversity in STEM.

Interested in participating, volunteering or supporting?
Contact us at info@scienceFER.org

[Download flyer here](#)

NORTH JERSEY ACS'S STEVEN SILVERMAN HONORED AS ACS FELLOW

Dr Steven M. Silverman, previous Chair of NJACS Organic Chemistry Topical Group, has been elected a 2022 Fellow of the American Chemical Society (ACS). Dr. Silverman is an outstanding scientist with a strong track record of leadership both in pharmaceutical industry and in the ACS community. Notably, Steve made significant contributions to development of BMS-663068, currently in late-stage clinical trials as the novel HIV attachment inhibitor Fostemsavir. Dr. Silverman has also demonstrated a deep commitment to the American Chemical Society including his current service as Program Chair and Symposium Planning Committee Chair of the Division of Organic Chemistry



[Read more here](#)

CHEMLUMINARY AWARDS FOR NORTH JERSEY ACS & NEW YORK ACS

Both the North Jersey and New York local sections were honored at the 24th Annual ChemLuminary Awards held during the Fall ACS Meeting & Exposition in Chicago.

The North Jersey ACS earned the following four ChemLuminary Awards:

- Outstanding US National Chemistry Olympiad
- Outstanding High School Student Program Award
- Outstanding Local Section Industry Event
- Outstanding Performance by a Local Section – Large Size category

The New York ACS earned two ChemLuminary Awards, as follows:

- Outstanding Virtual Event for CCEW or NCW
- Best Program or Activity Stimulating Member Involvement



NEW YORK ACS'S ALISON HYSLOP HONORED AS ACS FELLOW

Associate Dean Alison Hyslop, Ph.D., of St. John's University has been named an American Chemical Society Fellow for her contributions to the science/profession of chemistry and her service to the American Chemical Society. Dr. Hyslop is being recognized for her long-standing contributions to inclusive excellence in chemistry education at multiple levels across multiple institutions. Dr. Hyslop is also being recognized for her impact as an ACS volunteer at the local, regional and national levels. She was the 2016 Chair of the NYACS, the General Co-Chair of MARM 2022 & 2023 and serves on the Society's Member Affairs Committee.

[Read more here](#)

PROF. MARLON MORENO SELECTED AS NEW YORK SECTION'S OUTSTANDING SERVICE AWARDEE FOR 2022

Professor Marlon Moreno, of Queensborough Community College – The City University of New York, has been selected to receive the New York Section's 2022 Outstanding Service Award. Marlon is being honored for his selfless service to the New York Section over the last decade. The Outstanding Service Award will be presented at the Sectionwide meeting in January 2023.

[Learn more here](#)

**NEW YORK ACS MEMBERS HONORED AT MARM 2022**

Two New York ACS members were honored at the 2022 Middle Atlantic Regional Meeting Awards dinner on June 6th. Mr. Frank Romano (left photo) of Agilent Technologies received the E. Ann Nalley Regional Award for Volunteer Service to the American Chemical Society. Mrs. Nadia Makar (right photo) of Jose Marti Academy received the 2022 Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences from the ACS Committee on Minority Affairs.



NEW YORK MEETINGS

LONG ISLAND SUBSECTION

Liquid Fire or Greek Fire: How this Incendiary Weapon Prevented the Fall of Constantinople During the 7th Century AD

Speaker: Dr. Paris Svoronos, Professor Emeritus
Queensborough Community College

Date: **Thursday, September 15, 2022**

Place: Via [Zoom](#)

Time: 6:00 PM

[Registration is free](#)



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:

September 19, 2022 (hybrid)


[Info on other dates](#)

WANT TO REACH 6,200 ACS MEMBERS WHILE SUPPORTING STEM PROGRAMS?

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. Revenue from The Indicator is used to support the variety of New York ACS and North Jersey ACS programs described within it. These include technical seminars / symposia, educational / professional development events, and public outreach events.

[Click here](#) to request a copy of our new rate sheet and reply form via email. The October deadline is September 16th.

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YOUNGER CHEMISTS COMMITTEE**"HOPPY" HOUR NETWORKING EVENT**

Date: Friday, September 9, 2022
Place: Ebbs Brewing
Time: 4:00 PM
Cost: \$10 for age 21+ / Free for those under 21
 Free event parking at Citi Field Lot G

[Download Flyer](#)

**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](#)

HUDSON-BERGEN SUBSECTION**A Green Chemistry Approach to the Development of Novel Antibacterial Agents**

In celebration of National Chemistry Week

Speakers: Dr. Margaret E. Kerr (at right)
 Dr. Maura C. Pavao
 Worcester State University

Date: Thursday, October 20, 2022
Place: Via [Zoom](#) from Fairleigh Dickinson University
Time: 5:30 PM



RSVP by October 13, 2022
 to [Dr. Mihaela Leonida](#) or [Mr. Thomas Drwiega](#)

MEETING REPORTS

THE INDICATOR VOLUMES DONATED TO THE SCIENCE HISTORY INSTITUTE

On August 9, 2022, a complete set of bound copies of *The Indicator*, and its predecessor, the *New Jersey Chemical Society Bulletin*, from 1919 to 2002 were donated to the [Science History Institute](#) (SHI) in Philadelphia. Representatives included Dr. Neil Jespersen, Chair of the Committee on the History of the NY Section; Marilyn Jespersen, long-time administrator of the NY Section, now retired, Dr. Mary Virginia Orna, Chair-Elect of the NY Section, and Dr. John Sharkey, archivist and historian (from L-R in the image at right).

[Read more here](#)



The Indicator is YOUR newsletter: Please Contribute!

The success of *The Indicator* depends on contributions from the North Jersey ACS & New York ACS membership. Please let us know if you are organizing an event so that we can help get the word out using *The Indicator*, the section websites, and social media channels. After an event, send us a short article with photos to memorialize the activity. If you have a perspective that you would like to share with your fellow members like the one on page 12 of this issue, please let us know.

[Email the Editor](#)

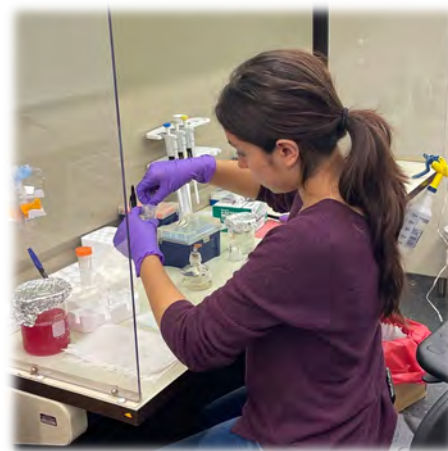
COMMITTEE ON THE HISTORY OF THE NEW YORK LOCAL SECTION

Over the past twenty-three years the New York Section has participated in the designation of seven National Historic Chemical Landmarks and four New York Section Historic Chemical Landmarks. A brief description of these National and local section landmarks may be found on the NY Section [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 an historic chemical landmark. The Committee on the History of the NY Section will consider all nominations. In addition to a particular achievement, an historic library, building or association may be worthy of this distinction. Please send your nomination, with supporting documentation, to the Committee Chair, [Dr. Neil Jespersen](#).

PROJECT SEED 2022


The New York ACS had a very successful [Project SEED](#) (Science Experience for Economically Disadvantaged) program in 2022. Students did research at several local universities including Columbia University and Stevens Institute of Technology. Students participated in both SEED I and SEED II and some attended the ACS Summer Camp. Many thanks to the research mentors for providing bright young students from inner cities with opportunities to acquire skills that will help them to be prepared for careers in the STEM fields.



Krystinna Arevalo

[Read more here](#)

Merck
Computational & Structural Chemistry
Virtual Career Day 2022



Wednesday September 7, 2022
12:00-2:30 PM EDT



For general questions or to send questions to the panelists in advance, please contact us at: jill.chrencik@merck.com

[Registration Link](#)

CALL FOR NOMINATIONS

CALL FOR NOMINATIONS: OUTSTANDING COLLEGE CHEMISTRY TEACHING AWARDS

The New York Section is seeking nominations for the following 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, 2022. Candidates need not be members of the ACS..

Grant Opportunities

ACS PETROLEUM RESEARCH FUND

DUE OCTOBER 14, 2022

[Learn more](#)

SCIENCE CAFÉ MINIGRANTS

DUE OCTOBER 15, 2022

[Learn more](#)

GLOBAL INNOVATION IMPERATIVES GRANT

DUE NOVEMBER 1, 2022

[Learn more](#)

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

DUE NOVEMBER 12, 2022

[Learn more](#)

OPPORTUNITIES

For High School Students & Teachers

Ciba Travel Award in Green Chemistry

[Due October 9](#)

ChemClub Community Activity Grant

[Due November 1](#)

James Bryant Conant Award in High School Chemistry

[Due November 1](#)

For Undergraduates

Joseph Breen Memorial Fellowship

[Due October 9](#)

Ciba Travel Award in Green Chemistry

[Due October 9](#)

For Graduate Students / Postdocs

Arnold O. Beckman Postdoctoral Fellowship

[Letter of Intent due September 6](#)

Joseph Breen Memorial Fellowship

[Due October 9](#)

Ciba Travel Award in Green Chemistry

[Due October 9](#)

National Research Council Research Associateship Program

[Due November 1](#)

Truman Fellowship - Sandia National Laboratory

[Due November 1](#)

For Professionals

Jonathan L. Sessler Fellowship for Emerging Leaders in Bioinorganic and Medicinal Inorganic Chemistry

[Due September 15](#)

2023 Alan T. Waterman Award

[Due September 16](#)

Joseph Breen Memorial Fellowship

[Due October 9](#)

Young Industrial Polymer Scientist Award

[Due October 21](#)

ACS Division of Analytical Chemistry Younger Chemists Conference Travel Grants

[Due November 1](#)

The Dreyfus Prize in the Chemical Sciences

[Due December 1](#)



[EAS Registration now open](#)

[Poster abstracts due September 5, 2022](#)



[Abstracts due October 17, 2022](#)

THIS MONTH IN CHEMICAL HISTORY

This month's contribution examines "Physical Organic Chemistry: Reaction Rates, Equilibria, and Mechanisms" by Louis P. Hammett, Professor of Chemistry at Columbia University and the William H. Nichols Medalist. It features superacids, and the namesake's famous Hammett equation relating rates and equilibria in organic reactions; a function that is explored in depth in his 1940 text.

[Read the full article here](#)



Louis P. Hammett


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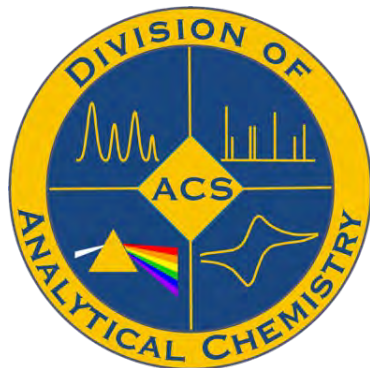
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DIVISION OF ANALYTICAL CHEMISTRY

The [Analytical Division](#) organizes programs for the spring and fall ACS Meetings, [Pittcon](#), the [SciX conference](#) and the [Eastern Analytical Symposium](#) (EAS). 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. We welcome new members. Please join and/or volunteer to help with one or more activities

Younger Chemists Travel Grants
[Due November 1, 2022](#)

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. 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!

**The deadline for
submitting material for
the October issue of The
Indicator is September 16th**

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



HUDSON VALLEY SCIENCE CAFÉ

The Hudson Valley Science Café announces its Fall 2022 schedule of events. Individuals who are vaccinated against COVID-19 may attend these in-person events.

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](#)

September 28, 2022

The Hudson Valley – A Billions Years of
 History
 Steven H. Schimmrich
 SUNY Ulster Community College

October 26, 2022

The Science of Magic
 Dr. Willie K. Lee
 Society of American Magicians

November 16, 2022

Evolution in Higher Education Today: The Bad
 and The Ugly
 Glenn Geher, Ph.D.
 SUNY New Paltz

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.

Lecturer, Chemistry – Monmouth University

[Apply here](#)

Assistant Professor, Organic Chemistry – Iona College

[Apply here](#)

Assistant Professor, Biochemistry (broadly defined) – Fordham University

[Apply here](#)

Industry Assistant Professor, Chemistry – NYU Tandon School of Engineering

[Apply here](#)

Assistant Professor, Chemistry – Princeton University

[Apply here](#)

Assistant Professor, Physical or Biophysical Chemistry – Hobart William Smith Colleges

[Apply here](#)

Special Agent, STEM Background – Federal Bureau of Investigation

[Apply here](#)

Principal Scientist, Analytical Chemist – Pall Corporation

[Apply here](#)

Senior Scientist, Materials Science – Merck & Co., Inc.

[Apply here](#)

Senior Principal Scientist Toxicology – Sanofi

[Apply here](#)

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

WORK-LIFE BALANCE : FINDING YOUR IKIGAI

Brian Carter, *Leader of Strategic Partnerships @ Khan Academy*

This contributed article explores the Japanese concept of Ikigai (ee-kee-gahy), which means “reason for being”, within the context of work-life balance. The author reflects on his circuitous career path from graduate school researcher to public high school teacher to ACS Congressional Fellow back to high school teaching and ultimately as leader of strategic partnerships Khan Academy.

“When I look back on the different jobs I have had,
I find that I was happiest when I was able to balance my passions and interests
with what the world needs and people are willing to pay me to do.”

[Read the full article here](#)