





FEBRUARY 2023 Vol. 104 • No. 2

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### **Calendar of Events**

**February 2, 2023**Long Island Subsection

**February 13, 2023** 

New York ACS Board of Directors Meeting

February 15, 2023

MetroWomen Chemists'
Committee

**February 16, 2023**Indicator Submission Deadline

**February 20, 2023** 

North Jersey ACS Executive Committee Meeting

February 23, 2023 NMR Topical Group

# MARLON MORENO NAMED NYACS OUTSTANDING SERVICE AWARDEE

"Marlon is a friendly, no-nonsense educator of the highest caliber. He is beloved by his students and colleagues, with whom he is **overly generous with his time**."

Marlon Moreno is not only a full-time faculty at Queensborough Community College – CUNY (QCC) where he teaches an astounding load of twelve lecture and lab courses, he is also the quiet force behind a variety of outstanding New York ACS events. The descriptors 'spearhead' and 'backbone precede virtually every mention of his activities for NYACS over a period of decades of service.

He served as Chair of the Long Island subsection, as a key member of the LIACS Chemistry Challenge organizing committee, as a member of the Frances S. Sterrett Environmental Chemistry Symposium, and Chair of the NY ACS Information Technology Committee. In addition, he is an omnipresent volunteer during National Chemistry Week.

Read more about Marlon Moreno here

# **NEW YORK MEETINGS**

### THE CHEMISTRY OF LOVE

Celebrate the Chemistry of Love with with a funfilled and informative discussion of love, the most fundamental human need. There will be HEART-healthy blender bar breakfast, LOVELY gifts, lunch, fun raffles and more! <u>Registration</u> is FREE for this in-person event, but *seats are limited* so <u>register</u> early.

**Speaker:** Dr. Eric Chang

**Pace University** 

Date: Sunday, March 5, 2022

**Place:** Bianco Room, Pace University 10:00 AM – 2:00 PM in person

Registration is required

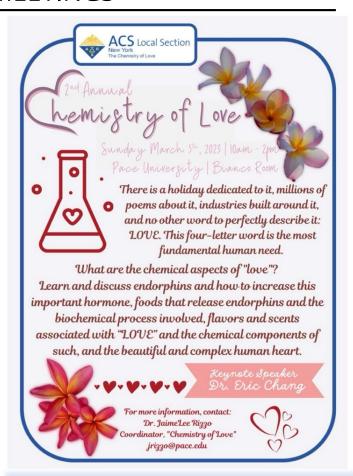
Proof of vaccination or negative COVID test is required to attend.

#### **BOARD MEETING DATES FOR 2023**

The dates for all of the Board Meetings of the ACS New York Section for 2023 are online. The meetings are open to all – everybody is welcome. All members who would like to attend any of the meetings should inform the New York Section office by emailing Ms. Bernadette Taylor. Mary Virginia Orna, Ph.D. will Chair all meetings. The meetings will start at exactly 6:30 PM.

The next four board meeting dates are, as follows:

Monday, February 13, 2023 (virtual only)
Monday, March 20, 2023 (hybrid)
Friday, April 8, 2023 (in person)
William H. Nichols Symposium and
Medal Award Dinner at the Sonesta
Hotel, White Plains, NY.
Monday, June 5, 2023 (hybrid)



# Potential Advertisers Want to reach 6,200 ACS Members?

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.

<u>Click here</u> to request a copy of our new rate sheet and reply form via email. The March issue deadline is February 16<sup>th</sup>.

http://www.theindicator.org/

### **METROWOMEN CHEMISTS' COMMITTEE**

An event in celebration of the life and legacy of Dr. Marie Maynard Daly with the National Historic Landmark Dedication

#### More Than a Bunsen Burner

**Speaker:** Rolande Hodel, Ph.D., Founder and President

**AIDSfreeAFRICA** 

Date: Wednesday, February 15, 2023

**Time:** 12:00 PM

**Place:** Pace University, One Pace Plaza

New York NY 10039

and via **Zoom** (Passcode: 618884)

Download flyer here



### LONG ISLAND SUBSECTION



#### Let's Talk about Cannabinoids

**Speaker:** Ling Huang, Ph.D.

Department of Chemistry

Hofstra University

Date: Thursday, February 2, 2023

**Time:** 6:00 PM via **Zoom** 

Download flyer here

# NICHOLS FOUNDATION HIGH SCHOOL CHEMISTRY TEACHER HONORED

"[She pushes students] to develop personal responsibility in their own lives. Her enthusiasm is unwavering and the spectacular atmosphere that she has created allows even students who struggle to succeed."

— Student of Ms. Drury



The New York Section is proud to honor Kristen Drury, M.A., of the William Floyd High School in Mastic Beach, NY, with the 2022 <u>Nichols Foundation High School Teacher Award</u>. Ms. Drury earned her B.A. in chemistry and her M.A. in Liberal Science Studies both at Stony Brook University and has taught chemistry (General, Advanced Placement, Regents and Honors) at William Floyd High School, Mastic Beach, NY, from 2005 untill the present. She has also been an Adjunct Professor at Stony Brook University since 2017.

### DR. MARIE MAYNARD DALY US NATIONAL HISTORIC LANDMARK DEDICATION

Where: Columbia University

Havemeyer Hall 3900 Broadway New York, NY 10016

**Date:** Friday, May 19, 2023 Time: 10:00 AM – 2:00 PM

Download flyer here RSVP here



# **Help Us Inspire the Next Generation of STEM Professionals**

The New York Section is celebrating Dr. Marie Maynard Daly throughout 2023. This includes the symposium and National Historic Chemical Landmark dedication in her honor at Columbia University, school visits to discuss her life and promote diversity in STEM education, teacher outreach at MARM 2023 and a public exhibit at the New York Hall of Science. We need your help to honor her.

Time:

Click here to <u>volunteer</u> Click here to <u>donate online</u> Click here to <u>donate via check</u>

## 10th ANNUAL CHEMISTS CELEBRATE EARTH WEEK EVENT



Where: Jones Beach Energy & Nature Center

150 Bay Parkway Wantagh, NY

Date: Sunday, April 16, 2023

Register here for FREE

Please register by April 8, 2023

11:00 - 3:00 PM

Download flyer here

# WESTCHESTER CHEMICAL SOCIETY

# The Science and US History of Whisky Making

**Speaker:** Victor Margiotta, M.S., President

VMAR Food Labeling Associates, LLC Wednesday, March 8, 2023

Date: Wednesday, March 8, 5:30 PM refreshments

6:00 PM Seminar

**Place:** Gateway 110

Westchester Community College

(Hybrid option available)



# NORTH JERSEY 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. 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>

February 20 (virtual) March 20 (virtual) April 17 (virtual) May 22 (hybrid) June 19 (hybrid)

September 18 (hybrid) October 23 (virtual) November 13 (virtual) December - TBD

# NJACS NMR TOPICAL GROUP

### **Elucidating Spider Silk Structure and Assembly with NMR**

**Speaker:** Gregory P. Holland, Ph.D.

Department of Chemistry and Biochemistry

San Diego State University

Date: Thursday, February 23, 2023

Time: 12:00 PM via MS TEAMS



# The Indicator is posted to the web 1st of the month at

http://www.theindicator.org/

# CHROMATOGRAPHY TOPICAL GROUP IS GETTING READY FOR A GREAT 2023!

The Executive Board of the New Jersey Chromatography Group, North Jersey's Chromatography Topical Group, met in January to start finalizing our exciting plans for 2023. Events are planned for March (Cannabis analysis), May (Protein assay / peptide quantitation / analysis), and our annual symposium in September. A joint meeting with another group is planned for November.

NJCG

We are seeking potential speakers for our May event focusing on protein assay / peptide quantitation / analysis – send our Chair a note <u>by clicking here!</u>

Check out <a href="https://www.njcg.org/">https://www.njcg.org/</a> for news on past events and updates on new events as they occur!

# CONGRATULATIONS TO NJACS 2022 VOLUNTEER OF THE YEAR DR. SANDRA KEYSER!



# THANK YOU!

Dr. Sandra Keyser has been an invaluable volunteer with the North Jersey Local Section since 2012. Sandra served as chair of the 2022 ChemExpo in October 2022, the North Jersey ACS's National Chemistry Week event, in partnership with Liberty Science Eight schools participated Center. ChemExpo and more than 1500 visitors attended the variety event. Α demonstrations were presented by over 60 volunteers, including high school and college students, professors, industrial and retired chemists, to provide visitors the opportunity to engage in learning the chemistry of fabrics.

Read more about Dr. Sandra Keyser here

# PROCTORS SOUGHT FOR VIRTUAL US NATIONAL CHEMISTRY OLYMPIAD

Proctors for the US National Chemistry Olympiad Local Exam are being sought at this time. The exam will be offered online on Saturday, March 5 and Sunday, March 6 from 10:00 a.m. to noon. Please contact the New York ACS US National Chemistry Olympiad Committee Chair Stephen Z. Goldberg for more information.

**Dates:** March 5 and/or 6, 2023

**Time:** 10:00AM – Noon

**Place:** via Zoom



## THIS MONTH IN CHEMICAL HISTORY

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

This month's contribution continues the review of the "Annual Reports of the Progress of Chemistry'. This volume, from 1933, discusses free radical chemistry, issues with determining atomic weights and the preparation of OF<sub>2</sub>.

Read more here

### **OUTSTANDING COLLEGE TEACHING AWARDEES**

The New York Section is proud to recognize the following winners of the 2022 College Teaching Awards.

**Outstanding Two-Year College Chemistry Teaching Award** 

**Dr. Sunej Hans,** Bronx Community College – CUNY

**Outstanding Four-Year Undergraduate College Chemistry Teaching Award** 

Dr. Sunghee Lee, Iona University

**Outstanding Four-Year Undergraduate College Chemistry Teaching Award** 

**Dr. Sabesan Yoganathan, St. John's University** 

Congratulations to these inspiring educators, click on their photos for more details.



Dr. Sunej Hans (left)

Dr. Sunghee Lee

Dr. Sabesan Yoganathan



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# **MIDDLE ATLANTIC REGIONAL MEETING (MARM 2023)**

The New York ACS is hosting the 2023 Middle Atlantic Regional Meeting of the ACS (MARM2023) www.marm2023.org 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 contains sessions on the Chemistry of Life Sciences, Materials Chemistry, Cosmetic Chemistry, Chemistry, and Flavor & Fragrance Chemistry. These are augmented with poster sessions, an exposition, a graduate school fair, a workshop on promotion to full professor, a social media social, a plenary lecture, an ACS Governance social, a 50-,60-,70-year member luncheon and an awards dinner

> **Download flyer here Abstract submission is open Registration opens in late February**

51st Middle Atlantic Regional Meeting 2023 June 9-10, 2023







A mini-MARM sponsored by the New York ACS at The Graduate Center of the City University of New York and St. John's University

#### **Symposia Topics**

Flavor and Fragrance Chemistry Cosmetic Chemistry **Environmental Chemistry** Forensic Chemistry Chemistry of Life Sciences Materials Chemistry

#### **Featuring**

Career Services Chemagination Exposition Senior Chemists' Luncheon Awards Banquet

General Chairs: Alison Hyslop, <a href="https://www.hyslopa@stjohns.edu">hyslopa@stjohns.edu</a> Joseph Serafin, serafini@stiohns.edu Program Chair: Brian Gibney, bgibney@gc.cuny.edu

### NOMINATE A COLLEAGUE FOR A 2023 MARM AWARD NOW

### Stanley C. Israel Regional Award for Advancing Diversity in the Chemical **Sciences**

This award is sponsored by the ACS Committee on Minority Affairs. Nominations are submitted via the link on the award website.

Deadline: March 1, 2023

# E. Emmet Reid Award in Chemistry **Teaching at Small Colleges**

Information on this award and nomination procedures this are in document. Nominations are submitted via email to awards@marm2023.org Please state "Emmet Reid Award" in the subject line.

Deadline: March 8, 2023

### E. Ann Nalley Middle Atlantic Regional Award for Volunteer Service to the ACS

nomination Please this use form. Nominations are submitted via email to awards@marm2023.org Please state "E. Ann Nalley Award" in the subject line.

Deadline: March 8, 2023

### **ACS Division of Chemical Education Middle** Atlantic Region Award for Excellence in **High School Teaching**

Please this nomination use form. Nominations are submitted via email awards@marm2023.org Please state "Award for Excellence in High School Teaching" in the subject line.

Deadline: March 8, 2023

# WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM & AWARD BANQUET

# **Catalysis for a Sustainable Future**



A distinguished symposium honoring

# **Professor Karen Goldberg**

University of Pennsylvania for pioneering work in organometallic reaction mechanisms

Followed by the Medal Award Banquet

Date: Friday, April 14, 2023 Sonesta Hotel, White Plains, NY Time: 1:00 PM – 9:00 PM

<u>Download details and the reservation form</u> **Banquet reservation deadline is April 5, 2023** 

Supported in part by the William H. Nichols Fund For Chemistry at the Boston Foundation

# **OPPORTUNITIES**

# For High School Students & Teachers

**ACS Project SEED** 

Applications open in February

Webinar on February 15

ChemClub Student Scholarship

Due March 31

ACS-Hach Second Career Teacher Scholarship

Due May 1

# For Undergraduates

AWIS Dr. Vicki L. Schechtman Scholarship

Due February 28

**ACS Scholars Program** 

Due March 1

ACS Bridge Program

Due March 15

Priscilla Carney Jones Scholarship

Due May 1

# **Graduate Students / Postdocs**

ACS Green Chemistry & Engineering Conference Travel Awards

<u>Due February 13</u>

AWIS Distinguished Doctoral Research Scholarship

**Due February 28** 

# For Professionals

ACS Petroleum Research Fund

Applications open February 13

Due March 10

**AWARDS & GRANTS** 

LOCAL SECTION PUBLIC RELATIONS AWARD

**DUE FEBRUARY 15, 2023** 

<u>Learn more</u>

HELEN M. FREE AWARD FOR PUBLIC OUTREACH

**DUE FEBRUARY 15, 2023** 

<u>Learn more</u>

CORPORATION ASSOCIATES
LOCAL SECTION &
INTERNATIONAL CHAPTER GRANT

**DUE FEBRUARY 15, 2023** 

<u>Learn more</u>

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GRANT

**DUE FEBRUARY 18, 2023** 

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# FROM OUR PARTNERS

## SAN DIEGO ACS

Join the San Diego ACS and learn to make Rocky Road Candy – Just in time for Valentines Day! Explore the chemistry behind its marshmallow base which is enshrined in chocolate. This Zoom presentation allows you to follow along with Chef Victor Araiza as he makes this delectable confection and Professor Robyn Araiza as she explains its chemistry. Don't forget to pick up the ingredients and a candy thermometer!

Date: Thursday, February 9, 2023

**Time:** 7:00 PM (PST)

Registration link



# FROM OUR PARTNERS

# JOINT NOBCCHE & NORTHEASTERN ACS MEETING



Joint NE NOBCChE-NESACS Meeting Henry Hill Lecture and Award Recognition

Thursday – February 9, 2023

George Robert White Building, Rm 300

Massachusetts College of Pharmacy and Health Sciences
179 Longwood Ave, Boston, MA 02115



Featuring: Professor Malika Jeffries-EL, Professor of Chemistry and Associate Dean of the Graduate School in Arts and Sciences at Boston University. For more information: <a href="https://sites.bu.edu/el/">https://sites.bu.edu/el/</a>

Title: From molecules to materials: Design and synthesis of organic semiconductors for advanced applications

Synopsis: The dramatic increase in the number of consumer electronics in use has produced a large amount of interest in the development of organic semiconductors, as many of the inorganic materials used in electronic devices are in limited supply. These materials possess many exceptional electronic, optical, and thermal properties, and thus are well suited for applications, such as transistors, solar cells, and light emitting diodes. Unfortunately, several issues must be addressed before real-life products can be developed. Our group designs and synthesizes new organic semiconductors based on low cost and/or easily prepared starting materials. Our group developed several new materials, including wide band gap materials for use light-emitting diodes and narrow band gap materials for use in photovoltaic cells. Our recent work will be presented.



Hanaring: Dr. Patrick Gordon, 2023 Henry A Hill Award for Conspicuous Service to the Northeastern Section.

Dr. Gordon is starting his second term in the NESACS chair succession in 2023 as chair-elect and program chair and in 2024 as chair; he also served in this role in 2010 and 2011. He has served the Section in many roles including councilor or alternate councilor (1994-2023); Board of Publications member (1999-2008) and chair (2000); chair of the NERM Symposium on Cannabinoids (1989). Centennial Committee Co-Chair (1998) and Auditor (2016-2020). He also contributed to the

development of Section's Code of Conduct. He is a member of the faculty at Massachusetts College of Pharmacy and Health Sciences. Join the Northeastern ACS and the National Organization of Black Chemists and Chemical Engineers for the Henry Hill Lecture and Award Recognition event.

Prof. Malika Jeffries-El will present the Henry Hill Lecture, entitled:

From molecules to materials: Design and synthesis of organic semiconductors for advanced applications

Dr. Patrick Gordon will receive the 2023 Henry A. Hill Award for Conspicuous Service to the Northeastern Section of the American Chemical Society at this event.

**Date:** Thursday, February 9, 2023

**Time:** 7:30 PM (EST)

Registration link

### **PUGET SOUND ACS**

All are invited to participate in a Diversity, Equity, Inclusion and Respect book discussion led by Despina Strong of the Puget Sound ACS on March 14, 2023, at 7 pm (PDT). The book selected, On Gold Mountain, describes 100 years of the author's family's history as they moved from China to the United States. This memoir focuses on the author's great grandfather, one of the few who realized the dream of coming to the US and finding 'Gold Mountain'

**Date:** March 14, 2023

**Time:** 7:00 PM (PST)

10:00 PM (EST)

Zoom link

Submissions for the March issue of The Indicator are due on February 16<sup>th</sup>.

http://www.theindicator.org/

# JOB BOARD

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

Postdoctoral Research Associate Positions at CUNY City College of New York

More info

**Project Coordinator Position at CUNY City College of New York** 

More info

Assistant Professor, Chemical Biology and Computational Chemistry – Albert Einstein College of Medicine

**Associate Research Scientist - The Metropolitan Museum of Art** 

<u>Apply here</u>

**Chemist - Odin Pharmaceuticals** 

Apply here
Apply here

Chemist 3 - KLA

Apply here

**Chemist - Firmenich** 

Apply here

Scientist, Analytical Chemistry - Regeneron

Apply here

# **UPCOMING CONFERENCES**



Registration & housing open



