

MAY 2023 Vol. 104 • No. 5

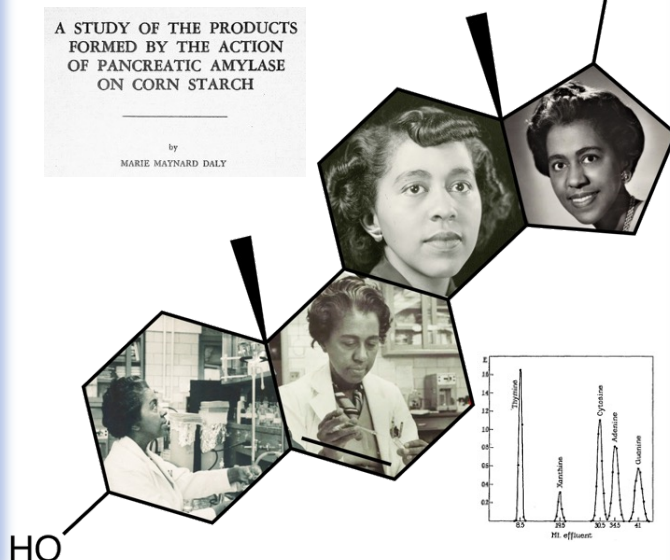
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Celebrating the life and legacy of
Dr. Marie Maynard Daly
*First African American Woman
To Earn a Ph.D. in Chemistry*

A STUDY OF THE PRODUCTS
FORMED BY THE ACTION
OF PANCREATIC AMYLASE
ON CORN STARCH

by
MARIE MAYNARD DALY



Calendar of Events

- MAY 4, 2023**
NJACS Drug Metabolism Discussion Group
- May 5, 2023**
NYACS Computers in Chemistry Topical Group
- May 6, 2023**
NYACS Undergraduate Research Symposium
- May 15, 2023**
NJACS Executive Committee Meeting
- May 16, 2023**
NJACS NMR Discussion Group
- May 19, 2023**
National Historic Chemical Landmark Dedication
- May 22, 2023**
NJACS Awards Dinner
- June 9-10, 2023**
Middle Atlantic Regional Meeting (MARM 2023)

National Historic Chemical Landmark Honoring Dr. Marie Maynard Daly

All are welcome to attend the dedication of the National Historic Chemical Landmark honoring Dr. Marie Maynard Daly, the first African American woman to earn a Ph.D. in Chemistry in the United States. [Registration is FREE](#). The dedication ceremony at her alma mater, Columbia University, will start with a symposium honoring Dr. Daly's life, contributions to science and ongoing legacy. Confirmed speakers include, the following:

- Dr. Linda Meade-Tollin (University of Arizona, *Emerita*)
- Dr. Mandë Holford (Hunter College – CUNY)
- Dr. Sibrina Nichelle Collins (Lawrence Technological University)
- Dr. Marc Walters (New York University)

Where: Columbia University
Havemeyer Hall
3900 Broadway
New York, NY 10016

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

[Register here](#)

NORTH JERSEY MEETINGS

2023 NORTH JERSEY ACS EXECUTIVE COMMITTEE MEETINGS

2023 North Jersey ACS Chair Justyna Sikorska and the Executive Council welcome you to our monthly NJACS meetings. 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 [click here](#).

May 15 (hybrid)	October 23 (virtual)
June 19 (hybrid)	November 13 (virtual)
September 18 (hybrid)	December - TBD

NORTH JERSEY ACS – CALL FOR 2023 ELECTION CANDIDATES

The North Jersey Local Section is seeking candidate nominations for the 2023 ACS local section election, which will take place online from the middle of September through the middle of October. We are looking for candidates to run for the positions of Chair Elect (one) and Councilor (three). If interested in running for these positions, or you would like more information, please contact the Local Section Secretary at bhowson@njacs.org.

NORTH JERSEY ACS MASS SPECTROMETRY DISCUSSION GROUP

The [Mass Spectrometry Discussion Group](#) is pleased to announce our **May 16, 2023, Meeting**. [NJ MSDG](#) is the second largest mass spectrometry professional association in the nation behind ASMS, with over 1,100 members in the tristate area.

Date: Tuesday, May 16, 2023
Venue: [Somerville Elks Lodge 1068](#)
 375 Union Avenue
 Bridgewater, NJ 08807
 (908) 707-1545

Program: 5:30 PM Social Time
 6:15 PM Complementary Dinner
 6:55 PM Welcome Remarks
 7:05 PM Speakers

Please [register here](#). Registration is free compliments of [SCIEX](#). Masks or no masks are respected and welcomed.



The Power of Precision

Speakers: **Eric Chan, PhD**
HotSpot Therapeutics, Inc.
Chemoproteomic workflow for target identification of small molecules allosteric inhibitors

David Colquhoun, PhD,
 SCIEX
Novel approaches to pharmacoproteomics analysis: higher throughput and deeper characterization

NORTH JERSEY ACS DRUG METABOLISM DISCUSSION GROUP

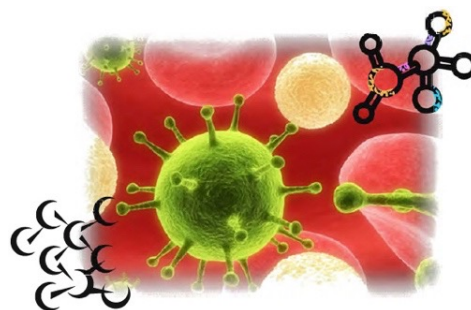
2023 Spring Symposium and Vendor Exhibition

The North Jersey ACS Drug Metabolism Discussion Group is hosting its 2023 Spring Symposium and Vendor Exhibition on May 4, 2023. This event features a full-day symposium entitled “Evolving Paradigms for Dose Selection and Emerging Models and Technologies” that covers topics ranging from dose selection paradigms to stem cell-directed targeted chemotherapy.

Date: Thursday, May 4, 2023
Time: 8:00 AM – 4:00 PM
Place: [The Palace at Somerset Park](#)
 333 Davidson Avenue
 Somerset, New Jersey
 Directions

Registration: Contact [Matthew Hoffmann](#) for details

Exhibitors: Please contact [Naiyu Zheng](#) for more information



[Download Flyer](#)



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NORTH JERSEY ACS NMR DISCUSSION GROUP



Unique Strengths of NMR Metabolomics: In Vivo Metabolism and Improved Compound Identification

Speaker: Prof. Art Edison
 Department of Chemistry
 University of Georgia

Date: **Tuesday, May 16, 2023**

Time: 11:00 AM via [MS Teams](#)

[Download flyer](#)

NJACS YOUNGER CHEMISTS COMMITTEE

The North Jersey YCC organized and is hosting the “Younger Chemists Symposia” at MARM 2023. It features a great line up of young researchers, that will be presenting on Friday June 9, 2023. If you have not registered yet, what are you waiting for!?

[Read more here](#)



ACS YOUNGER CHEMISTS COMMITTEE

The ACS National Committee on Younger Chemists is excited to host a Local Section Leadership Series professional development workshop on **Wednesday, May 10, at 7:00-8:30 pm ET**. Former ACS President Bill Carroll will guide participants in developing and implementing a strategic plan for their local section YCC.

[RSVP for this virtual event](#)









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

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NEW YORK SECTION MEETINGS

NATIONAL HISTORIC CHEMICAL LANDMARK DEDICATION CEREMONY HONORING. DR. MARIE MAYNARD DALY

The New York Section wishes to thank the following individuals and companies for financial support of our public outreach programs honoring Dr. Marie Maynard Daly. These events include the National Historic Chemical Landmark dedication ceremony, production of the short film about Dr. Marie Maynard Daly and its use in high schools, a high school teacher workshop entitled "[*Diversifying the Curriculum in High School Chemistry*](#)" as part of the [MARM 2023](#) meeting, and a museum installation at the New York Hall of Science in 2024.

Donors that contribute to these public outreach programs by May 5th will be acknowledged in the National Historic Chemical Landmark program booklet and on the New York ACS website.

Click here to [donate online](#)
Click here to [donate via check](#)

Lisa Balbes
C. Michael Greenlief
Hiroko Karan
Joseph Serafin
Rita Upmacis

Maria Contel
Barbara Hillery
Kathleen Kristian
Deborah Shanks

Ping Furlan
Robert Hoyte
Mary Virginia Orna
John Sharkey

Brian Gibney
Neil & Marilyn Jespersen
Gerard Parkin
Paris & Soraya Svoronos

CREME OF NATURE.



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COMPUTERS IN CHEMISTRY TOPICAL GROUP

Predicting optical properties of molecules in complex environments

Speaker: Dr. Tim Zuehlsdorff
Department of Chemistry
Oregon State University

Date: Friday, May 5, 2023

Time: 11:00 AM via [Zoom](#)

[Download flyer](#)



2023 UNDERGRADUATE RESEARCH SYMPOSIUM

The [70th Annual Undergraduate Research Symposium](#) being held at LaGuardia Community College, CUNY on **Saturday May 6, 2023** ([directions](#)) from **8:00AM – 2:00PM**. The New York ACS Student Activities Committee proudly sponsors this opportunity for undergraduate chemistry students in the New York Metropolitan Area to present the results of their research.

[Download program booklet here](#)

MIDDLE ATLANTIC REGIONAL MEETING MARM 2023

Where: CUNY Graduate Center
& St. John's University

Date: Friday, June 9-10, 2023

Time: 10:00 AM – 2:00 PM

[Website](#)

[Registration is open](#)



Featuring the MetroWomen Chemists Committee's "[Promotion to Full Professor Workshop](#)" and New York ACS Minority Affairs Committee's "[Diversifying the Curriculum in High School Chemistry](#)" workshops, an Exposition, and the MARM Awards Dinner.

BOARD MEETING DATES FOR 2023

The dates for the next three Board Meetings of the ACS New York Section for 2023 are below.

Monday, June 5, 2023 (hybrid)

Monday, September 18, 2023 (hybrid)

Monday, November 20, 2023 (hybrid)

[Info on other dates](#)



NEW YORK ACS 2023 ELECTIONS

The Board of Directors would like to extend its heartfelt thanks to the following candidates for accepting the nominations, and for their willingness to support the New York Local Section and chemistry through donating their time, efforts, and sharing their expertise.

Chair-Elect for 2024

Mr. Joseph Wiener (PepsiCo)
Dr. Eric Chang (Pace University)

Treasurer for 2024 – 2025

Dr. Brian Gibney (Brooklyn College)

Director-at-Large for 2024

Dr. Rakhl Agarwal (Nassau Community College)
Dr. Ipsita Banerjee (Fordham University)
Dr. Ron D'Amelia (Hofstra University)
Dr. Barbara Hillery (SUNY at Old Westbury)
Dr. Mihaela Leonida (Fairleigh Dickinson University)
Dr. Joseph Ulichny (Columbia University)
Dr. Justyna Widera-Kalinowska (Adelphi University)

Councilors for 2024 – 2026

Dr. Yosra Badiei (Saint Peter's University)
Dr. Maria Contel (Brooklyn College)
Dr. Hiroko Karan (Medgar Evers College – CUNY)
Dr. Aaron Moment (Columbia University)
Dr. Patricia Redden (St. Peter's University)
Dr. Ruben Savizky (The Cooper Union)
Dr. Frank Romano (Agilent Technologies)
Dr. Paris Svoronos (Queensborough Community College)

Alternate Councilor

-to fill current vacancies

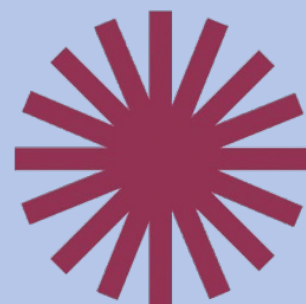
Dr. Qi Wang (Nassau Community College)

[Download candidate biographies here](#)



Crowne Plaza Princeton Conference Center | Plainsboro, NJ
November 13–15, 2023

[Engineering Career Solutions](#) is offering a virtual course on May 2-4, 2023 in **Pilot Plant and Laboratory Safety: Basic Principles and Code Compliance**. Topics include successful and efficient safety reviews, appropriate hazard analysis and risk assessment, efficient safety inspections, how to pick the best space for your operations, research standards and codes and how they affect your design and operations, NFPA 45 Fire Protection for Laboratories Using Chemicals training, overview of the National Electric Code and how it affects research activities and many other areas of interest to laboratories, pilot plants, and research operations. Group discounts are available.



[For more info, click here.](#)

**Engineering Career
Solutions**

MEETING REPORTS

2023 WILLIAM H. NICHOLS DISTINGUISHED SYMPOSIUM & AWARD DINNER

Professor Karen I. Goldberg of the University of Pennsylvania was presented with the William H. Nichols Medal Award on April 14, 2023 following a distinguished symposium in her honor. Dr. Goldberg earned the Nichols gold Medal for her “pioneering work in organometallic reaction mechanisms.” Over one hundred twenty-five chemists and guests attended the day’s events. Dr. Ping Furlan, Chair-Elect of the New York Section for 2023, superbly organized and conducted the symposium while New York ACS Chair Dr. Mary Virginia Orna emceed the award banquet.

[Read more here](#)



New York ACS Chair Mary Virginia Orna, Sandy Nichols Nash, 2023 Nichols Medalist Prof. Goldberg Naomi Goldberg and 2022 Nichols Medalist Alison Butler enjoying the reception.

CHEMISTS CELEBRATE EARTH WEEK 2023 – NEW YORK ACS

On a sunny and brisk Saturday, April 16, 2023 the New York ACS celebrated its 10th Annual CCEW at New York’s famous Jones Beach as shown below! The 2023 CCEW theme is, “The Curious Chemistry of Algae”, and the newly renovated Energy and Nature Center was the perfect venue to gather everyone to celebrate nature and algae!

[Read more here](#)



CHEMISTS CELEBRATE EARTH WEEK 2023 – NORTH JERSEY ACS

Chemists Celebrate Earth Week festivities took place on Saturday, April 22nd, at the [Meadowlands Environment Center](#). Participants learned about the Curious Chemistry of Algae by demos, activities, and an excellent talk by Sue Lewicki, Educator at the Center. NJACS volunteers Mary Okorie, Bobbi Gorman, and Miriam Gulotta showed visitors how chemistry and the environment go hand in hand.



[Read more here](#)

NEW JERSEY MASS SPECTROMETRY DISCUSSION GROUP

The NJ-Mass Spectrometry discussion group's April 11, 2023 in-person meeting saw about 90 participants enjoying a free dinner, compliments of Bruker, and amazing presentations and discussion. Wendy Zhong, PhD (Merck Research Laboratories) is shown below presenting "Label Free Molecular Imaging and Electron-based Dissociation via High Resolution Mass Spectrometry—Applications in Pharmaceutical Industry". Ethan Yang, PhD (Bruker Scientific LLC) presented "Recent Advances in High Spatial Resolution MALDI Imaging for Metabolomics and Proteomics with the Bruker timsTOF fleX MALDI-2 Platform". Be sure to check our May in-person meeting on page 2 of this issue.

[Read more here](#)



NORTH JERSEY ACS CHEMISTRY OLYMPIAD

During the month of March, 191 North Jersey students completed the local section qualifying test seeking to advance to the national test of the ACS sponsored International Chemistry Olympiad (IChO). Students competed through their schools or as independent students. The North Jersey program was organized by Dr. Jiwen Chen and the test was administered by ACS using its online platform.

[Read more here](#)



CONGRATULATIONS TO ESSEX COUNTY COLLEGE CHEMICAL SOCIETY

Congratulations to the Essex County College Chemical Society - ECS - Undergraduate ACS Chapter. The ECS Chapter received two exceptional awards for their contributions to chemistry at large and to Green Chemistry in particular. The Chapter Executive Officers and members are proud of their accomplishments and continue to thrive to bring awareness of chemistry to the greater college community. Miss Calixte Abanda, The Chapter President, and Miss Rafiatou Bakienga the chapter treasurer were accompanied by the ECS chapter Advisor, Dr. Nidhal Marashi, to the Spring 2023 ACS Annual meeting in Indianapolis, IN to receive the chapter 's two outstanding Awards -The Commendable Award & the Green Chemistry Award. The North Jersey ACS Local Section thanks ECS for contributing to the success of the section.



CONGRATULATIONS TO ACS STUDENT CHAPTERS

The New York ACS wishes to extend its most hearty congratulations to the following ACS Student Chapters. Their hard work and dedication is being recognized by the Society Committee on Education (SOCED). Their programs and events have resulted in their being awarded the following honors:

College of Mount St. Vincent (Commendable)
 Hudson Valley Community College (Commendable)
 Pace University, NYC (Commendable) and Green Chemistry Award (pictured above)
 Manhattan College (Honorable Mention)

SCIX2023 – CALL FOR ABSTRACTS

Abstract submission for SciX2023 is now open! The deadline to submit abstracts for oral presentations is May 19th, 2023.

[Submit your Abstract here](#)

OPPORTUNITIES

FOR UNDERGRADUATES

SCC Madam CJ Walker Scholarship

[Due May 19](#)

Student Chapter Awards

[Due May 31](#)

ACS Division of Inorganic Chemistry Undergraduate Award in Inorganic Chemistry

[Nomination by June 30](#)

ACS Graduate Student and Postdoctoral Scholars recognition Program

[Nominate by June 30](#)

FOR GRADUATE STUDENTS & POSTDOCS

ACS Bridge Conference

[Due May 31](#)

Dr. Mow Shiah Lin Scholarship

[Due June 7](#)

ACS Graduate Student and Postdoctoral Scholars recognition Program

[Nominate by June 30](#)

FOR PROFESSIONALS

Poehlman Award – Society of Applied Spectroscopy

[Due May 1](#)

Edward Leete Award – ACS Division of Organic Chemistry

[Due May 5](#)

William H. Nichols Medal

[Nominate by May 31](#)

Dr. Mow Shiah Lin Scholarship

[Due June 7](#)

ACS Graduate Student and Postdoctoral Scholars recognition Program

[Nominate by June 30](#)



The SAS Regional Section Affairs committee is soliciting nominations for the [Poehlman Award](#) to be emailed to the SAS Office exdir@s-a-s.org. The date for receipt of all materials is **May 1st**.

SOCIETY OF COSMETIC CHEMISTS MARY KAY scholarship funding generously sponsored by

SCC MADAM CJ WALKER SCHOLARSHIP

\$10,000 IN SCHOLARSHIP FUNDS AVAILABLE

Application available online starting April 3, 2023.

Application Deadline: **MAY 19, 2023**

Full eligibility rules, program details, and application requirements: SCCONLINE.ORG/WALKERSCHOLARSHIP

BRIDGE CAREER CONFERENCE

Applications now OPEN!

8 - 10 September
New Orleans, Louisiana
www.ACS.org/BridgeConference

ACS Chemistry for Life
Genentech

SOCIETY for APPLIED SPECTROSCOPY

The Second Annual New York Capital Region SAS Applied Spectroscopy Symposium

Theme: The Summer of Spectroscopy

FRIDAY, JUNE 23, 2023
TIME: 9:00 AM-4:00 PM
LOCATION: HOLIDAY INN EXPRESS & SUITES CONFERENCE CENTER
ADDRESS: 16 WOLF RD, ALBANY, NY

ABSTRACT SUBMISSION DEADLINE: MAY 21ST, 2023
REGISTRATION DEADLINE: JUNE 4TH, 2023

Spectroscopy and Spectrometry for:

- Forensic Sciences
- Medical Diagnostics
- Biological Studies
- Environmental Analysis
- Novel Applications

Scan To Submit Abstract

Symposium page: <https://nycrsas.wixsite.com/nycrsas/team-3>

GRANT OPPORTUNITIES**GLOBAL INNOVATION IMPERATIVES****DUE MAY 19, 2023**[Learn more](#)**SENIOR CHEMISTS COMMITTEE DIVERSITY, EQUITY, INCLUSION AND RESPECT (DEIR) GRANT****DUE MAY 31, 2023**[Learn more](#)**SENIOR CHEMISTS MINI-GRANT****DUE MAY 31, 2023**[Learn more](#)**LOCAL SECTION MEMBER ENGAGEMENT AND ENHANCEMENT (LS-MEET) GRANT****DUE MAY 31, 2023**[Learn more](#)**TRAVEL AWARD****CIBA/YOUNGER CHEMISTS COMMITTEE YOUNG SCIENTIST TRAVEL AWARD****DUE May 19, 2023**[Learn more](#)**WOMEN CHEMISTS COMMITTEE / ELI LILLY TRAVEL AWARD****DUE JUNE 1, 2023**[Learn more](#)**TEACHER GRANT****ACS HACH HIGH SCHOOL CHEMISTRY CLASSROOM GRANT****DUE JUNE 1, 2023**[Learn more](#)**JOB BOARD**

Starting your career or looking for the next challenge? Review these and other postings at the New York ACS [Job Board](#). Email your job postings to jobs@NewYorkACS.org for inclusion.

Research Scientist - Renal Research Institute[Learn more here](#)**Assistant Professor (Tenure Track) – Seton Hall**[Apply here](#)**Scientist I, Quality Control – Amneal**[Apply here](#)**QC Chemist – American Regent**[Apply here](#)**Analytical Lab Chemist – Howmet Aerospace**[Apply here](#)**Chemist II – Perrigo**[Apply here](#)**Associate Principal Scientist, International Ingredients Innovation – L’Oreal**[Apply here](#)**Principal Scientist, Analytical Chemist- Pall Corporation**[Apply here](#)**Senior Surfactants Scientist – Nouyon**[Apply here](#)**DMPK Preclinical Modeler, Senior/Principal Scientist – Schrödinger**[Apply here](#)