Calendar of Events

December 2, 2021
Long Island Subsection

December 13, 2021
North Jersey ACS Executive Committee Meeting

December 16, 2021
Westchester Chemical Society

December 16, 2021
Indicator Submission Deadline

January 29, 2022
NYACS Section-wide Conference

February 12, 2022
The Chemistry of Love

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Qi Gao, Ph.D.
2022 North Jersey ACS Chair
Read the Chair’s Message
The New York ACS will hold their annual Section-wide Conference virtually on January 29, 2022 from 10:30AM – 1:30PM. This year’s conference features a keynote by Dr. Matt Gunsch from Merck Research Laboratories along with a celebration of our volunteers, the presentation of the Sections Chemistry teaching awards and breakout rooms to plan this year’s events.

Date: Saturday, February 12, 2022  
Place: Virtual via Zoom  
Time: 10:30AM – 1:30PM

Download program  
Register here

2022 BOARD MEETINGS

The NYACS Board Meetings have been moved to Monday evenings at 6:30PM for 2022. The meetings will be held as hybrid meetings from the Iona College campus (directions) and chaired by Prof. Kathleen Kristian. All are welcome but in-person attendance requires an RSVP 5 days before the meeting.

The board meetings dates are, as follows:

Saturday, January 29, 2022 (virtual only)  
New York ACS Section-wide Conference  
Monday, February 28, 2022 (virtual only)  
Monday, March 28, 2022 (hybrid)  
Friday, April 8, 2022 (in person only)  
William H. Nichols Symposium and Medal Award Dinner at the Sonesta Hotel, White Plains, NY.  
Monday, June 13, 2022 (hybrid)  
Monday, September 19, 2022 (hybrid)  
Monday, November 21, 2022 (hybrid)  

The Finance Committee will meet on Thursday, November 10, 2022 (virtual)  
For more info

THE CHEMISTRY OF LOVE

Join the New York ACS in celebrating Valentine’s Day this year (flyer). Learn about the chemical and biochemical aspects of love including the impact of endorphins and how fragrances and flavors play a role. Registration is $5 per person (including children) for this in-person event, seats are limited. Register before January 29.

Speaker: Dr. Eric Chang  
Pace University

Date: Saturday, February 12, 2022  
Place: Bianco Room, Pace University  
Time: 11:00 AM – 2:00 PM in person  
Registration is $5 and required

Presented by
Ms. May Myat Moe

What is the mechanism of DNA oxidation by singlet oxygen? Join the Long Island Subsection for this seminar that describes efforts to tease out the mechanistic details of oxidative damage to DNA.

Date: Thursday, December 2, 2021
Time: 5:30 PM via Zoom

Registration is free and required

Recent Advancements on Intelligence Analysis Using Chemistry Knowledge to Combat against Modern-Day Drug Crime

Presented by
Mr. Kulendran Anushan

Combating against drug crimes requires structured scientific analytical techniques to inform intelligence analysis and plan operations at the tactical, strategic and administrative levels. Join the Westchester Chemical Society to hear a discussion of recent advancements in Intelligence analysis using chemistry knowledge.

Date: Thursday, December 16, 2021
Time: 7:00 PM via Zoom
Passcode: 402948
Cost: Complementary

Deadline for submitting articles for the January 2022 issue is December 16, 2021

Advertising in The Indicator
Reach over 6,200 American Chemical Society members in the New York metropolitan area while building brand awareness among a focused group of professionals.

Click here for additional information, including rates and order form. For questions, please contact the Advertising Manager.

Dr. Peter Corfield
NORTH JERSEY MEETINGS

2021 NORTH JERSEY EXECUTIVE COMMITTEE MEETING

The final 2021 meeting of the North Jersey ACS Executive Committee will take place virtually on **Monday, December 13, 2021** from 7:00–9:00PM. All members are welcome to attend and become more involved in section activities. For any additional information, please contact Mirlinda Biba (NJACS 2021 Chair) at **mbiba@njacs.org**.

**Date:** Monday, December 13, 2021  
**Place:** Virtual via Zoom  
**Time:** 7:00PM – 9:00PM

NORTH JERSEY SECTION ELECTION RESULTS

The North Jersey Section 2022 officer election results are provided below.

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Chair-Elect</td>
<td>Justyna Sikorska</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Miriam Gulotta</td>
</tr>
<tr>
<td>2022-2024 Councilors</td>
<td>Monica Sekharan, Diane Krone, Robert Menger</td>
</tr>
<tr>
<td>2022 Councilor</td>
<td>Michael Peddicord</td>
</tr>
<tr>
<td>2022-2024 Alternate Councilors</td>
<td>Miriam Gulotta, Yalan Xing, Lynda Box</td>
</tr>
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The North Jersey ACS sincerely thanks all the candidates and expresses its gratitude for their time and effort in preparing for the election. Congratulations to all.

LOCAL POET WINS NATIONAL ACS ILLUSTRATED POEM CONTEST!

The North Jersey Section is proud to announce that **Janie Lee** of Biotechnology High School in Freehold won first place in the 9 – 12 grade category of the National Chemistry Week (NCW) Illustrated Poem Contest both for our local section AND the National award! The national award includes a cash prize, a certificate, and a letter of congratulations from National ACS. In addition, Janie’s teacher at Biotech, Courtney Amster, received an Amazon gift card to celebrate Janie’s win. We hope this win will encourage other students and teachers to participate in our NCW Illustrated Poem contest planned for October 2022!

See Janie Lee’s winning entry here

CONTRIBUTE TO YOUR INDICATOR

The Indicator is YOUR publication. We invite all members to submit items for publication via email. These may include, the following:

- announcements of upcoming events  
- reports from past events  
- items of interest  
- career/educational advice

Writing an article for your peers is both a personally and professionally rewarding experience. You may choose any topic that you feel would be of interest to your fellow North Jersey and New York ACS members.
NJACS’ CHEMEXPO SUCCESSFUL IN CELEBRATING NATIONAL CHEMISTRY WEEK

In partnership with Liberty Science Center, North Jersey ACS hosted the 27th annual ChemExpo on Mole Day, October 23, 2021 in celebration of National Chemistry Week. Over 1400 visitors to the Liberty Science Center in Jersey City, NJ had the opportunity to engage in demonstrations related to the theme of “Fast or Slow, Chemistry Makes It Go” with students from New Jersey City University (NJCU), Essex County College, J.P. Stevens High School and Bergen County Technical High School.

Read the event recap contributed by Sandra Keyser

2021 NJACS AWARD FOR CREATIVITY IN MOLECULAR DESIGN & SYNTHESIS

On Thursday, November 18th, 500 attendees witnessed the North Jersey ACS Organic Topical Group present the 2021 ACS Award for Creativity in Molecular Design and Synthesis to Stephen L. Buchwald, the Camille Dreyfus Professor of Chemistry at MIT. Prof. Buchwald was honored for his pioneering work in catalysis, notably the development of palladium catalysts to form carbon-heteroatom and carbon-carbon bonds.

Read more here

CALL FOR NOMINATIONS FOR THE 2022 AWARD FOR CREATIVITY IN MOLECULAR DESIGN & SYNTHESIS

The ACS North Jersey Section is soliciting nominations for the 2022 Award for Creativity in Molecular Design & Synthesis. Nominations are due January 31, 2022. The award recognizes initiative, creativity, leadership, and perseverance in pure and/or applied chemistry.

More about the award

FAIR FOR EMERGING RESEARCHERS (FER) IS STILL ACCEPTING STUDENTS FOR THE 2021-2022 ACADEMIC YEAR

Students, grades 5-8, are invited to participate in a year-long research mentorship and training program that culminates in a multi-state virtual science fair.

Email for more info
An authentic research experience is a great way to:

- Learn new laboratory skills
- Hone your problem-solving abilities
- Apply your chemistry knowledge
- Determine your research interests

as you network, develop professionally and earn a strong letter of recommendation.

Consider applying for Summer research opportunities by their February deadlines

More info here

**FOR UNDERGRADUATES - GAIN RESEARCH EXPERIENCE THIS SUMMER**

The ACS Scholars Program awards renewable scholarships, up to $5,000 per academic year, to undergraduate students from historically underrepresented groups in the chemical sciences, majoring in chemistry-related disciplines, and intending to pursue chemistry-related careers.

Applications being accepted
Deadline is March 1, 2022

Happy Hanukkah!

**FOR POST-DOCTORAL FELLOWS**

The New York Academy of Sciences calls for nominations for the 2022 Blavatnik Regional Awards for Young Scientists. The Blavatnik Regional Awards acknowledge and celebrate the excellence of outstanding postdoctoral scientists from institutions in New York, New Jersey, and Connecticut working in the three disciplinary categories of Life Sciences, Physical Sciences & Engineering, and Chemistry.

Applications being accepted
Deadline is January 26, 2022
THIS MONTH IN CHEMICAL HISTORY

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

This month’s installment discusses the importance of “The Nature of the Chemical Bond: and the structure of molecules and crystals” by Linus Pauling. This book was first published in 1939 and was based on a series of Baker Lectures given by Pauling at Cornell University in 1937-38. The 600-page tome is quite inclusive and expounds on Pauling’s important contribution to bonding theory, namely resonance.

Read more

Happy Kwanzaa!

CALL FOR NOMINATIONS – ACS FELLOW

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, 2022

The first two readers who email us proof of a purchase since July 2021 from any of The Indicator advertisers will be sent $50.00.
MEETINGS OF INTEREST

50th Middle Atlantic Regional Meeting
June 1-4, 2022 at The College of New Jersey
Abstract submission open in January

PACIFICHEM 2021
December 16-21, 2021 (virtual)
Registration open

ACS National Spring Meeting
March 20-24, 2022 in San Diego, California.
Hotel reservations are now being accepted

75th Annual Meeting
December 13-15, 2021 (NYC & online)
Registration open

FINDING A JOB WITH ATS

Companies are increasingly using applicant tracking systems (ATS) to recruit and hire new employees. An ATS centralizes the various tasks of the recruitment process into one location. Learn how to adapt you resume to optimize your ATS ranking so the hiring manager gets to see your application.

Read more

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.

Analytical Chemist – Chemetall/BASF

Apply here

Chemist II – Appco Pharma LLC

More info

Senior Research Chemist – Church & Dwight Co., Inc.

More info

Assistant Professor (Biochemistry) – Adelphi University

Apply here

Assistant Professor (Organic/Biochemistry) – Fairleigh Dickinson University

Apply here