

## HIGHLIGHTS



CNY ACS WELCOMES YOU AS WE  
RECAP JAN 2021 - JUNE 2021

10<sup>TH</sup> ANNUAL OTISCO LAKE  
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## THE SYRACUSE CHEMIST



ACS Local Section  
Central New York

## CHAIR'S CORNER

## WELCOME AND HIGHLIGHTS

## Executive Committee (2022)

Chair & Newsletter Editor: Gary Bonomo

Chair-Elect: Valerie Lopez-Diaz

Past-Chair: Alyssa Thomas

Councilor: Ivan V. Korendovych

Treasurer: Neal Abrams

Secretary: Alec Beaton

Alternate Councilor: Olga Makhlynets

District Delegate: Prin Furst

District Delegate: Karen Downey

District Delegate at-large: Jeremy Steinbacher

District Delegate at-large: Sagar Bhattacharya

Education Chair: Miriam M. Gillett-Kunnath

Additional Social Media Support:

- Neal Abrams
- Alec Beaton
- Valerie Lopez-Diaz
- Jeremy Steinbacher

## Get Connected

Website: <https://www.cnyacs.org/>

Facebook: <https://www.facebook.com/cnyacs/>

Instagram: cny\_acs

Twitter: @CNY\_ACS

Hello CNY ACS Members,

Happy summer! I am honored to serve as your local section chair. The first half of 2022 has been exciting for our Central New York Section, with excellent events (highlighted in this newsletter). We participated in the Chemistry Olympiad and Central New York Science and Engineering Fair. Our section coordinated the Chemists Celebrate Earth Week (CCEW) poetry contest for local Kindergarten to 12<sup>th</sup> grade students. CNY ACS once again assisted the Otisco Lake Preservation Association (OLPA) with their 10<sup>th</sup> annual Earth Day Cleanup (a milestone!). We enjoy partnering with multiple ACS Local Sections for UNY-fy ACS to allow collaboration to exchange information and ideas. Our section is thrilled to have been awarded a grant for Project SEED this summer. We look forward to the upcoming activities:

- Meet and Greet Project SEED students (July)
- Education Night (October)
- NERM 2022 (October) in Rochester

My sincere thanks to the Executive Committee and our members for all the help with section activities.

Thank You

Gary Bonomo  
CNY ASC Chair

SUNDAY MARCH 27<sup>TH</sup>, 2022:

## MOST – CENTRAL NEW YORK SCIENCE AND ENGINEERING FAIR

The MOST CNY-SEF returned to an in-person format and CNY ACS helped to recruit volunteer judges. Middle Schools and High Schools are provided several awards for STEAM projects, and the CNY ACS sponsored an award for both of the grade level categories. Sravan Kodali a student at Christian Brothers Academy received the CNY ACS Award in Chemistry for the project *A Computational Approach to Genomic Instability Mapping via Prediction of Replication-Stress Induced Double-Stranded Breaks*. Drucilla Biela a student at Paul V Moore High School received the CNY ACS Award in Chemistry for the project *Global Warming in the Ocean Outreach*. Events such as this promote STEAM skills and inspire the next generation of scientists.

**For more information please visit:**

<https://www.most.org/learn/outreach-events/central-new-york-science-engineering-fair/>

SATURDAY APRIL 23<sup>RD</sup>, 2021:

## OTISCO LAKE EARTH DAY CLEANUP

CNY ACS once again assisted the Otisco Lake Preservation Association (OLPA) for the Otisco Lake Earth Day Cleanup. This was a milestone, since it was the 10<sup>th</sup> anniversary of this annual event. We recruited volunteers and contributed funding towards the pizza lunch for the participants. The event was a great success! Enthusiastic participants collected many bags of garbage. This collaboration helps to protect the Otisco Lake Watershed and is an excellent way to commemorate Earth Day.



**For more information please visit:**

<https://eaglenewsonline.com/new/2022/04/15/local-groups-again-combine-for-earth-day-event/>

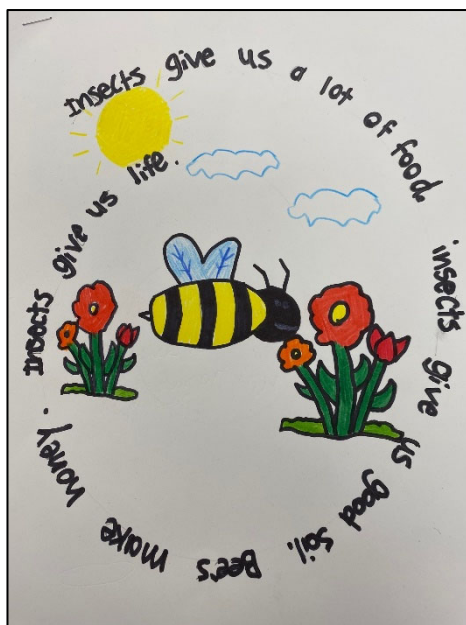
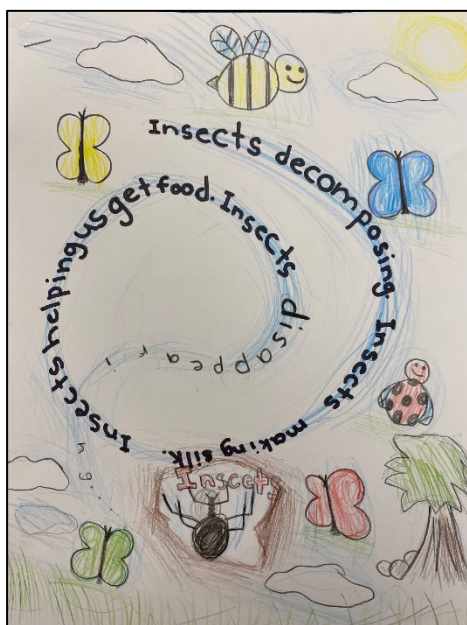


## APRIL 2022: CHEMISTS CELEBRATE EARTH WEEK POETRY CONTEST

The American Chemical Society has an annual poetry contest as part of Chemists Celebrate Earth Week (CCEW). Our CNY Local Section ACS contest was once again proficiently coordinated by Prin Furst. We sponsored prizes and invited students from schools within the CNY region to participate. Students in the K to 12<sup>th</sup> grades created an illustrated poem with this year's theme "The Buzz About Bugs: Insect Chemistry". Poems were submitted digitally or by mail. Prizes were \$25 to the first-place winner in each category and entry into the national level of the contest. The winner from our CNY ACS Local Section were:

- Charley Nguyen (K-2 grades range)
- Jace Kazmirski (3-5 grades range)
- Bryn Whitman (9-12 grades range)

Congratulations to these talented students! This contest is wonderful opportunity to engage and encourage students in STEM education, particularly in green chemistry.



**Left Image: Charley Nguyen's illustrated poem; winner for the K-2 grades range.**

**Middle Image: Jace Kazmirski's illustrated poem; winner for the 3-5 grades range.**

**Right Image: Bryn Whitman's illustrated poem; winner for the 9-12 grades range.**

## CHEMISTRY OLYMPIAD

Our local section participated U.S. National Chemistry Olympiad (USNCO) – National Exam. Central New York high school students took the local exam. For more information about US National Chemistry Olympiad:

<https://www.acs.org/content/acs/en/education/students/highschool/olympiad.html>

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## UNY-FY ACS

Richard Cobb (Rochester Section) is setting up virtual quarterly chair meetings in May 2022, August 2022, and November 2022 to allow collaboration to exchange information and ideas. Binghamton, Central New York, Cornell, Corning, Northern New York, and Rochester Local Sections are participating. Gary Bonomo attended on Friday May 20<sup>th</sup> to represent the CNY ACS Local Section.

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## MILESTONE ACS MEMBERSHIP CERTIFICATES

Congratulations to our milestone members for their continued involvement in the American Chemical Society. The certificates will be provided at Education Night in October.

<b>50 Years Certificates:</b>	Dr. Philip Rice	Dr. Gloria Sage	
<b>60 years Certificates:</b>	Dr. Paul Bertan	Mr. Wendell Fortner	Dr. Peter Juby
	Dr. Ronald Scheidelman	Dr. Gershon Vincow	

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## ACS PROJECT SEED

ACS Project SEED partnered with Syracuse University to develop college-level educational opportunities for high school students from underserved communities. The students will participate in eight-weeks of chemistry research in the SU Departments of Chemistry and ECS. Many thanks to the host professors. Students will also join in some activities of the Research Experience for Undergraduates (REU) program. They have opportunity to experience campus life resources and receive college application guidance. Further details about this summer's Project SEED students will be in the July to December 2022 Newsletter.

**There will be *Meet and Greet Project SEED Students* event on Friday July 29<sup>th</sup>.  
An email will be sent closer to this date with further details.**

# SCIENTISTS CORNER

*This section of the CNY ACS Newsletter highlights members of the local STEM Community. It provides their work experience, as well as their interests outside of their occupation.*

**Do you know a scientist who would be interested in being part of the Scientists Corner?**

**If so, please contact Gary Bonomo ([gbonomo@syr.edu](mailto:gbonomo@syr.edu)) for more information.**



**Donyell Logan**

**Undergraduate Medicinal Chemistry  
Syracuse University (currently a Senior)  
CNY ACS Volunteer**

## **Can you tell us briefly about yourself?**

I am a rising senior at Syracuse University studying medicinal chemistry while completing research in the Ruhlandt lab. I am originally from Baltimore, Maryland but I have grown to love Syracuse and the greater central New York area during my time at Syracuse University. In my spare time, you can find me following all things related to tennis, music, and travel.

## **Can you share what it is like working in chemistry?**

Working in chemistry is a very exciting and rewarding task for me. I have also enjoyed my science courses since elementary school and that sparked my desire to pursue a field in science for my undergraduate degree. The course that piqued my interest in chemistry was AP Chemistry in high school due to the observable and physical properties of chemical reactions that we completed in the lab component of the course. My favorite part of chemistry experiments was acid-base titrations. It was mesmerizing to see the change in color that one drop of a base would do to the reaction with an indicator. Trying to achieve the palest pink possible was a fun challenge when we used phenolphthalein.

The fun experiences I encountered in high school led me to seek an opportunity to continue working in a chemistry lab, which brought me to the Ruhlandt lab at Syracuse University. Our group works in inorganic chemistry

mostly with alkali and alkaline earth metals. In the lab, these metals react with air, so we work under inert gas conditions on a Schlenk line to synthesize compounds. The experience in chemistry has been amazing to be working on something that has not been completed before. It requires lots of focus and hard work. However, the results make all the work worth it for the discoveries that are made to advance the field of chemistry. That is why I love working in chemistry.

## **What did you find most rewarding about volunteering with the CNY ACS?**

Volunteering with CNY ACS was an amazing experience. Mostly recently, I volunteered at the CNY ACS Zoo Boo in October. It was so great to be able to showcase simple demos of experiments that children would find interesting. It reminded me of when I grew fond of science and chemistry growing up. The event even included an opportunity to go to the zoo after completing our demos for the kids. Not only were the kids enjoying the demos, but the parents and guardian enjoyed our experiments. Zoo Boo was a great experience for me to interact with the CNY community outside of the Syracuse University campus and I am so glad that I was able to volunteer with CNY ACS. I cannot wait for the next event!

- Science Fairs
- Chemistry Demonstrations
- Community Outreach Activities
- Career Fairs and Mentoring
- Earth Day Activities
- Planning Innovative Events
- Guest Speakers
- Additional Suggestions Welcomed

## UPCOMING EVENTS

The CNY ACS will keep you posted via email, social media and newsletters.



**Thank you to the  
CNY ACS members  
and volunteers from  
all of our counties:**

- Cayuga
- Cortland
- Madison
- Oneida
- Oswego
- Onondaga
- Seneca

**Your support in the first half of 2022 is greatly appreciated.  
We look forward to continuing to work together in second half.**