

HIGHLIGHTS



CNY ACS WELCOMES YOU AS WE
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THE SYRACUSE CHEMIST



ACS Local Section
Central New York

CHAIR'S CORNER

WELCOME AND HIGHLIGHTS

Executive Committee (2023)

Chair: Valerie Lopez-Diaz

Chair-Elect: Jon French

Past-Chair & Newsletter Editor: Gary Bonomo

Councilor: Ivan V. Korendovych

Alternate Councilor: Olga Makhlynets

Treasurer: Neal Abrams

Secretary: Alec Beaton

District Delegate: Prin Furst

District Delegate: Karen Downey

District Delegate at-large: Jeremy Steinbacher

District Delegate at-large: Liam Marshall

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

Dear CNY ACS members,

I hope this newsletter finds you in good health and high spirits.

As we're coming out of the pandemic and slowly increasing our in-person activities CNY ACS members and volunteers have had a busy first half of the year by participating in several STEM-related activities like the Science Olympiad, Micron's "Chip Camp", Otisco lake cleanup, Illustrated Poetry Contest, and hosting our first in-person CNY ACS Education Night since 2019.

As we look ahead, we are excited to continue our commitment to our local communities and work towards a more equitable and inclusive scientific community. I encourage all members to actively participate in CNY ACS activities. We are always exploring new opportunities, listening to our members' feedback, and adapting to the evolving needs of the community. Your engagement and input are vital to the future of our organization and the chemical sciences.

Lastly, I'd like to thank our outstanding Executive Committee and the volunteers for their unwavering dedication and commitment to advancing the chemical sciences through community engagement despite the challenges over the past few years.

Thank You
Valerie Lopez Diaz
CNY ACS Chair

SATURDAY MARCH 4TH, 2023: SCIENCE OLYMPIAD

At the Science Olympiad, students have the chance to demonstrate knowledge by participating in STEM-oriented challenges. Science Olympiad holds numerous events, and on March 4th the Central New York Local Section provided volunteer support for the “Crime Busters” activity and contributed a portion of the funding. Science Olympiad holds competitions for multiple grade levels; the March 4th was for grades 6th to 9th.



Students working during the “Crime Busters” activity; this is forensics-themed chemistry event involving sample identification.

SATURDAY APRIL 1ST, 2023: CNY SCIENCE AND ENGINEERING FAIR

Students presented STEAM projects at this annual event organized by Syracuse’s Museum of Science and Technology (MOST). Our Central New York Local Section provided judges and prizes for the chemistry awards in each grade level category; see the images below. It is exciting to see the next generation of scientists in action! Neal Abrams (Treasurer) and Gary Bonomo (Past-Chair) served as the judges from our CNY ACS Local Section.



Left Image: 4-8 grade chemistry award winner (*The Mighty Lemons and Limes!*)
Right Image: 9-12 grade chemistry award winner (*What’s in your Drinking Water?*)

TUESDAY APRIL 4TH, 2023: MICRON “CHIP CAMP”

Micron Technology held a “Chip Camp” at Liverpool Middle School over Spring Break to interest students in STEM opportunities. For the launch of the program, our Central New York Local Section and the Syracuse University Chemistry Department partnered to present chemistry themed demonstrations: soda can/bottle crusher, CO₂ bubbler, dry ice with pH indicator, magnetic slime, marbled shaving cream, limiting reagent, and beetle dye. The event was covered by SU News and other local news stations. Jon French (Chair-Elect) and Gary Bonomo (Past-Chair) organized the supplies; with additional thanks to Neal Abrams (Treasurer) for help with obtaining some supplies. Also thank you to the multiple SU Chemistry Volunteers.

SU News Article: <https://thecollege.syr.edu/chemistry/news/chemistry-leads-science-demonstrations-at-stem-micron-chip-camp/>



SATURDAY APRIL 22ND, 2023: OTISCO LAKE EARTH DAY CLEANUP



For many years as part of Chemists Celebrate Earth Week (CCEW) our Central New York Local Section (CNY ACS) has enjoyed partnering with the Otisco Lake Preservation Association (OLPA) for the Otisco Lake Earth Day Cleanup. Each year volunteers cleanup litter from the areas surrounding the lake. Our CNY ACS Local Section helped to recruit volunteers and contributed towards the pizza lunch after the cleanup. The image shows litter collected from the area during the 11th annual event.

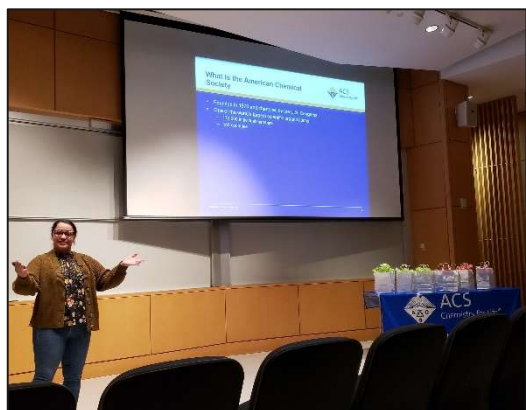
APRIL 2023: CHEMISTS CELEBRATE EARTH WEEK POETRY CONTEST

Each year the ACS has a poetry contest as part of Chemists Celebrate Earth Week (CCEW), this year's theme was *The Curious Chemistry of Amazing Algae*. Our section sponsored prizes and invited Kindergarten to 12th grade students within the CNY region to submit an illustrated poem related to the theme. Congratulations to Claire Reynics the winner of the 2023 contest! It is always a pleasure to see the work of these talented students. Thank you to Prin Furst (District Delegate) for once again organizing this for our CNY ACS Local Section!



THURSDAY JUNE 8TH, 2023: CNY ACS EDUCATION NIGHT

Our local section's Education Night at Syracuse University was a huge success! Guests feasted on a delicious Dinosaur BBQ buffet as the main course, with deserts including ACS logo cookies. The evening also included chemistry trivia questions and prizes. However, the primary focuses were to: share information about the ACS (and our local section's activities), thank our members, and to recognize the students/teachers participating in our activities. Highlighted individuals included: Project SEED students, CCEW Poetry Contest Winners, CNY Science and Engineering Fair award recipients, and our 50-year / 60-year members. This event was possible due to the organizational skills of Miriam Gillett-Kunnath (Education Chair) and Valerie Lopez Diaz (Chair) with support from Marwa Abedrabbah, Neal Abrams, Gary Bonomo, Prin Furst, Bobby Kunnath, Donyell Logan, and Jeremy Steinbacher. Thank you to SU Chemistry Department (particularly Kelsey Dalzell) for the auditorium.




JUNE 14TH TO JUNE 17TH, 2023: ACS NORTHEAST REGIONAL MEETING (ACS NERM)

CNY ACS displayed a poster at NERM highlighting our local section activities. The poster was 4' x 3' (we shrunk the image to fit in this Newsletter).



ACS
Chemistry for Life[®]

Central New York ACS Local Section



ACS Local Section
Central New York

Valerie Lopez Diaz [Chair]
Neal Abrams [Treasurer]
Karen Downey [Delegate]


Jon French [Chair Elect]
Alex Beaton [Secretary]
Prin Furst [Delegate]

Executive Committee [2023]:
Gary Bonomo [Past Chair and Newsletter Editor]
Ivan Korendovych [Councillor]
Liam Marshall [Delegate at Large]

Miriam Gillett-Kunnath [Education Chair]
Olga Makhlynets [Alternate Councillor]
Jeremy Steinsbacher [Delegate at Large]


The Central New York Local Section values all the volunteers and the attendees/participants at the events. We also thank any organizations that we partnered with, and comply with the photo-related policies that they have.

Project SEED
[Summer 2022]




The Central New York Local Section (via ACS Project SEED) partnered with Syracuse University to develop college-level educational opportunities for high school students from underserved communities. Students participated in eight-weeks of hands-on research in the Syracuse University Chemistry Department and the College of Engineering and Computer Science, which culminated in a combined poster session (with students from other college outreach programs) to share accomplishments. This was supplemented with enrichment activities that included a meet and greet with the local ACS section, Syracuse University Maker Space Tour, Zebrafish Lab Tour, Corning Museum of Glass Trip, and help with resumes and college applications. The photos are from Summer 2022, but this program has been active for multiple years.

Zoo Boo
[October 22nd 2022 and October 23rd 2022]



As part of National Chemistry Week, the Central New York Local Section presented chemistry demonstrations and hands-on activities during the popular Halloween Zoo Boo at the Rosamund Gifford Zoo. Our local section has been involved for several years with this annual event. For 2023 our activities were in line with the National Chemistry Week theme of "Fabulous Fibers!" The engaging activities included: dyeing fibers (natural vs. synthetic), cochineal beetle pH indicating dye, and cotton ball challenge (participants see if they "are stronger than a cotton ball" by ripping a cotton ball apart and then comparing this to taking a few pieces of the cotton ball and twisting them together to discover that are stronger). Additional activities included: too bubbles (making bubbles with dry ice and soapy water) and glow bracelets (UV-sensitive beads).

CNY Science and Engineering Fair
[April 1st 2023]



An event organized by the Syracuse's Museum of Science and Technology (MOST) students presented STEAM projects. The Central New York Local Section provides the judges and prizes for the chemistry awards in each grade-level category. The top photo shows the 4-8 grade chemistry award winner (*The Mighty Lemons and Limes!*) with our local section's judges. The bottom photo is the 9-12 grade winner (*What's in your Drinking Water?*).

UNY-fy ACS Meetings
[every three months]

This is a collaboration between several ACS Local Sections in New York State; some sections also have territory extending into Pennsylvania. This began in May 2022 with meetings occurring every three months online via Zoom. Each local section has their Chair and/or a representative attend, but other executive committee members are welcome too. Participants include:

- Binghamton Local Section
- Central New York Local Section
- Cornell Local Section
- Corning Local Section
- Eastern New York Local Section
- Northern New York Local Section
- Penn-York Local Section
- Rochester Local Section
- Western New York Local Section

Our local section finds these meetings to be very valuable. The meetings are an opportunity to exchange ideas between the leadership of multiple sections and provide training opportunities. As an example, one meeting's topic was *Finding new members and getting numbers involved in the Local Section and in serving as Local Section leaders* presented by guest speakers Beth Lersbach (Chair of the ACS Local Section Activities Committee) and Mark O'Brien (ACS Staff Liaison to the ACS Local Section Activities Committee - LSAC).


Upcoming topics include increasing the involvement of industrial members in the Local Sections and setting up (or improving) local section websites.

Micron Chip Camp
[April 4th 2023]



Micron Technology held a "Chip Camp" at Liverpool Middle School over Spring Break. Our Central New York Local Section and the Syracuse University Chemistry Department was asked to provide a Chemistry-themed event for the launch of the program. Our two groups partnered to perform numerous demonstrations: soda can/bottle crusher, CO₂ bubbles, dry ice with pH indicator, magnetic slime, marshmallow shaving cream, limiting reagent, and beetle dye. Enthusiastic volunteers from both groups were happy to be part of this event.

Otisco Lake Earth Day Cleanup
[April 22nd, 2023; 11th Annual]




The Central New York Local Section (CNY ACS) has been partnering with the Otisco Lake Preservation Association (OLPA) for the Otisco Lake Earth Day Cleanup. Our local section helps to recruit volunteers and contributed funding towards the pizza lunch for the participants. The photo above is from the 11th annual event showing the collected litter from the area. This partnership pairs well with the goals of Chemists Celebrate Earth Week (CCEW) ACS program.

Education Night
[June 8th 2023]




Our local section's Education Night was at Syracuse University and was an informative and entertaining evening. Guests were treated to a Dinosaur BBQ buffet with additional desserts, including cookies with the ACS logo. There were also chemistry trivia questions and prizes. However, the main focuses of the event were to: discuss the American Chemical Society (and our local section's activities), thank our members, and to reward the students/teachers involved in our activities. Highlighted individuals included: Project SEED students, CCEW Poetry Contest Winners, CNY Science and Engineering Fair award recipients, and our 50-year / 60-year members. We were pleased to have many attendees.

Community Outreach Events
[2023]



Science Olympiad [Grade 6th to 9th; March 4th 2023]
This series of STEM-oriented challenges allows students to apply knowledge. Science Olympiad holds numerous events, and the Central New York Local Section was involved with the March 4th event. We provided volunteer support for the "Crime Busters" activity and provided part of the funding.



ACS CCEW Poetry Contest [April 2023]
The American Chemical Society holds an annual poetry contest as part of Chemists Celebrate Earth Week (CCEW). We sponsored prizes and invited students from schools within Central New York to participate. This annual event is open to students in the Kindergarten to 12th grade range to create an illustrated poem. This year's theme was "The Curious Chemistry of Amazing Algae."

UNY-FY ACS

Beginning in May 2022, and continuously ongoing with quarterly meetings this is a collaboration between several ACS Local Sections in New York State; some sections also have territory extending into Pennsylvania. This provides our local section with an excellent chance to exchange ideas between neighboring sections. February 2023 was this year's planning meeting. The May 2023 meeting topic was *Finding new members and getting members involved in the Local Section and in serving as Local Section leaders* presented by guest speakers Beth Lorsbach (Chair of the ACS Local Section Activities Committee) and Mark O'Brien (ACS Staff Liaison to the ACS Local Section Activities Committee – LSAC). We look forward to the upcoming topics:

August 2023: *Focused efforts in getting industrial member involved in the Local Section*

November 2023: *Guidance in setting up or improving Local Section websites*

ACS “CENTRAL NEW YORK SECTION AWARD” IN THE FIELD OF CHEMISTRY AND CHEMICAL ENGINEERING

Congratulations to Chang Geun Yoo, who was selected to receive the 2021 ACS “Central New York Section Award” in the field of Chemistry and Chemical Engineering. This award is from our CNY ACS Local Section, and is a well-deserved recognition of many achievements.

Note: *The 2022 Award recipient will be announced later this Summer.*

CNY ACS – Exciting Volunteer Opportunities

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

Please contact Gary Bonomo
gbonomo@syr.edu to get involved
 and/or for newsletter feedback.
 Newsletter submissions welcome.

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 2023 is greatly appreciated. We look forward to continuing to work together in second half.

Map Image Source: American Chemical Society. Map of ACS Local Section Territories: As of February 1st, 2016.
<https://www.acs.org/content/dam/acsorg/membership/lis/acs-local-section-map.pdf> (accessed March 6th, 2019).