

THE OCTAGON

LVACS September 2023 Section Meeting



Thursday, September 14th, 4:30-8:30 pm

Evonik Corporation Innovation Hub 7001 Hamilton Blvd, Trexlertown, PA 18087 Tours of Evonik's New Facility followed by Dinner/Speakers

Evonik Corporation will be hosting our September Section Meeting. Dinner cost is \$10 for students/retirees/unemployed and \$15 for regular members, payable at the door in cash. The site will be open from 4:30pm with tours beginning at about 5:30pm. Meeting attendees should plan to arrive not later than 5:30pm. A gate code will be provided to each registrant by email.

MORE INFORMATION/REGISTRATION LINK: https://www.lvacs.org/september23-meeting
PLEASE POST Flyer! CONTACT: Philip Elias, philipjelias@gmail.com





A September 1, 2022 press release gives an introduction to the new Evonik Innovation Hub: https://corporate.evonik.us/en/evonik-opens-new-innovation-hub-in-allentown-pa-177178.html

OF THE AME

LVACS Events Calendar

September 2023

Section Meeting

Thursday, September 14th, 4:30-8:30 pm

7001 Hamilton Blvd, Trexlertown, PA 18087 Facility Tours followed by Dinner/Presentations

Details/REGISTRATION link: lvacs.org/september23-meeting

CONTACT: Philip Elias (philipjelias@gmail.com)

October 2023

Section Meeting

Thursday, October 12th, 5:30-9:00pm

Albright College, Science Hall

1650 Palm Street, Reading, PA 19604

5:30 Social/Networking; 6:15 Dinner; 7:30 Meeting 8:00 Presentation by Benjamin Groff, Yale University

CONTACT: Ian Rhile (irhile@albright.edu)

Graduate School and REU Program Fair

Wednesday, October 18th, 7:00-9:30pm

East Stroudsburg University

Hoeffner Science and Technology Building

10+ Grad Schools will be represented!

Sponsored by LVACS' Younger Chemists Committee

Registration: http://tiny.cc/lsw9vz

Map: http://tiny.cc/vss9vz and Flyer for posting!

CONTACT: Steve Boyer (sboyer11@esu.edu)

National Chemistry Week

October 15-21, 2023

The Healing Power of Chemistry

Outreach Event

Da Vinci Science Center,

Saturday, October 21st, 10-2 pm

CONTACT: NCW Coordinator Philip Elias (philipjelias@gmail.com)



Also In This Issue...

- 3. LVACS wins 2 ACS ChemLuminary
 Awards for 2022 Section activities.
- 4. Student Plan Fall Career Event October 18th at ESU.
- 5. 50/60/70-year ACS members celebrate at 1st LVACS brunch.
- 6. ACS Fall Council Summary.
- 7. National Chemistry Week 2023 preview and ACS Outreach Summit.
- 8. LVACS Announces Ned Heindel Lecture Thursday, November 9th.
- 9. Career Page: Chemical Technical Professionals Initiative kicks off.
- 10. NESACS 2023 Esselen Award Call for Nominations by October 13th.
- 11. Retired Reed College Physics professor recalls his meeting with 'the real' Oppenheimer in 1955.
- 12. ACS WCC Pfizer Emergent Leader Award: Apply by Oct. 1st
- 13. 2023 Executive Committee.

November 2023

Section Meeting

Thursday, November 9th, 5:00-8:30pm

Lehigh University (details TBA)

Ned Heindel Memorial Lecture (see p. 8)

CONTACT: Steve Boyer (sboyer11@esu.edu)



The format of our website, <u>www.lvacs.org</u>, is undergoing some refreshment! Look for new features such as the live LVACS Google calendar now residing on the Meetings-and-Events page: all events should be accessible including links to further information and registration. More to come this fall.

Octagon CONTACT: Nigel Sanders, LVACS secretary and newsletter editor, nigel53.sanders@gmail.com



LEHIGH VALLEY WINS TWO CHEMLUMINARY AWARDS AT **ACS FALL 2023 MEETING FOR 2022 ACTIVITIES**

Awards for NCW Event and Mussel Polymers, Inc. Co-hosted Meeting

Our section members attending the 2023 ACS Fall Meeting in San Francisco were happy to report that of 4 categories in which Lehigh Valley section was a finalist for ACS ChemLuminary Awards for 2022 activities, your section won 2 Awards! The Local Section Partnership (Marinda Li Wu) Award for the September 15, 2022 meeting at Ben Franklin Technology Innovation Center co-hosted by start-up Mussel Polymers, Inc. and the Outstanding NCW Event for a Specific Audience held October 18, 2022 at Allentown Public Library to celebrate the Migrant Education Program of PA's annual Lights on After School Educational Activities & Health Fair. The awards were given during the ACS Fall Meeting's Awards Ceremony Tuesday, August 15th.



During National Chemistry Week 2022,

"Fabulous Fibers: The Chemistry of Fabrics," LVACS' Philip Elias of Evonik and Nigel Sanders, section secretary participated in the PA Migrant Education Program's Annual 'Lights On Afterschool' Educational Activities & Health Fair with fiber dye absorption demonstrations. The kids (mainly middle school age and below), all from recent migrant families from all over the world, were strongly engaged in our presentation of different kinds of fibers (natural and synthetic) and participated in hands-on demonstrations of colored water absorption by these chemically different fibers. Our host, STEM coordinator for the MEP, Liliana Arias, was very appreciative of LVACS first-time participation in their annual LOA event and asked us to consider becoming part of their weekly programs.

"Adhesives at the Beach" It was the best monthly LVACS meeting since before the pandemic as featured speakers Jonathan Wilker of Purdue University https://www.chem.purdue.edu/wilker/ and David Schmidt, Mussel Polymers CFO www.musselpolymers.com, told us about the science and technology behind Mussel Polymers, Inc.'s wet adhesive products during their exciting talk "Adhesives at the Beach: Characterization, Synthetic Mimics, and Commercialization of Marine Biological Materials." The Thursday, September 15th meeting, co-hosted by Mussel Polymers, Inc. at the Ben Franklin Tech Ventures business incubator, also featured displays by Specialty Minerals Inc., Mussel Polymers, Inc., Chemagination Award winning posters from the June MARM and a poster celebrating our record win of 4 ACS ChemLuminary Awards. It was also a perfect night to honor our 2022 award winners in person (yay!): High School Teacher-of-the-Year Deanna Quay, Foundation in Chemistry scholarship winner Lauren Conrad, Organic Chemistry scholars Abigail Stocker and Oliver Paszkowski and, last but not least, Audrey Smeltzer Schwab and 6 of her MARM Chemagination winners from Muhlenberg High School! Thanks also to Anthony Durante of Ben Franklin for hosting us!



LVACS STUDENTS PLAN FALL CAREER EVENT

Lehigh Valley ACS Graduate School and REU Program Fair

WEDNESDAY, OCTOBER 18TH, 7-9:30 PM

Sponsored by the Younger Chemists Committee

Come learn about opportunities directly from faculty at these institutions:





















East Stroudsburg University Science and Technology Center



Lobby from 7-9:30 pm on Wednesday, October 18th Light refreshments will be served.

> **Registration:** http://tiny.cc/lsw9vz Map: http://tiny.cc/vss9vz Flyer for posting!

CONTACT: Steve Boyer, sboyer11@esu.edu





50/60/70-Year ACS Member Awards July 14th 2023

Our inaugural 50/60/70-year brunch on July 14th at Chris' Family Restaurant shone with chemistry pride! It was our first opportunity to celebrate our anniversarians post-pandemic and everyone that attended thanked the section for doing it. There was a lot of storytelling, laughter, and fun. The only complaint heard was it was the first time happening, they wished we had done something like it before this! One attendee commented afterward by email: "Thank you and your colleagues for organizing the wonderful gathering of the local OLDIES of the ACS members. I enjoyed the conversation with several of them. I look forward to receiving the group photo and their email addresses. Wishing you all the best for a wonderful summer." Share the moment with these pictures of the event.

> Left to Right: Dr. Nicholas Franco (60), Dr. Al Martin (50), Dr. David Latshaw (60), Dr. Mohamed El-Aassar



The full list of awardees for the years 2022 and 2023 is given below. The Octagon thanks all our anniversarian members for their commitment to chemistry and the ACS and wishes each of them much happiness in the future! **Congratulations!**



50 Years				60 Years			
Dr.	Albert	Hiller	Martin	Mr.	Roy	James	Fanucci
Ms.	Mary	Louise	Young	Dr.	Nicholas	B.	Franco
Dr.	Mohamed	S.	El-Assar	Mr.	H.	Taylor	Lamborn
Mr.	David	Wayne	Humphrey	Dr.	David	R.	Latshaw
Dr.	Rodger	Edwin	Berg	Dr.	George	Henry	Megerle
Dr.	Charles	Gardner	Coe	Dr.	Ira	E.	Rosenberg
Dr.	Pamela	Denise	Kistler	70 Years			
				Dr.	John	Robert	Lovett

Chemistry for Life®



Councilor Talking Points: Summary of Governance Issues and Actions

Highlights from Reports and Key Actions

- Chief Executive Officer Albert Horvath honored the memory of our newly-appointed Editor-in-Chief of C&EN, Mohammed Yahia, who passed away on the way to the San Francisco meeting. Our thoughts go out to his wife Ola and their two young children.
- Horvath also shared ACS's efforts to engage more members while recruiting and retaining talented staff as we continue to adapt to the post-pandemic workplace. He shared an update on the ACS Strategic Initiatives and the Society's continued strong financial performance.
- On the recommendation of the Council Policy Committee, Council approved the Petition to Amend the Council Executive Function. This amendment codifies the current practice in the Standing Rules, removing the oral reporting requirement for non-elected Society Committees. CPC welcomes oral reports from all Society Committees including those without action before Council.
- CPC voted to discontinue the Councilor Travel Expense Program, effective December 31, 2023, and replace it with the Councilor Attendance Incentive Allotment, effective January 1, 2024. This new approach will provide a single payment of \$2,000 per Councilor, per meeting, directly to Local Sections and Divisions that opt in to the program.
- CPC also voted to move oversight for the Non-Councilor Reimbursement Program to the Committee on Committees with the recommendation that it be renamed the "Volunteer Committee Reimbursement Program."
- On the recommendation of the Committee on Committees, and with the concurrence of the Council Policy Committee, Council approved the Petition to Amend the Duties of the Committee on International Activities (IAC), providing the committee with the same authority permitted to its unit counterparts to assist International Chemical Sciences Chapters with issues arising from officer turnover and other administrative difficulties.
- On the recommendation of the Committee on Nominations and Elections, and with the concurrence of the Council Policy Committee, Council approved the Petition to Add International Representation to the Board of Directors, decreasing the total number of
 - Directors-at-Large from six to five and creating an International District Director. Following approval by the Board of Directors, the amendment to the ACS Constitution will require the support of two-thirds (2/3) majority of voting members.
- On the recommendation of the Committee on International Activities, Council approved the creation of the Singapore International Chemical Sciences Chapter.
- The Committee on Constitution and Bylaws (C&B) reported the certification of bylaws for six Local Sections in 2023: Cornell, East Tennessee, Idaho, Puerto Rico, Tennessee-Virginia Highlands, and Wooster.

Abridged version. Read the full Councilor Talking Points document <u>here</u>.



Lehigh Valley ACS Celebrates NCW 2023

THE FEALING POWER OF CHEM STRY



October 15-21 | 2023 | #NationalChemistryWeek



National Chemistry Week (NCW) is a public awareness campaign that promotes the value of chemistry in everyday life. ACS members and chemistry enthusiasts celebrate NCW by coordinating events and communicating the importance of chemistry. Read more about NCW. National Chemistry Week (#ACS_NCW) is celebrated this year during the week of October 15-21, with the theme "The Healing Power of Chemistry." Chemistry plays a crucial role in formulating the medicines we take when we get sick, developing the vaccinations we roll our sleeves up for, and testing the blood samples that we provide at our doctors' offices. The theme recognizes the tremendous advances made by medical professionals and scientists with inspiration from ancient peoples' habits, from plants and animals in the wild, and from our own bodies' mechanisms to prevent, fight, heal, and restore us to health. Did you know, currently about 11 percent of all medicines considered "essential" by the World Health Organization (WHO) are derived from flowering plants? Explore the resources on our pages to learn more about chemistry's healing power and strengthen local communities as we celebrate National Chemistry Week together. LVACS will be having a Public Outreach event at Da Vinci Science Center on Saturday, October 21st from 10-2 pm. Interested in

being a volunteer to get kids excited about science? CONTACT: NCW Coordinator Philip Elias

(philipielias@gmail.com)





Sign Up for ACS Outreach Summits

ACS is experimenting with a new FREE virtual social for any volunteer who works in chemistry outreach. We will use Gather.town and have lounge spaces for you to video chat with volunteers all over the world. We will also have optional poster spaces if you would like to publicize your work, help others just getting started, and share favorite resources. Coordinators of Chemists Celebrate Earth Week and National Chemistry Week; coordinators for the U.S. National Chemistry Olympiad; winners and applicants for international Chemistry Festival grants; domestic and international Student Chapters; and interested individuals are all invited to attend!

The virtual networking event in the US will be held on October 4th 2023 from 4:00 pm - 6:00 pm EST (local time Washington DC, USA)

Registration is required. Register by 12:00 pm EST on 3 Oct 2023

Please contact Lily Raines at l_raines@acs.org with any questions, we hope to see you there!





Dr. Ned D. Heindel September 4, 1937 – June 27, 2023



LVACS Announces Ned Heindel Lecture

The Lehigh Valley Section of the American Chemical Society, together with Lehigh University, announce the founding of an annual Ned Heindel Lecture to honor the memory of our recently passed and dearly beloved colleague. The inaugural Heindel Lecture will take place on **Thursday**, **November 9th 2023** on the Lehigh University campus with Lehigh Neuroscientist Neal Simon as principal speaker. More details will be forthcoming including opportunities to contribute recollections of Ned as a chemist and chemistry educator.

CONTACT: Steve Boyer (sboyer11@esu.edu)

On **Sunday, August 27**th friends and relatives shared treasured memories of Ned and light snacks and beverages at a Celebration of Life with Linda Heindel at the Sigal Museum of History in Easton, Pennsylvania. Ned was a chemist who loved history and served on the Sigal Board for 32 years.



SOME MEMORIES OF NED HEINDEL FROM HIS CHEMISTRY COLLEAGUES

"Ned was an extraordinary colleague and human being. He was a strong supporter of our students, remained in touch with and connected to former colleagues and students, and was always available to help when needed," *Robert Flowers, The Herbert J. and Ann L. Siegel Dean of the College of Arts and Sciences, Lehigh University*

"When I talk to our alumni, Ned is usually the first person they fondly recall, and those who knew him know why. Despite an extraordinarily busy professional schedule and pursuit of personal interests, he always greeted people with a smile and had time for a friendly and encouraging conversation. As a professor and colleague for almost sixty years, it is entirely fair to say that Ned Heindel was an institution in the Lehigh Chemistry Department." *Gregory Ferguson, professor and chair of chemistry*

"One of my favorite memories is sitting next to him during presentations/seminars. Dr. Heindel always seemed to fall asleep; however during the question/answer session he would always ask some amazing and insightful question. The man was amazing, I don't know how he did it. He will be greatly missed." *Kelley Caflin, LVACS Councilor*

"This is a sad event. My first experience with LVACS was a private dinner with Ned before a meeting. We both arrived at the meeting without having made reservations assuming we could pick up a cancelation/no show spot. In both of our past experiences, there were always a few, except for that night we were told that 'nope, everyone had come and there were no spots for him and me.' We were sent to eat in the student cafeteria where upon we chatted through the dinner hour and it was about halfway through dinner that I realized that he was "That Ned Heindel!" I was 1. impressed that he was not worried at all about the section not seating him for dinner and 2. that he spent the evening with me as readily as he did. He was invaluable in organizing MARM 2018 as program chair. I will miss him." John Freeman, LVACS Awards Chair and at-large EC member and past MARM Chair

"Ned was to receive his ACS 50 Year Council recognition this year having been a councilor for: Lehigh Valley Section (1969-1970; 1976-1984); History of Chemistry Division (1979-1984) and as an Ex Officio member (1985-2023). Ned was also ACS President in 1994." Flint Lewis, ACS Secretary & General Counsel Director



LEHIGH VALLEY ACS CAREER PAGE

Check out the Career page on our website lvacs.org/careers for a wealth of information on the services provided by LVACS to chemists at all stages of their careers. Online courses, 1-on-1 consulting, professional development grants and the ACS Career Navigator™ package are some of the benefits offered to ACS members to assist in planning and executing your career. Greglynn Gibbs, our local section ACS Career Consultant, would be happy to assist any member seeking more information at greglgibbs@gmail.com

ACS Virtual Office Hour – Building Resilience



Join the ACS for this free Virtual Office Hour session on **Thursday, September 7, 2023 at 12pm EST**. Open to ACS members and non-members, this virtual session will begin with an exclusive presentation led by ACS Career Consultant <u>Lori Ana Valentin</u>. During this event you will learn how to cultivate and maintain three critical skills for lifelong success: Self-Love, Perspective, and Resilience. Attendees will also have the opportunity to network in small groups lead by ACS Career Consultants. <u>Register</u> now to reserve your seat!

Chemical technical professionals are trained and skilled workers who do not necessarily hold a Bachelors degree. These professionals handle chemicals, conduct experiments, run analysis, and interpret data, and might work in a lab, quality control, or production facility. The chemical industry *needs* qualified chemical technical professionals, ready to meet the demands of a dynamic and exciting chemical enterprise. And yet, there is a great shortage of qualified workers for these positions - 3.4 million, as of 2022. To raise awareness of careers for chemical technical professionals, the American Chemical Society and the American Association of Chemistry Teachers have launched a new strategic initiative - "Preparing Chemical Technical Professionals" aimed at offering resources for educators to use in career conversations with students.



We encourage you to explore the new Chemical Technical Professional micro-site, where educators can <u>Learn More</u>

- Discover classrooms strategies and tips for career conversations
- Explore some of the wide variety of career opportunities for chemical technical professionals
- Obtain and incorporate materials from the educator resources toolkit into their classroom
- Learn about the different education / training options for chemical technical professionals



New England Section Issues Annual Award Call Call for Nominations

The 2024 Gustavus John Esselen Award for Chemistry in the Public Interest

The Northeastern Section of the American Chemical Society (NESACS) is inviting nominations for the 37th Gustavus John Esselen Award for Chemistry in the Public Interest. This prestigious annual award is given to a chemical scientist whose scientific and technical work has contributed significantly to the public well-being thereby communicating the positive values of the chemical profession. The awardee shall be a living resident of the United States or Canada at the time of nomination and the public impact of the work should have become apparent within the five years preceding the nomination. There is no limitation to the field of chemistry. The selection committee focuses on the general public recognition of the work, as well as its scientific/technical significance.

The Award consists of a bronze medal and the sum of \$5,000. Travel expenses incidental to the conferring of the award will be reimbursed. The award will be presented at the April 2024 meeting of the Section. The Awardee is expected to deliver an address on the subject of the work for which the honor is conferred, or for work in progress which is also directed toward chemistry in the public interest.

Nominations should be submitted as a single pdf file including: 1) a letter signed by the primary sponsor with a description of the nominee's work recognized as making a major contribution to the public welfare and as communicating positive values of the chemical profession, plus the names of two co-sponsors; 2) short supporting co-sponsor statements; 3) the nominee's professional biography including a list of no more than ten of the nominee's publications selected for their pertinence to the work nominated for recognition; and 4) copies of popular and technical press news or feature articles indicative of public benefit and interest. Further information is available at www.nesacs.org.

Nominations Are Due October 13, 2023 to John Macor at john.macor@sionnatx.com with cc to jpipergrady@gmail.com. Award recipients will be notified by January 31, 2024. **Inquiries** may be directed to Dr. Macor or Ms. Piper Grady at the above emails or to Jeananne Piper Grady, Tel. (617) 620-8315. Address: 11 Thaxter St., Hingham, MA 02043.



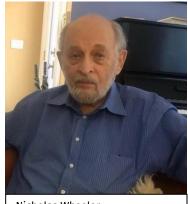
THE **GUSTAVUS JOHN ESSELEN AWARD** FOR CHEMISTRY IN THE PUBLIC INTEREST

AWARDED BY THE NORTHEASTERN SECTION **OF THE** AMERICAN CHEMICAL SOCIETY



Former Reed College professor recounts meeting with Oppenheimer

© Corey Buchanan Aug 2, 2023 Updated Aug 8, 2023 for the Lake Oswego [Oregon] Review



Nicholas Wheeler

Lake Oswego [Oregon] resident Nicholas Wheeler found it strange to watch a preview of Christopher Nolan's new film "Oppenheimer," which depicts the life of the physicist who led the Manhattan Project's invention of the atomic bomb. Actor Cillian Murphy's face wasn't the one he remembered from nearly seven decades ago. "I found it disorienting to see someone who was purportedly Oppenheimer who wasn't Oppenheimer," he said. In 1955, preceding a career as a physics professor at Reed College, the 19-year-old "star student" in the Portland college's physics department was asked to take J. Robert Oppenheimer on a tour of the campus before a lecture. The encounter came less than a year after Oppenheimer's security clearance — which granted him access to top secret information and thus helped maintain his authority and credibility — was famously revoked due to his purported ties to communism, a process depicted in the film. But that wasn't what Wheeler hoped to ask him about — his focus was on science.

Growing up in The Dalles [Oregon] and working as a newspaper deliverer, Wheeler saw a front-page story about the dropping of atomic bombs on Hiroshima and Nagasaki in Japan near the conclusion of World War II. "My first job was to try to figure out how the atomic bomb worked. I didn't know nearly enough about physics to do so, but I did think about it and collected as much literature as I could find about it," he said. "It was the atomic bomb that sent me into physics as a profession." By 1955. Wheeler had a more esoteric question to ask Oppenheimer, bringing up English astronomer Arthur Stanley Eddington's fundamental theory. Wheeler was intrigued by the idea that if you understood a concept deeply enough, the corresponding numbers were implicit. "In (Eddington's) book he remarked that the value of the number pi is implicit in the concept of a circle. If you truly understand what a circle is, that number comes to you on a platter," Wheeler explained. "I asked Oppenheimer, as we were walking along, when did he suppose physics would be mature enough to deduce the numbers that appear in the equations of physics?" Oppenheimer was less than impressed, essentially rejecting the premise of the question. Wheeler later learned that Oppenheimer was known for his "acid" personality and propensity to shoot down the ideas of colleagues. "If I had known anything about physics, I would have known the question I was asking was nonsense," Wheeler said of Oppenheimer's response. This wasn't Wheeler's only encounter with a member of the Oppenheimer family — nor with a famous physicist from the height of the nuclear age.

Wheeler also discussed objects that can only rotate one way and not the other with Oppenheimer's brother Frank at the Exploratorium in San Francisco and conversed with Edward Teller — who became the more famous Oppenheimer's adversary after their time building the atom bomb at Los Alamos because he wanted to build a hydrogen bomb and Oppenheimer did not. Teller blamed Oppenheimer for the science community allegedly turning against him, though he eventually succeeded in his efforts to build the bomb. At Reed, Wheeler found that Teller's personality contrasted markedly with Oppenheimer's. "I talked for an hour or two with Teller. He wasn't 'the great man, the great aloof man.' He was interested in what I as a student had to say and in trading stories back and forth. Oppenheimer would never do that," he said. Still, Wheeler said he sided with Oppenheimer in terms of reticence about building such a powerful weapon. In the movie, Oppenheimer is racked with guilt following the dropping of the bomb and becomes regretful about the technology he helped spawn. Despite the "Barbenheimer" craze that has led to huge box office numbers from both "Oppenheimer" and "Barbie," Wheeler hasn't seen "Oppenheimer." He will wait until it's available at home to watch. "When the movie shows up here in the house I will watch it — probably before I see 'Barbie,'" he said.

**Your Octagon Editor learned the little he knows about Quantum Mechanics from Prof. 'Nick' Wheeler, PhD, Brandeis U. (1960), who taught Physics at Reed from 1963 until he retired in 2010 as A. A. Knowlton Professor Emeritus of Physics.



Then Reed College student Nicholas Wheeler took J. Robert Oppenheimer on a tour of the Reed campus in the spring of 1955. Courtesy photo: Nicholas Wheeler









Pfizer Emergent Leader Award

The WCC Pfizer Emergent Leader Award recognizes 8 individuals* who will present their research at an awards symposium to be held during ACS 2024 Spring Meeting.

Awardees will be given a \$1,500 travel stipend to cover expenses.

They will present their research at a WCC/Pfizer half-day symposium and be recognized at the WCC Luncheon and Just Cocktails Reception.

Apply today

Application Deadline: October 1, 2023





* This includes women (both cis and trans) and persons assigned female at birth (AFAB), in their 2nd year and above in their graduate studies or undertaking post-doctoral research, in the areas of organic chemistry, synthetic methodology, total synthesis, medicinal chemistry, computational chemistry and chemical biology. Only US citizens and permanent residents are eligible.



LEHIGH VALLEY SECTION OF THE AMERICAN CHEMICAL SOCIETY 2023 EXECUTIVE COMMITTEE

OFFICERS

Chair: Steve Boyer sboyer11@esu.edu



COUNCILORS

Jeanne Berk (term ends 12/31/24) jrberk@cedarcrest.edu



Chair Elect: Philip Elias philipjelias@gmail.com



Kelley Caflin (term ends 12/31/23) caflinacs@yahoo.com



Immediate Past Chair: Lindsey Welch lawelch@cedarcrest.edu



ALTERNATE COUNCILORS

Mike Bertucci (term ends 12/31/23)





Secretary: Nigel Sanders nigel53.sanders@gmail.com



Ned Corcoran (term ends 12/31/24) ewc777@gmail.com

Treasurer: Sherman Cox <u>shermdc51@gmail.com</u>



At-large members: John Freeman Abigail Stocker





The Octagon Newsletter is published by the Lehigh Valley Section of the American Chemical Society to provide information to section members and the public about activities and programs which support the section mission "To elevate the chemical sciences in the Lehigh Valley section for the benefit of our members and our community." Send all queries to the editor at: nigel53.sanders@gmail.com