Dear ACS Members and Friends,

One thing that we all can agree on is that COVID-19 has impacted nearly every aspect of life. I’m sure you’re all aware that we’re still in the middle of a pandemic. We’re tired of the odd and sometimes uncomfortable things we’ve done to avoid it. At the end of the day, we want to keep our family and friends safe, both physically and emotionally. I take this moment to remind everyone to continue practicing all necessary precautions such as social distancing, face masks and vaccinations as per the state guidelines.

On a personal note, I myself was overwhelmed by the Covid news I was receiving from all over the place and experienced the most complicated emotional path: nervous, sad, and confused. Similar to many of you, I could not visit my parents since the spread of covid (more than 2 years). Few months ago, I planned a trip when the situation eased off a little bit and travel restrictions slowed down. Unfortunately, a new variant ‘Omicron’ broke out again right before the schedule and the whole trip had to be canceled. In the end, I realized that none of these emotional and sentimental reactions would help. We need to be strong, keep a positive outlook, do the best in our capacity and look forward to moving on because what matters is not something that has already happened, but is what you will do next. Thanks to the increased availability of digital tools, we can stay in close contact with our loved ones and react safely in this challenging time to keep them and ourselves safe. I agree, It is easier said than done. But we shall pass this tough time with our collective efforts.
As we focus on safety first, let's not forget other safety aspects that are equally important for the protection of our health and the environment. I love what I do at Air Liquide. One of the aspects I am proud of is the strong safety culture in the company. I came across a presentation about safety tips and links from my colleagues that I found very relevant and useful in everyday life. Thanks to Robert and Akshar for their prompt responses on my request to share Household Hazardous Waste Management tips with our section community. I suggest that you take a moment to read the article. I am sure it will be worth reading and saving the key information. I will wrap up with a famous and inspiring quotation: “A great safety culture: When people continue to work safely and do the right thing ... even when no one is watching.”

Last but not the least, if you have any suggestions about networking, workshops or other career-related events for DE ACS, please do not hesitate to contact me or other executive committee members listed in the contact information. Your voice is important to the section. Feel free to provide feedback to any of the executive committee members throughout the year by phone or email. We want to hear from you. You can find our contact information in any of this year's Del Chem bulletins or online at delawareacs.org. Thank you for your faithful support and readership.

— Anuj
The new website for Delaware ACS has launched!

delawareacs.org

DE ACS High School Teacher of the Year Award

The Delaware Section of the American Chemical Society wants to give a shout-out to all science educators who are bringing science to their students during these challenging times. You’ve found a way to make hybrid learning work and your passion for science and education is evident.

Please consider nominating yourself or another science teacher for the Delaware ACS High School Teacher award. This award is given annually to a teacher in chemistry and related subjects (environmental, earth science, biochemistry, etc.), and it consists of a $500 award to the teacher and an additional $500 award to their school. This award is open to all schools within the state. The winner will be chosen by the Delaware ACS Education Committee based on evidence of excellence in teaching.

The Nomination Form is Available Here.
You can also email the Education Committee Chair, Rita Vasta, at rmvasta@aol.com to request a nomination form.

Nominations for the 2022 award will close June 30, 2022.

The U.S. National Chemistry Olympiad (USNCO) for Delaware

The 2022 National Chemistry Olympiad exam for the Delaware section of the ACS will be held Wednesday, April 27, 2022, from 8 am to 2 pm at Archmere Academy. High school chemistry teachers may nominate their top one or two chemistry students to participate in this challenging exam. The exam includes a multiple choice section, a free response calculations section, and a self-directed lab exercise. The USNCO website lists eligibility requirements for students and posts copies of past exams.

There is no fee to participate in the event. If you are a high school chemistry teacher and would like to nominate a student to participate, please contact Sharon Archer at sarcher@archmereacademy.com.

USNCO Website
Chemical Consultants Network ZOOM MEETING

MARCH 09, 2022

THE WORLD OF PHARMA REGULATORY AFFAIRS TODAY

Sandra L Bihary Waltz – PRA Health Sciences

DATE & TIME: Wednesday, March 09, 2022 at 6:30 pm

Click here to register

Location: Online via Zoom! (registration required, see below)

Biography: Sandra L Bihary Waltz, Greenville, DE, who is completing her DBA (Doctorate of Business Administration) degree at Wilmington University, is a BSN and MSN degree holder with more than 30 years’ work at senior levels in Pharma Regulatory Affairs. She is a Consulting Expert with Expert-Nation.com Global Expert Network, formerly known to many as CECON.com.

She has worked in senior program levels at AstraZeneca and GlaxoSmithKline in the Greater Philadelphia area, at Japanese keiretsu Otsuka in Princeton, NJ, and for BARDA, the US Government’s Biomedical Advanced Research and Development Authority, the Center for Disease Control and the FDA. Her career focus is on the development of medical countermeasures, principally against bioterrorism, including chemical, biological, radiological and nuclear threats, as well as pandemic influenza and emerging diseases, like COVID19.

Sandi is a native of Pittsburgh, PA, where she was honored 3 years ago as a Carlow Laureate by her alma mater, Carlow University, for lifetime and career achievements. She has been a Delawarean for about 40 years, where she worked for almost a decade in clinical health care before entering the pharma industry.

She presently is employed full time by PRA Health Sciences, a Durham, NC-based publicly traded global consultancy which positions itself as “a global healthcare intelligence partner with everything you need to take your assets from concept to compound to cure.”.

Click here to register to attend the event. This session is FREE.

CONSULTANTS - OPPORTUNITY HERE!  PLEASE VISIT http://www.chemconsultants.org/

Are You Getting the Benefits of CCN Membership or Event Participation?

The Chemical Consultants Network provides valuable tools for members beyond the meetings and networking. Check out our:
• Valuable past presentations - Consultants’ Directory - Blogs - Resources
• Join! Most valuable – post your consulting practice information – and have greater visibility!
• If you’d like to speak with one of our members, come to a CCN meeting

Register Here!
University of Delaware, Sr. Lab Tech position

The Department of Chemistry and Biochemistry at the University of Delaware seeks a Senior Laboratory Technician to support teaching laboratories. The principal emphasis is on preparing solutions, analyses, and experiments for General, Biochemical, and Organic laboratory courses. Review of applications will continue until the position is filled. For this position, a Bachelor's degree in a field of science with related experience, or an equivalent combination of education and experience is strongly preferred.

Email Contact: 
Donnie Golden, Laboratory Coordinator
dgolden@udel.edu

Website: University of Delaware

ACS Career Resources
Here to Help You Succeed!
Advance your career with the ACS Career Navigator, your home for career services, leadership development, and professional education courses. No matter what stage your career is currently in, the ACS Career Navigator has the resources to help point you in the right direction. Below are just a few of the resources available for ACS Members:

**Career Pathways Workshops:** Learn about the four main career pathways available to chemistry professionals—academic, industry, government, and entrepreneurial careers, and why each may, or may not, be the right choice for you. [acs.org/careerpathways](http://acs.org/careerpathways)

**Career Day Events:** Held throughout the year in person, locally, and virtually, these live events help participants build their skills, network with peers, and more. [acs.org/careerevents](http://acs.org/careerevents)

**Career Consultants:** A team of experts is available at live events and virtually for general career consulting, résumé reviews, mock interviews, and LinkedIn profile reviews. [acs.org/careerconsultants](http://acs.org/careerconsultants)

**Salary Calculator:** Ensure you’re being fairly compensated as compared to others in similar jobs. The calculator provides median-based salary data by career choice and your projected future salary. Data are adjusted for inflation. [acs.org/calculator](http://acs.org/calculator)

**Professional Education:** Courses on a variety of topic areas are taught by expert instructors and are available in-person at various locations in the U.S. and online. [proed.acs.org](http://proed.acs.org)

**Leadership Development:** Learn essential skills to strengthen your competitive advantage in today’s global economy. Focused around five main areas of leadership competency, ACS Leadership Development System courses can be taken face-to-face or online. [learning.acs.org](http://learning.acs.org)

And more!

**Visit the ACS Career Navigator Today**
**Chemistry is There**
The chemical water is very much involved as ice or snow - lots of it. Skis, snowboards, and skates are helping these young athletes defy the laws of physics in spectacular ways. I must admit that watching these events makes me feel like a wimp. Water is scarce in Beijing, located in the north of China where snowfall is limited. It is necessary to use machine-made snow to hold ski and snowboarding events. China has hired Techno Alpin, an Italian company, to make the necessary snow. Needless to say, this is very expensive. It was also pointed out that about 35% of the water used does not form snow. Transporting the water to ski areas requires miles of pipe and many pumping stations. It is estimated that about one million cubic meters will be needed! We are talking real money being converted to snow. Thanks to Matthew Fulterman and Raymond Zhong of the NY Times for an interesting report in the February 7 edition. In addition to water, chemistry provides the fibers in the athlete's apparel, the synthetic materials used in skis and snowboards plus safety helmets. Much has changed at the Olympics over the past 100 years.

**The Arthur C. Cope Scholar Award**
Congratulations to Joseph M. Fox, Professor of Chemistry and Biochemistry at the University of Delaware. He was featured in the January 31 issue of C&E News. The citation reads: For Outstanding Achievements in the development of organic reactions with applications in biology, synthesis, and materials science.

**Tax Season**
The January 3 issue of C&E News included a feature article on Prof Charles Lieber's conviction on six counts in Federal Court in Boston. Lieber was the Chair of the Department of Chemistry at Harvard. The charges include filing fraudulent tax returns, failure to disclose a bank account in China, and making false statements. He was involved with the Wuhan University of Technology as part of China's Thousand Talents Program. There is a great shock in the academic community over this case. It is part of the China Initiative of the U.S. Department of Justice.

**Organizations to Support**
No doubt you also get daily requests for donations from organizations that do good
deeds. As a chemist, two of my favorites are the Hagley Museum and Library in Wilmington plus the Science History Institute (formerly known as the Chemical Heritage Foundation) in Philadelphia. Both organizations are involved in promoting chemistry to the public. Thanks for reading!

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**Everyday Safety First Tips**

Air Liquide colleagues, Robert and Akshar, have shared their presentation about [Household Hazardous Waste Management](#).

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**ACS NATIONAL NEWS**

**On Demand Course**

**Chemistry in Practice: Reduce the Spread of Viruses**

*Reduce the Spread of Viruses* aims to connect chemical principles of infectious disease to personal actions to help control the spread. This on-demand educational course is intended for all professionals, academics or students returning to work settings who wish to evaluate their risk. Developed and
reviewed by leading experts such as Dr. Poonum Korpe, M.D. of Johns Hopkins University, this course consists of lessons on how a virus spreads, mask use, effective hand hygiene, recommendations on gloves and face shields, navigating group situations complete with a risk-assessment calculator, cleaning and disinfecting, vaccines and antivirals, and a self-assessment module. Register for access to two freely available modules or purchase the course using your ACS ID for $20 USD.

**Register Today**

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**July 29-31 in Portland, OR**

**Workshop for Prospective Chemical Sciences Faculty**

If you're interested in a career in academia, apply today for the 2022 Postdoc to Faculty Workshop, where you'll receive an overview of positions and expectations in the variety of higher education institutions in the U.S., along with advice on applying for faculty positions, strategies for balancing scholarship, teaching, service expectations, and more.

**Register by April 3**

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**March 13-18 in Blacksburg, VA**

**Get Hands-on Experience in Polymer Chemistry**
Join us for “Polymer Chemistry: Principles and Practice,” where you'll learn all about polymer chemistry through a novel combination of lectures and labs, led by Virginia Tech faculty and designed for all education levels.

**Register Today, Space is Limited!**

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**DE ACS Executive Committee Meeting Minutes**

Delaware Section of the American Chemical Society  
**Tuesday February 15, 2022 • Zoom**  
Respectfully submitted, Melanie Brennan

Section Chair, Anuj Kumar, called the meeting to order at 6:04 P.M.

**OFFICER REPORTS**

**Chair’s Report:**
The DelChem Bulletin for February is underway and should be posted later this week. Its theme will be safety this month. Anuj asked if anyone on the committee has anything to add and he suggested highlights of our new website and social media accounts. Anuj will handle more of the activity on the LinkedIn account while Erin will handle more of the Twitter account. Our executive committee photos have been uploaded onto our new ACS DE section website.

Zhen may be organizing a poster conference for students with Adesis in May – June as well as a speaker for an event in early March.

The 2021 annual report is due today. Martha still needs Anuj to add his 2022 goals for the DE section. She also suggests that Anuj do some strategic planning for these goals, considering topics such as 5-year long-term goals for the section. Martha suggested a possibility of paying someone from the ACS National group to do a strategic planning retreat for topics like the DE section’s vision and mission statement. Anuj will add goals including these strategic planning topics as well as having our senior members interact more with younger members. Anuj’s vision for the section includes having a stronger network within the
section, which has degraded during the pandemic. He would also like to see more outreach and student participation within the section.

Anuj plans to have a career theme for the March DelChem bulletin. This could involve more participation from the executive committee on these social media and carrier platforms.

We will continue our monthly meetings on the third Tuesday of the month. Our next meeting will be on March 15th. It would be helpful to send out a reminder email a day or two prior to the next meeting as we did have some absences during this month’s meeting.

**Chair-Elect’s Report:**
No report.

**Past-Chair’s Report:**
No report.

**Secretary’s Report:**
Melanie and Joe met up to exchange keys to the DE section P.O. box and discuss its status. The Montchanin post office was ruined during a severe storm, so our P.O. box has been temporarily relocated to the Rockland post office. We will begin owing USPS fees again once the Montchanin post office reopens after repairs.

**Treasurer’s Report:**
Joe checked the confirmed 2022 budget and noted that we have allocated $6,000 to be used for educating local DE teachers.

**Director’s Report:**
No report.

**REPORTS OF COMMITTEES & RELATED GROUPS**
**Awards:**
Andi and Anuj will schedule a meeting to work on the two-section awards. The Carothers award event needs to be scheduled in consultation with the Carothers Committee.

**Education:**
Tonyea Meade from the Delaware Department of Education is looking into a teacher training program run by Michigan State University. This does not appear
to be the same program for which we have already budgeted the funding mentioned above in the minutes. The MSU program costs about $25,000. Andi and Rita have corresponded with Tonyea about finding other funding sources, since this is more than the Section is likely to be able to support. Until we get a specific request from Tonyea, we don’t have enough information to discuss this further.

**Social Media:**
Erin has created multiple social media accounts for ACS DE section. She is an administrator of a Facebook and a Twitter account. We also have a LinkedIn account which is owned by Tiffany. The committee discussed advertising our local section events on these platforms. Ideas about creating a post for each member of the executive committee and surveying the public about what kinds of events they would like to see were tossed around. Our new ACS DE section website is also up and running now.

**Events:**
Erin contacted Hagley Museum to discuss setting up an event. Hagley has a great speaker who is interested in doing a talk with us in late March or early April. This talk would involve the early history of DuPont’s chemistry up until the 1980s.

Rita and Martha are working on a MARM education event that will take place in June in Trenton, NJ. We plan to advertise this in our local DelChem Bulletin.

**Old Business:**
None

**New Business:**
None
The meeting was adjourned at 6:48 P.M.

**Executive Committee Members & Committee Chairs Present:**
Anuj Kumar, Jing Qu, Melanie Brennan, Joseph Izzo, Erin Kennedy, Martha Hollomon, Andrea Martin