



# ACS MATTERS

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May 19, 2020

## FEATURE

### Call for Lab Design Submissions for *ACS Chemical Health & Safety*

*ACS Chemical Health & Safety* is currently calling for submissions from engineers, scientists, EH&S professionals, non-research personnel or architects who are responsible for laboratory design.



Manuscripts should focus on lab design to enable safe, secure and sustainable research. Submit your work by August 1. Questions? Send e-mail to [managing.editor@safety.acs.org](mailto:managing.editor@safety.acs.org) or see the author guidelines [here](#).

Launched in early 2020, *ACS Chemical Health & Safety* is a global platform for ensuring that all members of the chemical enterprise receive access to new research, safety information, regulatory updates, effective chemical hygiene practices, and hazard assessment tools. *Mary Beth Mulcahy* of Sandia National Laboratories serves as the Editor-in-Chief. The journal focuses on publishing high-quality articles of interest to scientists, EH&S professionals, and non-research personnel who manage or work in areas where chemicals are used or hazardous waste is generated. Manuscripts may include original research, critical examinations of safety incidents, or substantial, comprehensive, and readable reviews on topics and methodologies that advance chemical health and safety knowledge.

## REMOTE RESOURCES & LEARNING OPPORTUNITIES

### SciMeetings: Nearly 2,400 Posters and Presentations Available



Through the new virtual science-sharing platform, *SciMeetings*, the scientific community can view posters and presentations that were originally submitted for the ACS Spring 2020 National Meeting. In addition to the submissions, there was also a social-media event, #ACSSciMeet, that took place in late April. Conversations and comments that were captured during #ACSSciMeet can be reviewed online [here](#) and on [Twitter](#).

### This Week's Free ACS Webinars: Coffee, Cannabinoids, and Enhancing Your Digital Presence

Register and join our distinguished panel of subject matter experts for this week's FREE ACS Webinars:



**Maximizing Your Digital Presence: LinkedIn Profiles for Chemists** - Wednesday, May 20, 2:00 PM ET (live broadcast). Sandra Long of Post Road Consulting offers her best practice tips to help you maximize your LinkedIn Profile so that you can enhance your career opportunities.

**Cannabinoids: Stumbling Through Challenging Separations** - Thursday, May 21, 2:00 PM ET (live broadcast). As views on hemp and marijuana change, the introduction of analytical chemistry offers the tools necessary to bring science to a complicated topic. Join Lee Polite of Axion Analytical Labs as he explores the HPLC conditions necessary to separate the 7 most common cannabinoids.

**Coffee: A Chemical and Physical Perspective** - Friday, May 22, 2:00 PM ET (rebroadcast). During this edited recording, Christopher Hendon of the University of Oregon, dubbed "Specialty Coffee's Resident Scientist" by *The Atlantic*, uses chemistry and physics to discuss how to isolate the most impactful variables in the reproduction of cup quality, while optimizing the usage of coffee to maximize profitability and flavor.

Did you miss a webinar or want to view one again? ACS members have exclusive access to our expansive library of recordings. Visit the [webinar archives](#) to catch up on the latest recordings.

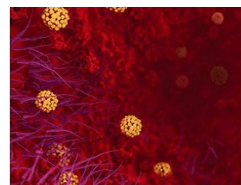
### Register Today to Save Your Spot for the GC&E Virtual Conference



Save your spot and register for the 24th Annual Green Chemistry and Engineering (GC&E) Virtual Conference, June 15-19, 2020. Complimentary registration is brought to you by the ACS Green Chemistry Institute® (ACS GCI) and our GC&E Virtual Conference Sponsors. If you're interested in advancing sustainable science and solutions to global challenges, this is one conference you don't want to miss. Sign up now to join nearly 2,000 of your colleagues who have already registered!

### COVID-19 Resources and Information

As a leading scientific society and publisher of scientific research and information, ACS is committed to helping combat the global COVID-19 pandemic, and has launched several special initiatives for the fight, including a [special COVID-19 resource center](#) for members, researchers, policymakers, educators, students, media, and the public.



ACS Publications has curated special collections and free-to-read [virtual issues](#) with the latest research published in ACS journals. Additionally, *Chemical & Engineering News* (C&EN) has built an expanding [collection of articles on COVID-19 research](#) as well as the pandemic's impact on chemical scientists, their careers, and their workplaces.

### Candid Chat Session on COVID-19 and Its Impact on Postdocs and Grad Students



Join Dr. Joerg Schlatterer for a candid online chat session about COVID-19 and its effect on graduate students and postdocs. This will be an honest and friendly discussion (not a webinar or presentation) related to the pandemic and its impact on the job market for grad students and postdocs, with helpful resources included. Bring your questions! Register today and join the chat on Friday, May 29, 3:00-3:45 PM ET.

### Tips for Online Publishing

With so much communication and commerce happening online, accessibility is key. When developing public-facing content, materials or webpages, it's important to keep in mind that your audience may have varying language proficiencies or disabilities. Use the following tips to improve the accessibility of your content:



- For information published online, provide written descriptions to explain images, audio files, videos and all other non-text elements. Videos should always include captioning.
- Avoid typing in all caps. This causes some screen readers to spell the words instead of speaking them as words.
- For users with color-blindness, use action-oriented directions and indicators rather than color-coding to convey information. For example, instead of, "The items in blue are required," try, "The items with asterisks are required."
- Avoid underlining text, because that indicates links. Use italics sparingly, because this type of font can be difficult to read.
- When displaying a URL, try using programs that shorten links. This not only sharpens the look of a lengthy URL, it saves on time for screen readers.

Information adapted from [www.usa.gov/style-guide/accessibility](http://www.usa.gov/style-guide/accessibility).



## ACS CAREER NAVIGATOR

### Network and Learn Online with ACS ProEd



In response to the COVID-19 pandemic, ACS Professional Education is **converting its Chicago series of In-Person courses to virtual delivery**. Take advantage of the multiple upcoming online courses available to sharpen your skills and enrich your understanding of critical subjects.

Experience an unparalleled forum for peer-to-peer discussion and gain insights from subject matter experts in everything from **effective technical writing** to **polymeric coatings**, **experimental design for productivity and quality in research & development**, and **more**. Enter the code 'Chicago2020' at **registration** to receive a \$200 discount on each course.

### Register Today to Discover Your Leadership Potential

Our online, self-paced **ACS Leadership Development System®** offers insight into the four main areas of core leadership competency (personal capability, interpersonal skills, focusing on results and setting a clear direction) and the overarching character competency.



Choose from topics like **Managing Projects Effectively**, **Matching Interests with Goals**, **Becoming an Effective Contributor**, **Succession Planning**, **Understanding Members' Interests**, and **Running Productive Meetings**.

### Virtual Career Consulting, Every Thursday at 12:00 Noon ET



ACS Career Consultants will be available for **"Virtual Office Hours"** every Thursday, at 12:00 PM ET, to chat with ACS Members about **résumé writing**, **video interviewing**, **optimizing your LinkedIn profile**, and **more!** These Career Consultant Virtual Office Hours are reserved exclusively for ACS Members.

Register today to attend one of two virtual career-coaching sessions (12:00 or 12:45 PM) each week, for expert guidance on building a powerful and relevant résumé; transferable skills applicable for today's work environment; and additional ACS resources to advance your career. You'll also be able to network with fellow ACS Members in the virtual session. Space is limited - click [here](#) to register for May 21 sessions, or [here](#) for May 28 sessions.

## C&EN Jobs - Latest Postings

**c&en** JOBS

- [Jefferson Science Fellowship Program | The National Academies of Sciences, Engineering, and Medicine | Washington, DC](#)
- [Postdoctoral and Senior Research Awards | U.S. Air Force Science & Technology Fellowship Programs | Washington, DC](#)
- [NRC Research Associateship Programs Postdoctoral and Senior Research Awards | The National Academies of Sciences, Engineering, and Medicine | Washington, DC](#)
- [Tenure-Track Position in Transmission Electron Microscopy and Spectroscopy | Istituto Italiano di Tecnologia \(IIT\) | Genoa, Italy](#)

## ACS NEWS

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### Complimentary Access to LinkedIn Learning for ACS Members - Opt In Today

Did you know you can access personalized on-demand learning opportunities through LinkedIn Learning as an ACS member benefit? ACS members can opt in to

**LinkedIn** LEARNING

receive access to LinkedIn Learning at no additional cost as part of their ACS membership. [Opt in for access to LinkedIn Learning from ACS today!](#) For questions about LinkedIn Learning from ACS, please email [LinkedInLearningPilot@acs.org](mailto:LinkedInLearningPilot@acs.org).

### 2020 Chemistry Olympiad Virtual Study Camp Students Named



The U.S. National Chemistry Olympiad (USNCO) Program is proud to announce that **20 finalists will participate in the Chemistry Olympiad Virtual Study Camp**, May 31-June 12, 2020. The USNCO Virtual Study Camp will be organized by ACS in collaboration with the Chemistry Department of the University of Maryland at College Park, MD.

The 20 finalists include 18 boys and 2 girls, representing 15 ACS local sections and 9 states. They will be mentored during the virtual study camp by University of Maryland faculty as well as Dr. Melissa Barranger-Mathys, Ursuline College, OH (head mentor), Dr. Joseph Houck, Penn State University, PA (college mentor), Ms. Esther Hines, Billerica Memorial High School, MA (high school mentor), and Mr. Harrison Wang, Massachusetts Institute of Technology, MA (peer mentor). ACS has sponsored the American team annually since the U.S. joined the International Chemistry Olympiad in 1984. Principal funding is through the ACS Donald F. and Mildred Topp Othmer Olympiad Endowment, with additional support from other donors. For a detailed list of Study Camp finalists, as well as a complete list of donors, visit [www.acs.org/olympiad](http://www.acs.org/olympiad).

### Accepting Bridge Partner Proposals Through June 1

Are you and your department interested in improving access to and culture of graduate education at your institution? Become an [ACS Bridge Partner](#) and work with talented underrepresented minority students by assisting in providing an intellectual and cultural transition between undergraduate and graduate environments. Learn more by visiting [www.acs.org/bridge](http://www.acs.org/bridge) for more information and submit a proposal by June 1.



### Want to Create a Will, but Don't Know Where to Start?

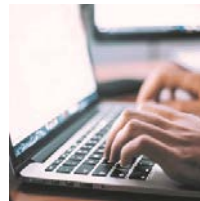


According to Google Trends, Americans are researching “creating a will” more than ever before. If you are among those seeking that kind of advice right now, you can find it in the [Wills and Living Trusts](#) page of the ACS Legacy Planning website. On this page, you can download a free copy of “A Guide to Making Your Will,” and also learn how you can include ACS in your estate plans in as little as one sentence. This type of donation to ACS helps ensure that we carry out our mission for years to come. For more information, please contact Mary Bet Dobson, CAP® at 202-872-6210 or [PlannedGifts@acs.org](mailto:PlannedGifts@acs.org).

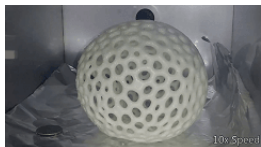
## Digital Spring Cleaning

Add digital devices to your spring cleaning checklist to boost your security.

- Refresh passwords on your WiFi, devices, email, social media accounts, work platforms and other tools like video conferencing apps.
- Be wary of links, unexpected phone calls or unusual requests, as cyber criminals remain active.
- Review any cyber-security protocols, access levels for current or past employees, and security settings for online accounts. Update as needed.



While you review your digital presence, evaluate changes in your work that may benefit from [Professional Liability Insurance](#) to ensure you are protected from every angle.



## ACS in the News: Yahoo! News

"This 3D-printed foam expands up to 40 times its original size" (from *Yahoo! News*, May 8, 2020)

"In a [paper published](#) in *ACS Applied Materials & Interfaces*, the team describes how they developed the resin, printing parameters and some of the mechanical properties of 3D-printed foams. This isn't the first time we've seen 3D-printers produce foam objects, and we've witnessed some creations, like MIT's shape-shifting pasta, morph after they're printed. But this is still a novel approach, and at the very least, it's fun to watch."

## Special Member Discounts from Hertz for All Ages!

Hertz has special [ACS Member discounts for your rental car needs](#), including programs for renters over 50, Hertz Ultimate Choice, Gold Plus Rewards, and a special promotion for renters between ages 18-24, where the usual young renter fee is being waived until May 31, 2020.



Beyond these special programs and offers, qualified renters have every day access to a wide range of vehicles, with [special discount offers on most car classes](#). Call 1-800-654-2210 or go to [hertz.com](http://hertz.com) and use code 0083855 to access your special member savings offers.

C&EN - This Week's Headlines

**c&en**

- C&EN, Table of Contents, May 18 issue
- Getting back to the lab during COVID-19
- Forget expiration dates. Spoilage sensors could tell us when food actually goes bad
- Adenoviral vectors are the new COVID-19 vaccine front-runners. Can they overcome their checkered past?
- Faculty open up about mental health under the COVID-19 pandemic
- COVID-19 could take a toll on CO<sub>2</sub>-reduction efforts
- Periodic Graphics: The science of exercise
- Why NASA thinks nuclear reactors could supply power for human colonies in space
- Carbon capture for craft beer, and liquor from whey
- Ir catalyst attacks strong C–H bonds without directing group
- Understanding how urban smog particles grow quickly
- Chemical studies reveal what's making *The Scream* lose some of its vibrant color and how to prevent further degradation
- Drug and chemical firms relax patent controls for COVID-19 response
- A greener path toward vanillin from paper pulp

## PHUN & GAMES

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### Reactions Covers the Chemistry in Your Kitchen



Do you find yourself cooking at home more, lately, for some reason? If you're having a more hands-on relationship with your meal preparation, and you're curious about the science behind your ingredients, [check out the Food Science playlist from \*Reactions\*](#)!

From sriracha to cilantro to champagne, you'll find dozens of videos that explore the [chemistry of cooking and the science of nutrition](#). *Bon appetit!*

*Reactions* is a video series produced by ACS and PBS Digital Studios that uncovers the chemistry all around us. Check out dozens of archived videos that answer the burning questions you've always wanted to ask – with chemistry! [Subscribe to \*Reactions\* on YouTube](#) and follow us on [Facebook](#) and [Twitter](#).

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