



# ACS MATTERS

Your Source for the Latest News & Events  
from the American Chemical Society



[Update Profile](#)

[Join](#)

[Renew](#)

[Archive](#)

*Hands-on virtual learning resources for Chemistry At Home*

**June 16, 2020**

## FEATURE

### Participate in Free Outreach Training Online



OUTREACH TRAINING PROGRAM

Register today for the new and improved [ACS Outreach Training Program \(OTP\)](#)! The OTP helps all ACS volunteers from across the globe who are passionate about science outreach to fully maximize Society resources. This year's content is even more relevant for everyone in ACS' global volunteer pool, and the course experts represent a great wealth of outreach experience from different

regions, professional and student groups, and ACS committees.

The program includes sessions on ACS outreach resources, event planning and fundraising, leading volunteers, marketing and partnerships, monitoring success, communicating through hands-on activities, and safety in outreach settings. Attendees will learn how to successfully plan and execute hands-on science outreach events, as well as have an opportunity to network and build a community with others who are passionate about science outreach and ACS.

The free, live online courses will be held weekly on Tuesdays, at 12:00 PM ET, from June 23 to August 4, 2020. Learn more at [www.acs.org/otp](http://www.acs.org/otp).

**c&en's**  
**10** START-UPS  
TO WATCH  
**2020 CALL FOR NOMINATIONS**  
**NOMINATE TODAY!**

## REMOTE RESOURCES & LEARNING OPPORTUNITIES

### ACS Announces Fall 2020 VIRTUAL Meeting & Expo

Based on the established COVID-19 reopening plans of the State of California and the City of San Francisco, as well as direct inputs from San Francisco city and public health officials, the American Chemical Society has decided to [move the ACS Fall 2020 Meeting & Expo to a virtual platform](#). There will be no physical events held in San Francisco associated with the meeting.



The decision, approved by the ACS Board of Directors, is in keeping with the Society's core value of safety by ensuring the safety of its members, staff, and the citizens of San Francisco.

The [ACS Fall 2020 VIRTUAL Meeting & Expo](#) will be held August 17-20, 2020, completely online. Details for attendees, presenters, and organizers will be announced over the coming days and weeks and will be available on the [ACS National Meetings](#) website.

### Open for Submissions: *ACS ES&T Engineering* and *ACS ES&T Water*



Reflecting the growing role of environmental science and technology in the chemistry field and in our daily lives, ACS Publications is pleased to announce that *ACS ES&T Engineering* and *ACS ES&T Water* are now open for submissions. These two new journals join the prestigious *Environmental Science & Technology* family of journals.

*ACS ES&T Engineering*, led by Editor-in-Chief [Wonyong Choi](#) (POSTECH, South Korea), will publish high-impact research and review/perspective articles in all areas of environmental technology and engineering.

*ACS ES&T Water*, an international multidisciplinary journal led by Editor-in-Chief [Shane A. Snyder](#) (Nanyang Technological University, Singapore), will publish novel, high-impact, research on all aspects of water quality, chemistry, treatment, protection, and sustainable use/reuse and supply.

Visit the homepages for [ACS ES&T Engineering](#) and [ACS ES&T Water](#) to find out more.

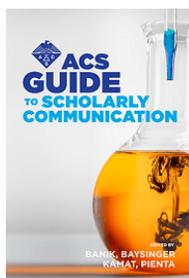
### Free from ACS Webinars: Navigating the COVID-era Job Market and State-of-the-Art Self-Healing Polymers

Join blogger Chemjobber and economist Kevin Swift of the American Chemistry Council on Wednesday, June 17, as they give an [overview of the current chemistry job market in both industry and academia](#), discuss the pockets of opportunity that still exist, and answer your questions. Then on Thursday, June 18, tune in for a [fascinating discussion about autonomous self-healing polymers](#) with Marek Urban of Clemson University and Christopher Bowman of the University of Colorado Boulder.



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

### Special Member Access to the New *ACS Guide to Scholarly Communication*



The *ACS Guide to Scholarly Communication* is an essential reference that covers everything from classic journal authoring topics, to styling conventions, and modern publishing topics such as open access, preprints and data. ACS Members can get personal access to the *Guide* at the [special rate](#) of \$65 per year. The *Guide* provides students, researchers, educators, and librarians with instruction and advice needed to master the art of scholarly communication. And the new *Guide* is completely updated and modernized, covering all instructions from previous editions.

### Free 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? Opt in today to receive



access to LinkedIn Learning at no additional cost. Please e-mail any questions to [LinkedInLearningPilot@acs.org](mailto:LinkedInLearningPilot@acs.org).

## Free-to-Read Virtual Issue on Teaching Chemistry Online



To support the dedicated educators who are working so hard and diligently to keep their students' chemistry education moving forward despite the pandemic, ACS Publications and the ACS Division of Chemical Education have compiled a [collection of distance-teaching resources](#), including free-to-read articles from the *Journal of Chemical Education*.

Over the past several years, articles about learning chemistry at a distance and teaching chemistry online have appeared occasionally in the *Journal of Chemical Education*. This [Virtual Issue](#) includes many of these articles, along with a few additional resources, to provide guidance to chemistry instructors who are now finding themselves learning a new, less-than-ideal instructional format on the job, with new challenges arising on a regular basis. Access the Virtual Issue [here](#).

## ACS CAREER NAVIGATOR

### Virtual Career Day for Early-Career Chemists

Recent graduates and early-career chemists, you won't want to miss the [Virtual ACS Career Day](#), on Saturday, June 27, at 10:00 AM ET, brought to you by Career Navigator LIVE and the ACS Younger Chemists Committee (YCC). This FREE online event will feature interactive workshops on successful networking and landing your first job, plus breakout "roundtable talks" with workshop participants and ACS Career Consultants. Attendees will also be offered a special discount on ACS membership. Visit the [Virtual ACS Career Day homepage](#) for more information and [register today!](#)



### Network and Learn Online with ACS ProEd



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 on 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.

Additionally, ACS ProED On Demand offers [high-quality, prerecorded courses across all topics of chemistry](#), giving you the flexibility to participate at any time, from anywhere at an even more affordable price. Save \$100 per module during the month of June. [Learn more.](#)

### Meet with ACS Career Consultants - Thursday, June 18, at 12:00 Noon ET

Whether you're planning for the future or trying to adjust to a new career reality, ACS Career Consultants are here to help! These advisers are available every Thursday for "Virtual Office Hours" group career counseling. [Register today](#) for expert guidance on optimizing your LinkedIn profile, online networking, video interviewing, or anything else that's relevant to your career growth. This benefit is available exclusively to ACS Members; you can reserve a spot for the June 18 session at [acs.org/careerconsulting](https://acs.org/careerconsulting).



### Innovation Zone: Eric Breese, Investment Manager, Evonik Venture Capital



### Visiting Labs and Plants

"I have a financial and management background and was lucky to work with early-stage businesses earlier in my career. This created an interest in..." [read more](#)

Adapted from the June 11, 2020 weekly edition of *ACS Industry Matters*. To subscribe, [click here](#).

## C&EN Jobs - Latest Postings

**c&en** JOBS

- Organic Synthetic Chemist | Johns Hopkins | Baltimore, MD
- Research & Development, Chemistry (Experienced) | Sandia National Laboratories | Carlsbad, NM
- Natural Ingredients Research Chemist | Givaudan Flavors | Cincinnati, OH
- Visiting Assistant Professor Biochemistry | Swarthmore College | Swarthmore, PA

## ACS NEWS

---

### Webinar: How to Become an ACS Bridge Site or Partnership Department



Is your department interested in increasing the number and participation of graduate students from underrepresented groups? Then please join us for a free webinar from ACS Education, "How to Become an ACS Bridge Site or Partnership Department," on Thursday, June 18, 3:00-4:00 PM ET. Webinar participants will learn

how their departments can receive access to an ACS database of students from underrepresented groups who aspire to enter doctoral programs in the chemical sciences (chemistry or chemical engineering). The webinar will also discuss ACS funding (for selected master's or doctoral-granting institutions) to build programs that prepare students to apply and be accepted into doctoral programs in the chemical sciences. Register for the webinar [here](#).

### Establish a Charitable Gift Annuity before July 1 and Lock in a Higher Rate of Return

If you are 65 or older, establishing a [charitable gift annuity \(CGA\)](#) is a great way to support the nonprofit mission of the ACS while receiving a fixed income for life. Under a CGA, you donate cash, marketable securities, or other assets, and in turn ACS provides you with stable payments for as long as you live, while you also receive numerous tax benefits. If you establish a CGA by July 1, you can benefit from a higher rate of return. For personalized CGA [information](#), including an estimate of your income tax charitable deduction and ACS' payments to you for life, contact Mary Bet Dobson, CAP<sup>®</sup> at [PlannedGifts@acs.org](mailto:PlannedGifts@acs.org) or (202) 872-4094.



### Apply Today for Global Innovation Imperatives Funding



The [ACS Global Innovation Imperatives \(Gii\)](#) 2020 program is now accepting applications through July 15. The Gii program provides funding to an ACS group to hold a multi-day research event to contribute to the resolution of global sustainability issues.

Up to \$20,000 USD in funding is available for projects completed in 2020. Due to COVID-19, all program activities must be virtual and/or comply with local pandemic regulations. For more information, visit [acs.org/gii](https://acs.org/gii) or email us at [intlacts@acs.org](mailto:intlacts@acs.org).

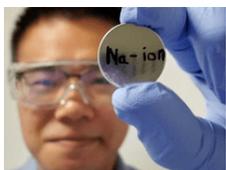
### A New Work-Life Benefit to Help Cope with Today's Challenges

In these times of increased stress and challenges brought on by the COVID-19 pandemic, having someone who listens, is objective, and concerned may be just the help you need. ACS is pleased to offer members in the U.S. a new benefit: The [Inova Employee Assistance Plan \(EAP\)](#). Trained counselors and licensed professionals can advise you on a wide range of issues – emotional, relationship or family difficulties, major life or health changes, educational, or health and wellness resources. Inova EAP services are private and confidential.



ACS and [Inova EAP Services](#) are here for you during these challenging times. To learn more about this benefit, please visit our [Personal Benefits](#) page. You will need your ACS Web ID to log in and access these services.

### ACS in the News: [Yahoo! News](#)



"Scientists Just Built the Best Sodium Battery Ever" ([Yahoo! News](#), June 3, 2020)

"In their [new paper](#) in American Chemical Society's journal *ACS Energy Letters*, the scientists write, 'Here, we develop a high-performance cathode for SIBs toward practical applications by suppressing the formation of a rock salt layer at the cathode surface with an advanced electrolyte.'" (*Image credit: WSU/PNNL*)

### Special SUV Savings for ACS Members End on June 30!

ACS Members, enjoy [special savings](#) on your next sport utility vehicle (SUV) rental from Budget! From now until June 30, SUV rental rates are as low as \$37 per weekend day, \$229 weekly, or \$999 for an entire month.



Go to the special [ACS Budget page](#) to see all the great SUV options being offered, or call 1-800-455-2848 and mention discount code V118009 along with coupon code MUWZ195. Budget is dedicated to keeping you safe by thoroughly cleaning and disinfecting each vehicle prior to every rental with products that are EPA-proven to be effective against COVID-19 and other novel pathogens. [Rent with confidence, rent with Budget!](#)

### C&EN - This Week's Headlines

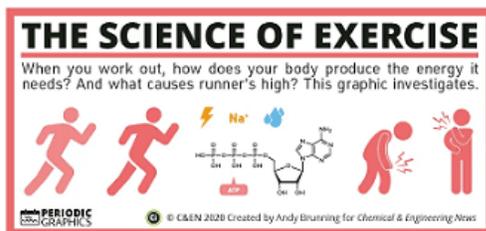


- [C&EN, Table of Contents, June 15 issue](#)
- [The race to preserve Earth's historical climate record—its ice](#)
- [Convalescent plasma data trickle out from COVID-19 studies, but scientists wonder if will come too late](#)
- [Trying to make green hydrogen work in Europe](#)
- [Rhamnolipids rise as a green surfactant](#)
- [Geologist studies cast-off clamshells to understand how they create a snapshot of the past](#)
- [Hydroxychloroquine trials in turmoil](#)
- [How to support and promote Black chemists](#)
- [Science's latest mash-ups: pollen-powered muscles, batteries built with salmon sperm, and a golden tongue](#)
- [Essay criticizing efforts to increase diversity in organic synthesis deleted after backlash from chemists](#)
- [Freshman chemistry is an exit point for many underrepresented STEM students, study shows](#)
- [Genetic study suggests that people's blood type may affect their COVID-19 risk](#)
- [Three neuroscience start-ups raise funds for small molecules that regenerate or protect brain tissue](#)

## PHUN & GAMES

---

[Working Out How Your Workouts Work, Chemically Speaking](#)



Are you one of the multitudes who have been alleviating the boredom of the pandemic lockdown by getting out and exercising? As you are huffing and puffing, you may have questions:

How does the body produce the energy it needs? Is there any science behind the legendary 'runner's high'? And what causes the aches and pains afterwards? In [the most recent Periodic Graphics feature in C&EN](#), chemical educator and Compound Interest blogger Andy Brunning explores [the chemicals at work when we work out](#). Something to ponder next time we're out for a slog, er, jog!

Click [here](#) to see the full infographic in C&EN.

*Image credit: Andy Brunning/Compound Interest*

American Chemical Society | 1155 Sixteenth Street, NW | Washington, DC 20036  
Copyright © 2020 [American Chemical Society](#). All rights reserved.

You are receiving this newsletter because you are an ACS member or you have subscribed to it. To ensure that you continue to receive our emails, please add us to your address book or safe list.

[Unsubscribe from ACS Matters](#) | [Manage preferences](#) | [Privacy Policy](#)