

ACS MATTERS

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



[Update Profile](#)

[Join](#)

[Renew](#)

[Archive](#)

Get involved in the U.S. National Chemistry Olympiad! | **January 7, 2020**

FEATURE

2020 National Meetings Deadlines

Early registration ends January 8 for the [Spring 2020 National Meeting & Exposition](#) in Philadelphia, PA. ACS Members can save up to \$400 for meeting registration. All attendees – including presenters – must register, so be sure to take advantage of this savings opportunity!



ACS has negotiated special rates with a wide selection of hotels located near the Pennsylvania Convention Center. All attendees who book their sleeping room through ConferenceDirect will receive discounted rates, complimentary shuttle buses and complimentary internet access in their sleeping room.

Register, renew your membership, and book your housing [all in one place!](#) Visit the dedicated ACS meeting website for rates and category information. [Book today!](#)

Looking ahead, ACS is now accepting abstracts for oral and poster presentations for the [Fall 2020 National Meeting & Exposition](#) in San Francisco, CA. For more information on the programming divisions and to submit today, visit the meeting [website](#). Abstracts will be accepted until April 6, 2020 for all divisions. [Submit your abstract today!](#)

MY ELEMENT



Today's favorite element story features [copper](#), as submitted by Priya Ranjan Sahoo: "Copper is known as 'man's eternal metal' and is 100% recyclable. I remember finding beautiful crystals of Cu-complex when I mixed copper solution into our synthesized sensor for the first time..." [read more](#)

What's your favorite element? [Share your story today!](#)

ADVANCE YOURSELF & YOUR SCIENCE

ACS Shanghai Medicinal Chemistry Conference – Register Today!

ACS is excited to invite you to the [2nd ACS Shanghai Medicinal Chemistry Conference](#), taking place on April 24–25, 2020, in Shanghai, China. This two-day program will bring together chemistry professionals from around the globe to hear about emerging techniques and applications in medicinal chemistry, drug discovery, and chemical biology. Attendees are encouraged to submit abstracts before April 1 to czheng@acs-i.org. Poster prizes will be awarded as part of the conference.



[Register today!](#) Conference registration includes a one-year ACS membership. [Register](#) by March 14 to take advantage of the Early Bird rate.

Submit an Abstract to the Green Chemistry & Engineering Conference



The ACS Green Chemistry Institute invites you to submit an abstract to the [24th Annual Green Chemistry & Engineering Conference](#), to be held June 16-18, 2020, in downtown Seattle, WA. The conference will feature three days of programming, more than 40 technical sessions, and numerous networking opportunities for the over 600 green chemists and engineers who are expected to attend from around the world. This year's conference symposia revolve around the theme of "Systems-Inspired Design,"

driving the sustainable chemical life cycle. Take a moment to [browse the symposia and submit an abstract](#) by February 17.

First Free Events of the Year from ACS Webinars

How the Evolution of Science Transformed the Art of Cooking

Thursday, January 16, 2:00-3:00 PM ET

Did you know that cooking food might have started as long as 2 million years ago resulting in a profound influence on the evolution of early humans? Join Certified Food Scientist [Guy Crosby](#) of Milk Street Kitchen as he discusses his new book during this [free, interactive broadcast](#) to discover how cooking has become the perfect embodiment of art and science.



Meaningful and Concise Safety Summaries for ACS Publications

Thursday, January 23, 2:00-3:00 PM ET

Safe research is good research. Therefore, ACS Publications has enacted a new requirement specifying that authors address safety concerns in work submitted for publication in all ACS journals. Join a panel of experts during this [free, interactive broadcast](#) to learn how to develop meaningful and concise safety summaries for manuscripts based on risk assessment.



The Secret Lives of Snowflakes

Thursday, January 30, 2:00-3:00 PM ET

Our understanding of the molecular dynamics of growing crystals is quite primitive, and it is generally not possible to explain why even simple crystals develop their characteristic shapes. A case in point is the snow crystal, which grows into a puzzling variety of unusual morphologies under different conditions. Join [Kenneth Libbrecht](#), Professor of Physics at Caltech, during this [free, interactive broadcast](#) as he examines how the ice surface structure changes with temperature, how this affects ice crystal growth dynamics, and much more.



ACS CAREER NAVIGATOR

ChemIDP™, A Career Planning Tool for You!



It can be overwhelming to navigate all the career options out there. With ACS's [ChemIDP™](#), graduate students and postdoctoral scholars have a tool to organize and clarify their career planning. Whether you're just starting out or are already working, ChemIDP™ is the perfect tool to help you no matter where you are professionally. Get started today by

accessing [ACS tools and resources](#) to help enhance your future!

2020 Professional Education Preview

The new year brings new professional development opportunities, and ACS is here to support you every step of the way. Check out our upcoming [2020 Professional Education courses](#) to help you learn new skills and advance your career:



- [Laboratory Safety](#) – January 23-24, Atlanta, GA
- [Pharmacokinetics for Chemists in Drug Discovery and Development](#) – February 4-March 10, Online Live
- [1-D and 2-D NMR Spectroscopy: Structure Determination of Small Molecule Organic Compounds](#) – March 20-21, Philadelphia, PA

[Browse more upcoming courses](#) and find out how ACS Professional Education is your partner in refining your chemistry skillset and knowledge base.

C&EN Jobs - Latest Postings

c&en JOBS

- [Program Manager, Approval Program | American Chemical Society | Washington, DC](#)
- [President and CEO | Science History Institute | Philadelphia, PA](#)
- [Assistant Professor of Inorganic Chemistry | University of La Verne | La Verne, CA](#)
- [Assistant Professor of Organic Chemistry | University of La Verne | La Verne, CA](#)

ACS NEWS

Nominate Your Section, Division, or Chapter for a ChemLuminary Award!

ACS's annual [ChemLuminary Awards](#) honor outstanding programming, outreach, and operations from ACS local sections, technical divisions, and international science chapters. Awards include Best Activity or Program Highlighting ACS Change Driver(s) or Strategic Planning, the MAC Industry Engagement & Outreach Award, and many more.



Officers may submit ChemLuminary Award nominations through FORMS as part of their ACS Annual Reports, due February 15, 2020. ChemLuminary Awards honoring successful 2019 activities will be presented at the ACS 2020 Fall National Meeting in San Francisco, CA. Please contact your ACS local section, technical division, or international science chapter officers to

suggest activities for ChemLuminary Award nomination.

Visit the [ChemLuminary Awards homepage](#) for the full list of awards and nomination guidelines.

Apply Now for Scholarships Through the ACS Scholars Program



The [ACS Scholars Program](#) is offering renewable scholarships of \$1,000 to \$5,000 per year for African American, Hispanic/Latinx, and Native American students majoring in chemistry-related fields and pursuing chemistry-related careers. The program also pairs students with academic and/or professional mentors. Scholarship applications will be accepted online at the ACS Scholars Program website www.acs.org/scholars

through March 1, 2020, for the academic year 2020-21. Additional information is available by calling 1-800-227-5558, extension 6250, or by emailing scholars@acs.org.

ACS Sponsoring Grad Students to Attend Science Advocacy Workshop

ACS is [sponsoring four graduate students](#) to participate in the [2020 Catalyzing Advocacy in Science and Engineering \(CASE\) Workshop](#), to be held March 29–April 1, in Washington, DC, hosted by the American Association for the Advancement of Science (AAAS). Applications are due by 11:59 PM ET on Friday, January 17. For more information on eligibility and the application process, visit ACS' [Advocacy website](#).



Showcase Your Best Demos at the Spring 2020 ACS National Meeting



Share demonstrations and hands-on activities for K-12 students with your student chapter in the [ChemDemo Exchange](#) at the ACS Spring 2020 National Meeting & Exposition in Philadelphia. Using household chemicals, students share ways to explain everything from chemical equilibrium, reactions, and more. [Check out what chapters have done in the past and learn how your chapter can participate.](#) Applications are being accepted through January 17, 2020.

Great Member Savings on FedEx® Shipping Services

The [ACS Member Shipping Program](#) helps you save on shipping for every FedEx® shipment you send and receive. Managed by [PartnerShip](#), this free program provides U.S.-based ACS Members with significant savings on their shipping needs, from small packages up to large freight. There are no minimum usage requirements or obligations, just [great savings](#) included with your ACS membership!



C&EN - This Week's Headlines

- [C&EN, Table of Contents, January 6 issue](#)
- [Luis Echegoyen on his love affair with chemistry](#)
- [Carbon is C&EN's Company of the Year for 2019](#)
- [Flu shots aren't always effective. Could chicken eggs be a culprit?](#)
- [So you want to make a personalized drug? This company has got your back](#)
- [Mentoring for excellence at NOBCCHE](#)
- [Career Ladder: Dionne Hernández-Lugo](#)



- DuPont's nutrition business will merge with IFF
- Synthetic frogs, and dancers teach science
- MOFs neutralize nerve agents without needing liquid water
- Podcast: How do you solve a problem like the ozone hole?
- Are invading earthworms spurring global warming?
- Antibiotics maker Melinta declares bankruptcy
- Changing diets have worsened China's air quality
- Triplet Therapeutics launches with \$59 million to develop antisense therapies for Huntington's and more

PHUN & GAMES

"The Elements Song," Updated Again for the International Year of the Periodic Table!



Before signing off for good, the estimable [Chemistry Advocates](#) account on Facebook was kind enough to point us toward a report from the *Daily Mail* in the UK, advising us that, yet again, "Scientists have recorded an updated version of Tom Lehrer's 'The Elements' song including newly-discovered elements to mark 150th anniversary of the periodic table." This time around, according to the newspaper, "tech firm Digital Science recruited 118 scientists [*and at least one very patient cat*] to sing the updated vocals of the [*classic*] song," with pretty cute results.

Tip of the hat to whoever was behind the [Chemistry Advocates](#) account for all the great chemistry nerdery over the years - it was fun!

American Chemical Society
1155 Sixteenth Street, NW | Washington, DC 20036
Copyright © 2019 [American Chemical Society](#) All rights reserved.

You are receiving this email because you opted-in to receive it or due to your relationship with ACS. To ensure that you continue to receive our emails, please add us to your address book or safe list.

[Email Subscription Management](#) | [Unsubscribe from ACS Matters](#)
[Privacy Policy](#)