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New open-access journal, JACS Au, from ACS Publications | **March 31, 2020**

FEATURE

Now Available: Online Platform for ACS Spring 2020 National Meeting Presentations

In an effort to support the scientific community and researchers, ACS Publications in collaboration with other ACS divisions have launched [SciMeetings](#), an open-access virtual platform that will allow attendees whose abstracts were accepted for the now-cancelled ACS Spring 2020 National Meeting & Exposition in Philadelphia to share their posters and presentations virtually.

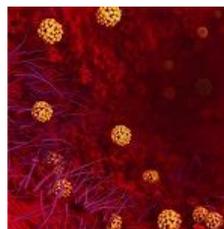


This open-access platform will expand the reach and impact of early-stage research and globalize professional networking through its online poster and presentation publication service. Visit [SciMeetings](#) today to view the latest research that has been uploaded to the site.

If you are a presenter whose abstract was accepted to the ACS Spring 2020 National Meeting & Exposition, and you are interested in submitting your research to SciMeetings, [visit us online](#) for more information, and [submit your research](#) by April 30.

COVID-19 RESOURCES & INFORMATION

*As a leading scientific society and publisher of scientific research and information, ACS is committed to helping combat the global COVID-19 pandemic. Toward that end, ACS has created this **resource center** for our members, researchers, policymakers, educators, students, media, and the general public. Please feel free to share these resources as you see fit.*



Understanding Coronavirus

[Coronavirus: Survival and Behavior in the Environment](#)

This free-to-read virtual issue from *Environmental Science & Technology* and *Environmental Science & Technology Letters* provides insight into the current state of knowledge on the persistence and behavior of enveloped viruses - such as COVID-19 - in the environment. [Access all articles in the virtual issue.](#)

[Everything We Know About the COVID-19 Coronavirus](#)

A collection of articles on coronavirus from *Chemical & Engineering News* (C&EN), including these articles from this week's issue:

- [Coronavirus puts spotlight on chloroquine, but many questions remain](#)
- [Protein mapping finds 69 potential treatments for COVID-19](#)
- [Crystal structures of the novel coronavirus's main protease guide drug development](#)
- [Shortage of RNA extraction kits hampers efforts to ramp up COVID-19 testing](#)

[Can Soap REALLY "Kill" the Coronavirus?](#)

A special *ACS Reactions* video explaining how soap and water can be the leading weapon in killing the coronavirus.

Scientific Research on COVID-19

[Research and Development on Therapeutic Agents and Vaccines for COVID-19 and Related Human Coronavirus Diseases](#)

A special report produced by CAS, a division of ACS, that provides an overview of published COVID-19 scientific information, highlighting antiviral strategies involved in coronavirus infection and replication. Available in the Society's open-access journal, *ACS Central Science*.

[Chemistry in Coronavirus Research](#)

Coronavirus research published across the more than 60 peer-reviewed ACS journals, compiled in a free-to-read virtual issue.

[PubMed & WHO](#)

ACS has joined other publishers in making all COVID-19 related research published in ACS journals freely and immediately available in the National Institutes of Health PubMed and World Health Organization (WHO) databases.

Visit the ACS website for [more links to resources and trustworthy scientific information](#) about COVID-19 and coronavirus.

ADVANCE & LEARN WITH ACS

Even though a lot of us are working from home and practicing social distancing, that doesn't mean the chemistry community can't stay connected and informed. Have a look at the online knowledge resources below that ACS has available for you...



AACT Resources Unlocked - Now Through April 17

In response to the growing need to teach chemistry remotely, [selected resources](#) from the American Association of Chemistry Teachers (AACT) are unlocked and [freely available](#) to the chemistry community - **the availability has now been extended through April 17**. These resources include activities, animations, projects, simulations, videos, and more for middle school, high school, and



Advanced Placement/general chemistry. Teachers can also view [take-home labs](#) and [K-8 activities](#) to keep students engaged while at home. A [complete list of unlocked resources](#) is available on the AACT website.

Free Webinar on April 2: Helping to Improve Global Health

Across the globe, millions of people are at an increased risk of illness or death due to poor quality control for medicine. A strong set of standards and guidelines is needed to ensure their consistent quality. The next free online event from ACS Webinars, "How You Can Improve



Global Public Health" (Thursday, April 2, 2:00-3:00 PM ET) focuses on this issue. During this [free, interactive broadcast](#), current Expert Volunteer [Kim Huynh-Ba](#) as well as staff [Amjad Anwari](#) and [Nicole Palmer](#) of U.S. Pharmacopeia will share their experiences and detail the opportunities it has provided them to contribute to innovation in healthcare while supporting safe medications and advancing their own professional development.

Webinar on Writing Grant Proposals and Funding Opportunities for PUIs



The ACS Office of Research Grants and the Council for Undergraduate Research invite you to participate in "Writing Grant Proposals and PRF Funding Opportunities for PUIs," a webinar taking place on Tuesday, April 28, at 2:00 PM ET. This webinar will cover basic grant writing tips, the proposal evaluation process, and PRF funding

opportunities directed specifically to primarily undergraduate institutions. The webinar is recommended both for professors who are seeking research program funding and for institution grant officers. Get more information and [register online today!](#)

ACS Virtual Classrooms Are Ready to Help You Land Your Next Job

Register for complimentary online [Virtual Classrooms](#), where you'll learn live from skilled experts, helping you achieve your career goals and get the boost you need to succeed in your career.



Making the Most of Your Interview: Outshine the Competition (April 15, 12:00-2:00 PM ET)

Participate in critical practice interview scenarios that teach you how to anticipate and handle difficult questions while developing thoughtful, robust responses that leave a lasting impression with hiring staff. [Learn more.](#)

Setting Yourself Up for Success in an Interview (April 29, 12:00-2:00 PM ET)

Learn how to successfully navigate the stages of the interview process and identify critical performance factors from job announcement media. This course will also teach you how to relate your experience and values to the organizational values and job requirements of potential employers. [Learn more.](#)

Visit the [ACS Virtual Classrooms](#) home page for the full schedule and links to all upcoming events.

Next AGRO Lunch & Learn Webinar: Natural Products for Pest Management and Plant Health



The next event in the AGRO Lunch & Learn Webinar Series is "[History, Status, and Future Potential of Natural Products for Pest Management and Plant Health](#)," on April 15, 12:00-1:00 PM ET. The presenter will be Dr. Pamela G. Marrone, CEO and founder of Marrone Bio Innovations (MBI) and winner of the 2019 AGRO Award for Innovation in Chemistry of Agriculture. Marrone started MBI in 2006 to discover and develop bio-based products for pest management and plant health. The company's award-winning products are used in fruit, nut, vegetable, and row crop markets. MBI is also marketing Zequanox® for invasive zebra and quagga mussels. MBI has several more products in the pipeline, including a biofumigant and three bioherbicides. [Register online today!](#)

ACS CAREER NAVIGATOR

Industry Matters: COVID-19 Special Report

With the onset of the COVID-19 pandemic, *ACS Industry Matters* surveyed executives in several industries to find out [what they have learned so far](#) about moving their businesses forward in the face of such an overwhelming, complex, and dynamic challenge. As Alexa Dembek, DuPont's Chief Technology and Sustainability Officer, put it, "We have not faced a crisis as multifaceted as COVID-19 in generations." [Read the COVID-19 Special Report](#) for perspectives from Alexa Dembek and other leaders in pharma, consumer products, petrochemicals, biotech, and more.



Adapted from a special report in the *ACS Industry Matters* newsletter. To subscribe, click [here](#).

Workshop: Postdoc to Faculty



Are you a postdoctoral fellow interested in a faculty position in the chemical sciences at a college or university? [This workshop](#) can help you prepare for a rewarding career! Gain insight into the types of positions and expectations within a variety of U.S. higher education institutions. Receive advice on applying for faculty positions, strategies for balancing teaching, service expectations, and more.

If an in-person workshop is not an option due to the evolving situation with COVID-19, a virtual workshop will be offered instead. [Apply today!](#)

C&EN Jobs - Latest Postings

c&en JOBS

- [Renewable Lecturer or Assistant Professor of Organic Chemistry | Brandeis University | Waltham, MA](#)
- [Assistant Professor of Chemistry | Southern Oregon University | Ashland, OR](#)
- [Lab Scientist - Separation Scientist \(515963\) | Aramco Americas | Boston, MA](#)
- [Lab Scientist \(559575\) | Aramco Americas | Boston, MA](#)

ACS NEWS

Celebrate Digital Earth Day with New Resources for CCEW – April 19-25



Chemists Celebrate Earth Week (CCEW) is a public awareness campaign during which ACS members, AACT members, and other chemistry enthusiasts coordinate events and communicate the importance of chemistry for maintaining a healthy environment. CCEW will take place during the week of Earth Day, April 19-25, with the theme "Protecting Our Planet through Chemistry." Due to COVID-19, the campaign has gone fully digital with instructions for planning virtual events and an updated suite of educational resources.

Learn how to plan [Virtual Demo Events](#) and [Digital Illustrated Poem Contests](#) for K-12 audiences, and [Virtual Teach-Ins](#) for higher education and adult audiences. Amplify the campaign on social media using the hashtags #CCEW, #EarthDay2020, and #chemistry. Help show collective action by adding your virtual events to Facebook and submitting your photos, videos, and screenshots to the [CCEW 2020 Photo Album](#).

If you don't have time to plan events, you can still utilize and share these digital educational resources with teachers in need:

- [Celebrating Chemistry Coloring Book](#) (grades K-2)
- [Endangered Elements Color by Numbers \(PDF\)](#) (grades 3-6)
- [ChemCatcher \(PDF\)](#) (grades 9-12, undergraduate)
- [Earth Day 50th Anniversary Timeline \(PDF\)](#) (grades 9-12, undergraduate)
- [and more educational resources, organized by age group!](#)

Contact your local CCEW Coordinator to see what opportunities exist in your area. Visit the CCEW website at www.acs.org/ccew or contact outreach@acs.org for more information.

Deadline is April 1 for WCC Overcoming Challenges Award

Are you a female undergraduate student who has overcome challenges while studying and has defeated the odds? [Tell us your story](#) and you could be selected to attend the ACS Fall 2020 National Meeting & Exposition, where you would be honored at the ACS Women Chemists Committee (WCC) luncheon and presented with a plaque and \$250 award. The award also covers travel expenses of up to \$1,000 to the meeting. For more information and to apply, please visit the [WCC Overcoming Challenges Award](#) home page. The deadline for applications is April 1.



#PeriodicPlayoff: It's STILL the Last Four!



The results for the last four elements in the 2020 #PeriodicPlayoff were too close to call at noon today, so we thought we'd give voters some more time to get their selections in. [Cast your vote](#) for silver, carbon, oxygen, or hydrogen as the final elements standing in the 2020 #Periodic Playoff. Voting will end for this round at 12:00 noon ET tomorrow, Wednesday, April 1, where the final two will slug it out for the 2020 crown, and the winner will be announced on Tuesday, April 7!

EPA Seeks Members for Toxic Substances Advisory Committee on Chemicals

The U.S. Environmental Protection Agency (EPA) is accepting [nominations for the Toxic Substance Control Act \(TSCA\), Science Advisory Committee on Chemicals \(SACC\)](#), which provides independent advice and recommendations to the EPA Administrator on the scientific basis for risk

assessment, methodologies, and approaches relating to implementation of TSCA. Candidates should have demonstrated high levels of competence, knowledge, and expertise in scientific/technical fields relevant to chemical safety and risk assessment. The deadline for nominations is April 20, 2020. For more information, read the [request for nominations](#) in the *Federal Register*.



ACS in the News: *Mental Floss*



"How Hand Sanitizer Works (And Why It Isn't a Substitute for Soap)" (from *Mental Floss*, March 13, 2020)

"You likely know it's mostly alcohol. So why doesn't hand sanitizer look, smell, and feel like the stuff doctors use to clean their tools?

(Or for that matter, the kind we drink?) The difference is in the details, as the American Chemical Society's *Reactions* video explains below."

Rates as Low as \$37 for Your Next Budget SUV Rental!

Available until June 30, 2020, Budget is offering [special savings](#) on your next sport utility vehicle (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. [You'll go farther with Budget!](#)



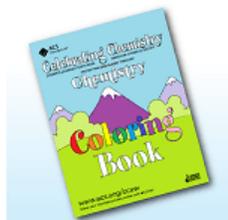
C&EN - This Week's Headlines

- [C&EN, Table of Contents, March 30 issue](#)
- [As nuclear waste piles up, scientists seek the best long-term storage solutions](#)
- [Tips for teaching in the time of coronavirus](#)
- [What is hand sanitizer, and does it keep your hands germ-free?](#)
- [Wanted: Data to make labs safer](#)
- [Lego bricks for cutting-edge physics and for chemistry education](#)
- [Chemical firms say they want to keep going](#)
- [China's contract research firms rebound after coronavirus](#)
- [Vaping exposes users to more toxic metals than smoking cigarettes](#)
- [U.S. government allows grant funding flexibility during coronavirus outbreak](#)

The logo for C&EN (Chemical & Engineering News) in a bold, red, sans-serif font.

PHUN & GAMES

Print, Color, and Share the CCEW 2020 *Celebrating Chemistry* Coloring Book!



Looking for a fun way to pass the time? Download the [Celebrating Chemistry Coloring Book](#), which features selected artwork from the recent edition of ACS's children's publication, *Celebrating Chemistry*. Share your finished pictures online with the hashtag #CCEW!

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