



ACS MATTERS

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



[Update Profile](#)

[Join](#)

[Renew](#)

[Archive](#)

[Online live courses from ACS Professional Education](#)

April 7, 2020

FEATURE

Apply Now for Programs Supporting High School Chemistry Educators

The ACS-Hach Programs provide financial support for future and current high school chemistry teachers. Through these grants and scholarships, ACS carries on the work of the Hach Scientific Foundation Endowment, encouraging the development of high school chemistry teachers and improving the teaching and learning of chemistry in their classrooms.



ACS-Hach Post-Baccalaureate Teacher Scholarship - provides financial support (up to \$6,000 for full-time study, up to \$3,000 for part-time study) for chemistry graduates with limited work experience to obtain a master's degree in education or teacher certification in chemistry. *Apply by May 1.*

ACS-Hach Second Career Teacher Scholarship - provides financial support (up to \$6,000 for full-time study, up to \$3,000 for part-time study) for chemistry professionals to obtain a master's degree in education or teacher certification in chemistry. *Apply by May 1.*

ACS-Hach High School Chemistry Classroom Grant - grants of up to \$1,500 for high school chemistry teachers to use to cover basic classroom or laboratory needs, fund professional development experiences, or support innovative ideas in chemistry education. *Apply by June 1.*

Visit the [Funding Opportunities](#) page on the ACS website for links to these and many other programs to support chemistry research and education at all levels.

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 share these resources!

Understanding Coronavirus

Research and Development on
Therapeutic Agents and Vaccines for
COVID-19 and Related Human
Coronavirus Diseases



This overview of published information on global research and development of coronavirus-related therapeutic agents and preventive vaccines is based on the extensive CAS content collection, with a focus on patents. Published by ACS Central Science, The report is open access.

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:

- [What can initial remdesivir data tell us about tackling COVID-19?](#)
- [Meet Sheng Ding, who is tackling COVID-19 as director of China's Global Health Drug Discovery Institute](#)
- [Coronavirus starts to weigh on industry](#)
- [U.S. stimulus bill includes funding for coronavirus research](#)

Coronavirus Vaccine: Where Are We and What's Next? (VIDEO)

You might have heard that COVID-19 vaccine trials are underway in Seattle. What exactly is being tested? How much longer will these tests take? And when can we expect a vaccine against the novel coronavirus? The latest *Reactions* video gets answers to these questions from Benjamin Neuman, Ph.D., one of the world's experts on coronavirus, and Daniel Wrapp, one of the scientists who mapped the structure of the protein that the coronavirus uses to infect your cells.

Scientific Research on COVID-19

Chemistry in Coronavirus Research

Coronavirus research published across the more than 60 peer-reviewed ACS journals, compiled in a free-to-read virtual issue. Preprint coronavirus research is also available on [ChemRxiv](#).

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.](#)

PubMed & WHO

ACS 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...

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

ACS has 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.



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. Visit [SciMeetings](#) today to view the latest research that has been uploaded to the site.

ACS Publications Enhances Remote Access for Researchers

In response to the global outbreak of COVID-19, ACS Publications is expanding its [remote access capabilities](#) to ensure you can effectively access research while working and studying remotely.



In this uncertain time, it is more important than ever that you have options to easily access ACS Publications journals, books, and various products and services from the safety of your home. Please visit this [resource page](#) to stay up to date on the range of ACS Publications remote access options available to 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 9: Catalyze Your Career with Patents

How can [patents catalyze your career](#)? In education, patents show and describe state of the art. In academia, patents showcase your thought leadership. In business, patents protect your research investment.



On Thursday, April 9, 2:00-3:00 PM ET, join [Christopher Turoski](#), Director of Patent Law Programs & Law Professor at the University of Minnesota Law School, and moderator [Natalia Martin](#) of ACS for this [free, interactive broadcast](#) as they discuss how the knowledge of patents can help you distinguish your work beyond the bench and opens doors for career advancement.

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.

ACS CAREER NAVIGATOR

COVID-19 Update from Senior Pharma Executives: Karin Briner, Vice President and Head, Global Discovery Chemistry, Novartis (NIBR)

What are some of the important ways in which the global pharmaceutical industry is coordinating to assist in mitigating the impact of COVID-19?

"In the face of the global crisis, pharmaceutical companies have come together with partners across industry and academia to..." [read more](#)



Spotlight on Early Career Chemist: Manibarsha Goswami, Research Investigator, DuPont

Meet the materials chemist facilitating the production of novel logic- and memory-chips

Manibarsha Goswami always knew she was destined for a STEM career. Her dad was an electrical engineer at the... [read more](#)



Adapted from the April 2, 2020 weekly edition of *ACS Industry Matters*. 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

- Chemistry Learning Specialist | Center for Academic Excellence, United States Naval Academy | Annapolis, MD
- Lecturer, Department of Chemistry and Biochemistry | California State University, Bakersfield | Bakersfield, CA
- Junior Group Leader Position in Organic Synthesis | Czech Academy of Sciences (IOCB Prague) | Prague, Czech Republic
- Visiting Assistant Professor of Chemistry (Biochemistry) | Kalamazoo College | Kalamazoo, MI

Get your home office essentials at the **click of a button!**

[LEARN MORE](#)

Office DEPOT OfficeMax

ACS NEWS

From *inChemistry*: COVID-19 & You, plus Transitioning to Online Classes

The latest issue of *inChemistry*, the magazine for ACS Student Members, features two timely articles aimed at undergraduates and suitable for anyone else coping with the new reality of working online during the COVID-19 outbreak.



- [How To Succeed in Online Classes During the COVID-19 Pandemic](#) - COVID-19 is a monster situation, but you can still take control of your learning. Here are 6 things you can do to manage the sudden switch to online classes.
- [COVID-19 and You](#) - Understand how COVID-19 became a pandemic and what you can do to help your community.

Deadline Extended to April 15 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 has been extended to April 15.

#PeriodicPlayoff: Carbon is the Victor!

And it's the king of organic chemistry, **carbon**, that has emerged victorious out of the original field of 64 elements. Carbon defeated oxygen and earned the title of **champion in the 2020 #PeriodicPlayoff**. Thanks to everyone who participated in this year's brackets—we look forward to doing it again next year!



Keep Connected with Virtual Grad Student Organizations

Do you miss the camaraderie of lab and graduate school with your friends? While you're home, consider connecting with them virtually and taking the first steps to create an [ACS-Graduate Student Organization \(GSO\)](#).



ACS-GSOs are communities for graduate students who are interested in networking, outreach, career preparation, and professional development within an ACS connected community. If you are a part of an existing GSO within your department or a graduate student interested in starting an ACS-GSO, you can [learn more here](#).

ACS in the News: *Wired*

"The Heady, Intricate Beauty of Watching Whiskey Evaporate" (from *Wired*, March 26, 2020)



"I believe it is possible to identify counterfeits, but a lot of work needs to be done between now and then," says University of Louisville mechanical engineer Stuart Williams, coauthor on the [paper](#) in the journal *ACS Nano*. They for instance need to amass a library of images to evaluate against. "We have also observed that environmental factors—temperature, humidity—impact results, which is why we need to produce a standardized testing procedure and evaluate human error with this test."

Remote Work and School Solutions from Lenovo

Does working and learning from home seem impossible? [Lenovo is here to help](#) you stay focused and productive when you're away from your physical workplace or school—save up to 46% on everything you need for distance learning and/or working from home.



The exceptional customer service and hassle-free buying experience you'll get from Lenovo make it easy to acquire or upgrade the technology products you use every day. As an added benefit, you can sign up for MyLenovo Rewards to earn credits toward future purchases. Be sure to check the [ACS Member Savings Program](#) page often for the latest discounted offers, or call 1-800-426-7235, ext. 3881 (Monday-Friday, 9:00 AM-9:00 PM ET; Saturday, 9:00 AM-6:00 PM ET).

C&EN - This Week's Headlines

c&en

- [C&EN, Table of Contents, April 6 issue](#)
- [Exploring chemical space: Can AI take us where no human has gone before?](#)
- [Chemistry faculty cope with coronavirus shutdowns](#)
- [Grad students tell of the coronavirus's impact](#)
- [Jen Heemstra on building your resilience](#)
- [Chemistry spotted on more belt buckles and model trains, and fashion-forward work boots](#)
- [Video: Chemistry turns backyard clay into a 3-D printable building material](#)
- [With COVID-19 mostly behind it, China's chemical industry struggles to rev up](#)
- [COVID-19 to delay clinical trials](#)
- [Ceramic lattices that are stronger than diamond](#)

PHUN & GAMES

Cool Chemistry-Inspired Backgrounds for Your Zoom Conferences

With the spectacular rise (or should we say "zoom") of videoconferencing as we all work from home during the current crisis, the ever-reliable folks at C&EN were kind enough to set up a page of [Chemistry-Inspired Zoom Backgrounds](#), drawn from the long-running "Chemistry in Pictures" feature in the magazine.



Check out a dozen excellent examples, which might spark your imagination for other scientific scenery for your virtual background. Hang in there and have some fun when you can, everybody!

Image credit: [Brian Wagner](#)

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](#)