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June 30, 2020

FEATURE

ACS Science Coaches: 10 Years (and Counting) of Sharing Experience and Enthusiasm!

Started as a pilot program in 2010, [ACS Science Coaches](#) continue to support and enhance K–12 chemistry education. Have a look at a [recent C&EN article](#) on how the program began and how it continues to inspire coaches, teachers and students. Take advantage of this unique opportunity to partner with a teacher for a year, where you can:

- Provide advice on real-world applications of lessons, demos, or experiments
- Help develop and enhance lesson plans
- Mentor student research projects
- Promote inquiry-based learning
- Support classroom-based experiments
- Assist with chemical storeroom organization and safety
- And much more!



[Applications](#) are open through September 1 and you will be notified by October 1. Learn more on the [Science Coaches webpage](#).

REMOTE RESOURCES & LEARNING OPPORTUNITIES

Access 250+ Broadcast Sessions, Live Daily Kickoffs, and Over 5,000 Papers During #ACSFall2020



As you may have already heard, the [ACS Fall 2020 Virtual Meeting & Exposition](#) will be held entirely online, August 17–20, and you have the convenience of participating from the comfort of your own home:

- There will be more than **250 broadcast sessions**, live daily kickoffs, interactive poster presentations, and more. Gain access to cutting-edge research with **over 5,000 papers scheduled to be presented**.

- We're hosting **virtual networking events** to help you **connect and share ideas** with your peers from around the world. In addition to **robust chat and messaging** features, **video rooms** will be available throughout the meeting for **deep-dive conversations** and social events.
- The **ACS Expo** is going virtual too! Meet and interact with exhibitors, make connections, and discover new technological developments.

With so much content on demand, you don't have to miss a thing! Presentations will be available on demand anytime and anywhere around the world from August 17-28, 2020.

For more information, visit the [Virtual Meeting & Expo FAQs](#) page for ongoing updates. You can also stay in the loop by signing up to receive [National Meeting updates](#) by e-mail.

Free from ACS Webinars: Interviewing in the Era of COVID-19 and The Chemistry of Fireworks

Tune in to ACS Webinars tomorrow, Wednesday, July 1, for a [live, interactive refresher to ace each step of the interview process in the era of COVID-19](#), with Will Fuentes from the Maestro Group.



Then, on Thursday, July 2, and Friday, July 3, join Chris Mocella for [special rebroadcasts featuring different aspects of the chemistry behind fireworks](#).

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.

Watch Now: 2020 OTP Webinar, Part 2 - Event Planning and Fundraising



Participate in the [2020 Outreach Training Program](#) and watch the recording of the second week's webinar on event planning and fundraising, where you'll hear from Dr. Csaba Janáky, of the ACS Committee on International Activities and Associate Professor at the University of Szeged, Hungary, about essential materials and processes for planning an outreach event.

Don't miss next week's live webinar and Q&A about key strategies for recruiting, organizing, training, recognizing, and retaining your volunteers. [Enroll via the ACS Learning Center today!](#)

Webinar on Writing Successful Research Grant Proposals

You're invited to join "Grants Talk," a live web presentation by four professors from PUIs (primarily undergraduate institutions) who have been successful in obtaining research grants. Presenters will discuss the nature of their research and provide tips on achieving funding success.



This free webinar will be held on July 7, 3:00-4:15 PM ET; register online [here](#). The event is co-sponsored by ACS and the Council on Undergraduate Research (CUR).

AACT Virtual Summer Symposium



As part of its extensive offering of online learning opportunities for chemistry educators, the American Association of Chemistry Teachers (AACT) will host the [Virtual Summer Symposium](#), a series of free online workshops, open to all, on current subjects in chemistry education:

- [Simulations to Enhance Chemical Instruction](#), Tuesday, July 7, 1:00-5:00 PM ET
- [Teaching AP Chemistry Virtually](#), Tuesday, July 14, 12:00-4:00 PM ET
- [At-Home Activities and Resources for Teaching Chemistry Online](#), Thursday, July 16, 12:00 -3:45 PM ET
- [Supporting All Students in the Teaching and Learning of Chemistry](#), Wednesday, July 22, 12:00-1:50 PM ET
- [Integrating Green Chemistry and Sustainability into Chemistry Education](#), Tuesday, July 28, 12:00-2:45 PM ET
- [Chemistry Games](#), Thursday, July 30, 1:00-2:50 PM ET
- [Inventing Green through Education](#), Tuesday, August 4, 12:00-1:00 PM ET

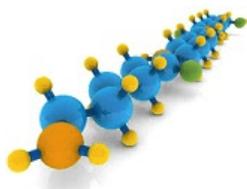
Visit the individual workshop pages for more details and registration links; separate registration is required for each workshop.

AACT offers webinars throughout the year on a variety of topics to help you reach your professional goals. Learn from education experts, experienced classroom teachers, and industry leaders. [Not an AACT member? Join today!](#)



ACS CAREER NAVIGATOR

Polymer Chemistry: Principles and Practice Lab Course



Get hands-on experience in polymer chemistry with the upcoming ACS ProEd lab course, "Polymer Chemistry: Principles and Practice." Join renowned faculty from Virginia Tech for a five-day virtual course, which includes informative lectures and an immersive lab experience. [Learn more.](#)

Working in Industry (Résumé Writing - Branding Yourself)

Learn how to create a robust résumé for industrial chemistry positions during our upcoming complimentary Virtual Classroom, "Working in Industry (Résumé Writing - Branding Yourself)," on July 15. [Register today!](#)



Boss Talk: Karen Carter, Chief Human Resources Officer, Chief Inclusion Officer, Dow Chemical Company



You are Dow's first Chief Inclusion Officer. Any newly-created position has plusses and minuses. What were they in this instance?

"Inclusion and diversity are not new at Dow; we have been working to create an..." [read more](#)

Adapted from the June 25, 2020 weekly edition of *ACS Industry Matters*. To subscribe, [click here](#).

[C&EN Jobs - Latest Postings](#)

c&en JOBS

- AAAS Science & Technology Policy Fellow | American Association for the Advancement of Science | Washington, DC
- Environmental Chemistry and Metabolism Scientist (211673W-01) | Pioneer Hi-Bred | Indianapolis, IN
- Senior Manager External Supply | Pfizer, Inc. | Groton, CT
- Supervisory Research Molecular Biologist/Microbiologist/Chemist - GS14/15 | USDA / ARS / NCAUR | Peoria, IL

ACS NEWS

Editorial: Confronting Racism in Chemistry Publishing



Despite good intentions, our community has not done enough to provide an environment for Black chemists to thrive. In a [recent joint editorial](#), ACS Publications' editors-in-chief and deputy editors acknowledge the deleterious impacts that racism and discrimination have had on scientists from underrepresented communities, especially Black chemists. Learn about their [commitment to taking action towards positive change](#) across all ACS Publications journals, and share your own ideas on how we can do better. We must examine our roles in enabling entrenched inequalities... and take action.

Mary Engelman to Receive 2021 Award for Volunteer Service

ACS is pleased to announce that [Mary Engelman will receive the 2021 Award for Volunteer Service](#). This award is presented annually to recognize the volunteer efforts of individuals who have served ACS by contributing significantly to the goals and objectives of the Society. Engelman is being honored for her efforts in increasing public awareness of chemistry, mentoring young scientists and leading Society activities. Read the full award announcement [here](#).



U.S. Team Named for Virtual International Chemistry Olympiad



The U.S. National Chemistry Olympiad (USNCO) Program is proud to announce the [four finalists who will represent the U.S. at the 52nd Virtual International Chemistry Olympiad](#). The Team USA members, and the ACS local sections that sponsored their qualifying local competitions, are:

- Anugrah Chemparathy, Dougherty Valley High School, CA, California Section
- Alex Li, Lexington High School, MA, Northeastern Section
- Ananthan Sadagopan, Westborough High School, MA, Central Massachusetts Section
- Alec Zhu, Lexington High School, MA, Northeastern Section

Two alternates have also been named - Nicholas Tsao (Dallas-Fort Worth Section) and Michael Han (California Section). Visit the [USNCO website](#) for more information about the team and the Chemistry Olympiad program, or read the [recent article in C&EN](#).

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

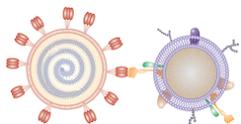
In these times of increased stress and challenges brought on by the COVID-19 pandemic, having someone who listens, is objective, and concerned may be just the help you need. ACS is pleased to offer



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: *The New York Times*



"Tiny Sponges May Soak Up Coronavirus; Old Steroid Dexamethasone Saves Lives in COVID-19 Study" (from *The New York Times*, June 17, 2020)

"In test tube experiments, the nanosponges successfully acted as decoys to attract and inactivate the virus, Zhang's team [reported](#) on Wednesday in the journal *Nano Letters*. 'In principle, the nanosponges should work everywhere in the body,' Zhang said. 'If we directly administer the nanosponges to the lungs...they will primarily stay in the lungs.'"

Summer Savings from Lenovo!

The warm days of summer are here and so are savings on technology products from Lenovo! ACS Members can receive [special savings](#) on vibrant and immersive technologies and accessories from Lenovo. Whether for work, home or gifts, you'll receive FREE shipping on all web orders, personalized products and solutions, warranty service upgrades, and business financing. Product offers are updated frequently—be sure to check the [ACS Member Savings Program](#) page often for the latest savings opportunities. Plus, you can also sign up for MyLenovo Rewards to earn credits toward future purchases. Order online or call 1-800-426-7235, ext. 3881 (Mon-Fri, 9:00 AM-9:00 PM ET; Sat, 9:00 AM-6:00 PM ET) to speak with a customer representative. [Start saving today!](#)



C&EN - This Week's Headlines



- C&EN, Table of Contents, June 29 issue
- Pandemic strands graduate students and postdocs
- COVID-19 has disrupted fieldwork. Here's how environmental chemists are coping
- Bringing drug production back to the U.S.
- Can Pepcid treat COVID-19?
- Periodic Graphics: A guide to COVID-19 testing
- Cannabis research stalled by federal inaction
- Concerns about scientist immigration to the US have amplified during the COVID-19 pandemic
- Modern tools characterize corpses and sequence sacred texts
- Paul Alivisatos named 2021 Priestley Medalist
- How to 3-D print tissue-repairing implants inside live mice
- Trump throws international science immigration into turmoil
- U.S. EPA deems 1-bromopropane a hazardous air pollutant
- Scientists take a closer look at materials for homemade masks

PHUN & GAMES

The Power of Procrastination, Now in Its Third Decade: *PhD Comics*



It has been quite some time since we checked in on *Piled Higher and Deeper (PhD)*, "the comic strip about life (or the lack thereof) in academia," which is the creative brainchild of Jorge Cham, a Stanford PhD himself who has been drawing the strip for more than two

decades and has expanded into books, movies, podcasts, and swag. (He has even made an appearance at an ACS National Meeting and been [covered](#) in C&EN!) While we're still grappling with the pandemic and looking for ways to amuse ourselves, we're definitely setting aside time for *The PhD Movie* and its sequel, *The PhD Movie 2* (which *The New York Times* apparently [enjoyed](#)), plus reading the [200 most popular strips](#) from *PhD Comics*. Jorge Cham's *PhD* empire is an inspiration and a testament to the power of procrastination - with all our normal schedules and work situations disrupted, who knows what new, creative endeavors we might get into?

Image credit: [PhDcomics.com](#)

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