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Virtual Green Chem & Engineering Conference, June 15-19

June 9, 2020

FEATURE

ACS Career Resources for Students: Here to Help You Succeed

No matter where you are in your education, ACS has [many and varied resources](#) dedicated to helping students like you grow and succeed. These online resources can help you plan and get started on your career in the chemical sciences.



College to Career - Explore [more than 50 careers](#) in chemistry, academia, government, and nonprofit organizations. You can also read the real-life experiences of more than 120 chemists, and get valuable information that could help as you enter the job market.

Undergraduate Internships, Summer Jobs, and Co-ops - The [ACS Get Experience Database](#) includes undergraduate research, internships, summer jobs, and co-ops that provide real-world experience for students who want to pursue a career in the chemical sciences. These opportunities are available globally in private companies, academic institutions, government agencies, and nonprofit associations. For international undergraduate students, the job listings also include multi-national organizations that have internships in many countries around the world.

ChemIDP Career Planning Tool - [ChemIDP](#) is an Individual Development Plan designed specifically for graduate students and postdoctoral scholars in the chemical sciences. Through immersive, self-paced activities, users explore potential careers, determine specific skills needed for success, and develop plans to achieve professional goals. ChemIDP tracks user progress and input, providing tips and strategies to complete goals and guide career exploration.

InterviewStream - Use this unique online tool to practice interviewing to learn how to identify your strengths and weaknesses and improve verbal and nonverbal communications in the interview setting before the interview.

Visit www.acs.org/education for all the resources that are available to both students and educators alike. The [ACS Career Navigator](#) and chemistryjobs.acs.org are also helpful tools for career guidance and support. ACS is here to help you succeed, every step of the way!

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.

Free from ACS Webinars: Vibrational Spectroscopy for Sustainable Chemistry

Join speakers John Wasyluk and Bob Wethman of Bristol-Myers Squibb for "Vibrational Spectroscopy and Sustainable Chemistry," a free, interactive broadcast this Thursday, June 11, 2:00-3:00 PM ET. You'll discover how spectroscopy-based analyses can provide real-time or near real-time data that lead to [enhanced productivity and a faster method transfer process](#). This ACS Webinar is co-produced with the ACS Green Chemistry Institute and the ACS GCI Pharmaceutical Roundtable.



ACS In Focus: Machine Learning in Chemistry



Busy scientists looking for a quick, practical, and reliable introduction to the uses of machine learning in chemistry need look no further. The first title to publish in the [ACS In Focus series](#), "Machine Learning in Chemistry," is a practical overview of the uses, tools, and context you need to assess how machine learning can be applied to your

own research. Read a sample chapter [here](#), and learn about how your school or institution can access the series [here](#).

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? ACS members can opt in to



receive access to LinkedIn Learning at no additional cost. [Opt in today!](#) Please e-mail any questions to LinkedInLearningPilot@acs.org.

Webinar on Writing Successful Research Grant Proposals



You are 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. The 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).

ACS CAREER NAVIGATOR

[Meet with ACS Career Consultants - Thursday, June 11, 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 11 session at acs.org/careerconsulting.



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](#).

COVID-19 Report: Adriana Vela, Founder, MarketTecNexus

How has COVID-19 shifted the way in which you do your job—and your ability to do it? (Access to labs, materials, office?)

"My research consists of attending, speaking at, or exhibiting at..." [read more insights from Innovation Zone contributors](#)



On the Safe Side: Ken Fivizzani, Safety Expert

Visiting Labs and Plants

"In the course of your career, you will probably visit laboratories and manufacturing plants other than..." [read more](#)



Adapted from the June 4, 2020 weekly edition of ACS Industry Matters. To subscribe, click [here](#).

C&EN Jobs - Latest Postings

c&en JOBS

- Assistant Professor of Chemistry /R96783 | University of Arkansas at Little Rock | Little Rock, AR
- Instructor of Chemistry / R96784 | University of Arkansas at Little Rock | Little Rock, AR
- Post-doctoral Researcher | University of Illinois Urbana Champaign | Urbana, IL
- Researcher Analytical Chemistry | Shell International Exploration and Production Inc. | Houston, TX

ACS NEWS

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.

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[®] at PlannedGifts@acs.org or (202) 872-4094.

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](#).

Got Questions About Getting into Graduate School?



Join Sam Pazicni and a panel of faculty and recruiters on Tuesday, June 16, 1:00–2:00 PM ET, for “[The In's and Out's of Getting into Graduate School: 2020 Edition](#).” This interactive workshop will answer your questions about finding and getting into the right program for you in a year when little seems certain. [Registration](#) is free and open to anyone considering grad school in the chemical sciences.

Apply Today for Global Innovation Imperatives Funding

The [ACS Global Innovation Imperatives \(Gii\)](#) 2020 program is now accepting applications through July 15th. 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 or email us at intlacts@acs.org.

ACS in the News: *MSN*



“[Explained: Why do some Covid-19 patients lose their sense of smell?](#)” (from *MSN*, May 28, 2020)

“Loss of the sense of smell (and taste), one of the more recently identified symptoms of Covid-19, is now

recognised as such by the World Health Organization (WHO) and the health authorities of some countries, including the US. A new study in mice has sought to explore why this symptom appears in some Covid-19 patients. They have [reported their findings](#) in the American Chemical Society's journal **ACS Chemical Neuroscience**."

Small Business Grants from FedEx: Apply by June 12!

FedEx has committed to providing \$1 million in grants for U.S.-based small businesses. Each grant recipient will receive \$5,000, plus a \$500 credit from FedEx Office. ACS Members can apply until June 12 at fedex.com/supportsmallgrants. But first, don't forget to [sign up for the free ACS Member Shipping Program](#), where you'll receive exclusive discounts on select FedEx services. If you're not already taking advantage of this free ACS member benefit, [enroll today!](#)



C&EN - This Week's Headlines



- C&EN, Table of Contents, June 8 issue
- COVID-19 antibody tests are raising as many questions as they answer
- For organic chemists, micellar chemistry offers water as a solvent
- New weed control tool comes with an asterisk
- Career Ladder: Naresh Sunkara
- Pandemic puts preprints first
- Industrial chemist Alessandro Agosti says quality products come from controlled, safe processes
- COVID-19 antigen tests have landed in the U.S., but not everyone is rushing out to get them
- 2-in-1 base editors make two DNA edits at once
- Lilly begins first clinical trial of antibody that targets SARS-CoV-2
- The leaky pipeline for Black chemists
- Low-cost polyurethane sponge cleans oil spills
- Video: Breathable electronics could monitor our health long-term

PHUN & GAMES

Congratulations to the CCEW Illustrated Poem Contest Winners!

As part of Chemists Celebrate Earth Week (CCEW) 2020, students from grades K-12 were invited to share their interpretation of this year's theme, "[Protecting Our Planet through Chemistry](#)," in the form of illustrated poems. Over 350 students participated in 36 local sections and 69 local winners advanced to the national contest. Visit the CCEW website to see the [winners in all categories](#).



Thanks to all participants and sponsoring ACS local sections!

Pictured: 1st Place entry in Grades 6-8, by Morgan Becker, 7th Grade, Shoreline Junior High School, ACS Salt Lake Section

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