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An ACS member exclusive benefit



Hundreds of presentations from the best and brightest minds that chemistry has to offer are available to you on-demand. The Archive is divided into 6 different sections to help you more easily find what you are searching.

Professional Development

▶ View the Collection

Learn how to write better abstracts, deliver more engaging presentations, and network to your next dream job. Brush up on your soft skills and set a new career path by mastering what can not be taught in the lab.

Technology & Innovation

View the Collection

From renewable fuels to creating the materials for the technology of tomorrow, chemistry plays a pivotal role in advancing our world. Meet the chemists that are building a better world and see how their science is making it happen.

Drug Design and Delivery

► View the Collection

The Drug Design Delivery Series has built a collection of the top minds in the field to explain the mechanics of drug discovery. Discover the latest research, receive an overview on different fields of study, and gain insight on how to possibily overcome your own med chem roadblocks.

Culinary Chemistry

▶ View the Collection

Why does food taste better when it is grilled or what molecular compounds make a great wine? Discover the delectable science of your favorite food and drink and don't forget to come back for a second helping.

Popular Chemistry

► View the Collection

Feeling burdened by all that molecular weight? Listen to experts expound on the amazing side of current hot science topics. Discover the chemistry of rockets, how viruses have affected human history, or the molecular breakdown of a hangover.

Business & Entrepreneurship

▶ View the Collection

How do ideas make it from the lab to the real world? Discover the ins and outs of the chemical industry whether you are looking to start a business or desire a priceless industry-wide perspective.

https://www.acs.org/content/acs/en/acs-webinars/videos.html

ACS Webinars

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Learn from the best and brightest minds in chemistry! Hundreds of webinars on diverse topics presented by experts in the chemical sciences and enterprise.

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What is ACS on Campus?



ACS visits campuses across the world offering FREE seminars on how to be published, find a job, network and use essential tools like SciFinder. ACS on Campus presents seminars and workshops focused on how to:



- · Publish in top journals
- Find a job
- Effectively use research tools like SciFinder® and ACS ChemWorx
- · Communicate your science

- · Write grant proposals
- Build industry partnerships
- · Prepare for a changing employment landscape

http://acsoncampus.acs.org

2020 GC&E Virtual Conference





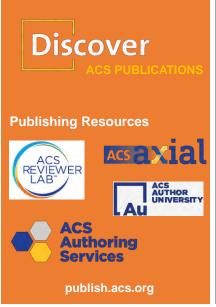
REGISTER FOR FREE!

On June 15-19, from 11am-5:30pm EDT attendees will view and engage with:

- Daily keynote speakers
- 40+ technical sessions
- 80+ posters
- Networking breaks and #gcande happy hour
- Green Expo
- GC&E Fridays: Live technical sessions on Fridays leading up to the conference week

https://www.gcande.org/register







acsoncampus.acs.org/resources



















VIRTUAL

ACS Career Day Younger Chemists Committee (YCC)

Early Career Development Workshops O&A

ACS Career Consultants Networking

SATURDAY, JUNE 27 / 10 AM ET

Visit www.acs.org/virtualcareerdays

ACS Efforts and Resources on COVID-19





Browse ACS Resources and Initiatives!

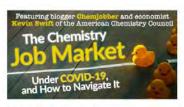
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- **INOVA EAP/WORK-LIFE ASSISTANCE PROGRAM** 24/7 assistance on a wide range of issues, such as emotional, relationship, major life, health, wellness, educational and more for ACS members based in the United States. Confidential services are provided via telephone or comprehensive online resources.

www.acs.org/covid-19

Free ACS Webinars Every Weekday!

Upcoming Broadcasts





Wednesday, June 17, 2020 at 2-3pm ET

Speakers: CJ, Chemiobber.com and Kevin Swift, American Chemistry Council Moderator: Linda Wang, Chemical & Engineering News

- . The current state of the chemistry job market in both industry and
- . How job seekers at all levels can navigate this new and uncertain job
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Speakers: Christopher Bowman, University of Colorado Boulder and Marek Urban, Clemson University

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What You Will Learn

- . The current state-of-the-art and future of self-healing polymers
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Explore ACS Education

Promoting excellence in science education and community outreach!





Kitchen Chemistry

These hands-on physical science and chemistry activities require only materials that are typically found in the kitchen.



In's & Out's of Getting In to Grad School In this webinar, recruiters and faculty

answer your questions about getting into the right grad program. Tuesday, June 16 | 1:00 - 2:00 p.m. (EDT)



Student Chapter Reports Inform ACS about your activities



Resources for Students



Explore Chemistry

Adventures in Chemistry Periodic Table of Elements Landmarks in Chemical History





Find Outreach Activities

Kids & Chemistry Science Coaches



Browse Books and Magazines



Explore Committees

Technician Affairs (CTA)



https://www.acs.org/content/acs/en/education.html





A statement of solidarity with communities of color

Pandemic puts preprints

As scientists attempt to speed up COVID-19 research, attention by the public and media has changed the way preprint servers and journals handle those



COVID-19 antibody tests are raising as many questions as they answer

As stay-at-home orders expire, some are turning to the tests to reopen society safely. It may be too much to ask

POLICY

first

COVID-19 antigen tests have landed in the US, but not everyone is rushing out to get them

some large labs say they won't offer them right away

The tests are less reliable than other diagnostics, and

https://cen.acs.org



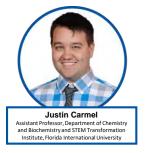
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The Future of the Chemistry Laboratory Course









 $Presentation \ slides \ are \ available \ now! \ This \ edited \ recording \ will \ be \ made \ available \ as \ soon \ as \ possible.$

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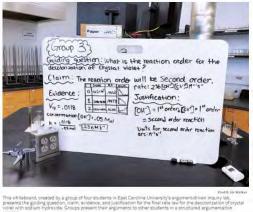
Disclaimer



This event is designed to explore key questions regarding the future of laboratory experiences and curricula. The opinions or views expressed in these discussions do not necessarily reflect on the current statements and guidelines of the American Chemical Society, the views or opinions of ACS's management or its members, or plans for renewed or revised policies. Chemistry departments seeking ACS Approval must continue to follow the ACS Guidelines for Bachelor's Degree Programs as stipulated by the Committee on Professional Training, including those for laboratory instruction once their campuses resume face-to-face instruction without social distancing.

Articles and Editorials





an institution's general chemistry labs each semester. The dedicated lab space, equipment, reagents, waste disposal, and instructional time required to accommit that many students, typically in their first or second year of study, make general chemistry labs among the most expensive educational undertakings on a university campus.

Questioning the value of general chemistry labs Celia Henry Arnaud

Chemical & Engineering News MAY 10, 2020 | APPEARED IN VOLUME 98, ISSUE 18

Evidence for the Importance of Laboratory Courses

Stacey Lowery Bretz

Journal of Chemical Education 2019 96 (2), 193-195 DOI: 10.1021/acs.jchemed.8b00874

Investing in Laboratory Courses

Rebecca Sansom and Joi P. Walker Journal of Chemical Education 2020 97 (1), 308-309 DOI: 10.1021/acs.jchemed.9b00714

Establishing the Laboratory as the Place to Learn How to Do **Chemistry**

Michael K. Seery Journal of Chemical Education Article ASAP DOI: 10.1021/acs.jchemed.9b00764

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Discussion Topics







- Essential skills and knowledge that students develop in (and only in) laboratory courses
- Approaches for determining what students are gaining from laboratory experiences
- Strategies for building laboratory curricula that develop essential knowledge and skills

Additional Resources



ACS GUIDELINE QUESTIONS

- $\checkmark \ \ General \ descriptions \ of the ACS \ Guidelines \ Adjustments \underline{https://drive.google.com/file/d/1aE5m9tgf3Eawb55ZylRu1iiuqsYrSdtd/view}$
- ✓ Feedback on Proposal to ACS Guidelines Adjustments https://fs12.formsite.com/acs_cpt/GLMods/index.html
- ✓ CPT- Laboratory Experiences that Require Hands-on Experience, a proposal from CPT https://drive.google.com/file/d/1h8EVUJ752KOXbY1lwM40peVMnsPqvDl6/view

EQUITY QUESTIONS

- ✓ 3 Myths Plus a Few Best Practices for Achieving Diversity https://medicine.arizona.edu/sites/medicine/files/invite_everyone_in_sci_am_2014.pdf and https://medicine.arizona.edu/sites/medicine/files/invite_everyone_in_sci_am_2014.pdf and https://www.scientificamerican.com/author/victoria-plaut/
- Creating community in the classroom https://disability.umn.edu/sites/disability.dl.umn.edu/files/media/creating community in the classroom 1.pdf
- ✓ Navigating the 'Decolonising' process: Avoiding pitfalls and some Do's and Don't's https://discoversociety.org/2019/02/06/navigating-the-decolonising-process-avoiding-pitfalls-and-some-dos-and-donts/
- ✓ Sloan Equity and Inclusion in STEM Introductory Courses https://sites.google.com/umich.edu/SEISMIC/home?authuser=0

FACEMASK SAFETY QUESTIONS

✓ CDC Recommendations for wearing a facemask properly - https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/how-to-wear-cloth-face-coverings.html

FREE REMOTE INSTRUCTION RESOURCES

- Stacey Lowery Bretz's curated list of online animations, videos, simulations, and demos to support colleagues as we move to #remoteinstruction #online learning http://chemistry.miamioh.edu/bretzsl
- ✓ Brittland DeKorver's Facebook page for teaching chemistry in times of COVID https://www.facebook.com/groups/849427775469472
- ✓ The Journal of Chemical Education special issue "Insights Gained While Teaching Chemistry in the Time of COVID-19" https://pubs.acs.org/doi/10.1021/acs.jchemed.0c00378
- The Beyond Labz virtual labs are a set of realistic and sophisticated simulations covering general chemistry, organic chemistry, biology, physics, and physical science
 https://www.beyondlabz.com

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Co-produced with: ACS Division of Polymer Chemistry



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ACS Efforts and Resources on COVID-19





Browse ACS
Resources and
Initiatives!

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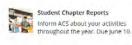
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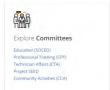


Browse Books and Magazines

InChemistry Inquiry in Action









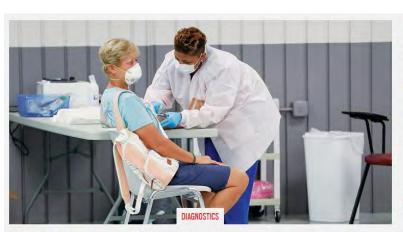
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Die Die

Find Outreach Activities





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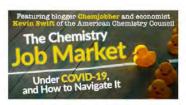
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