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► View the Collection	► 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.	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.
Popular Chemistry	Business & Entrepreneurship
► View the Collection	► 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,	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.
	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. 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



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Live Broadcasts of ACS Webinars[®] continue to be available to the general public on most Wednesdays and Thursdays from 2-3pm ET!

A **collection of the best edited recordings** from past ACS Webinars will be broadcast on Fridays from 2-3pm ET!

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- 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



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Industry Matters Newsletter

Exclusive interviews with industry leaders and insights to advance your career

Preview & Subscribe: acs.org/indnews



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Join: bit.ly/ACSinnovationhub

ACS Efforts and Resources on COVID-19





Browse ACS Resources and Initiatives!

- YOU MAY RECEIVE A ONE-YEAR WAIVER ON YOUR NATIONAL DUES If your membership is up for renewal, but you're experiencing a special hardship, such as unemployment, furlough, reduced wages or illness.
- RECEIVE ACCESS TO LINKEDIN LEARNING THROUGH THE END OF THIS YEAR This powerful resource includes over 15,000 on-demand courses to support your continued learning and career advancement for active ACS members.
- 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

ACS Career Navigator: Your Home for Career Services



Whether you are just starting your journey, transitioning jobs, or looking to brush up or learn new skills, the ACS Career Navigator has the resources to point you in the right direction.

We have a collection of career resources to support you during this global pandemic:



Professional Education





Virtual Career Consultants



College to Career



ACS Leadership **Development System**



ACS Webinars



Career Navigator LIVE!



Virtual Classrooms

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Free Upcoming ACS Webinars!



Wednesday, July 1, 2020 at 2-3pm ET Speakers: Will Fuentes, Maestro Group Moderator: Paula Christ her, Ar can Chemical Society

What You Will Learn

- How to prepare for an interview How to conduct the interview remotely
- · How to follow up after the interview

Co-produced with: ACS Diversity Programs and the Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)

Register for Free



Visit www.ACS.org/COVID19-Network to learn more!

Thursday, July 2, 2020 at 2-3pm ET Speaker: Chris Mocella, U.S. Customs and Border Protection Laboratories Moderator: Andrew Maynard, University of Michigan



· The basic "re-dox" principles in pyrotechnic reactions Chemical ingredients in fireworks

- Special effects: color generation and "stars"





Speaker: Chris Mocella, U.S. Customs and Border Protection Laboratories Moderator: Darren Griffin, University of Kent



- · Principles of ignition and initiating pyrotechnic compositions · Principles of ignition sensitivity and sensitivity testing techniques, such as heat, spark, friction, and impact.
- Common analytical techniques for pyro ic comp ins, such as spectroscopy, luminosity, microscopy, and thermoanalysis

What You Will Learn

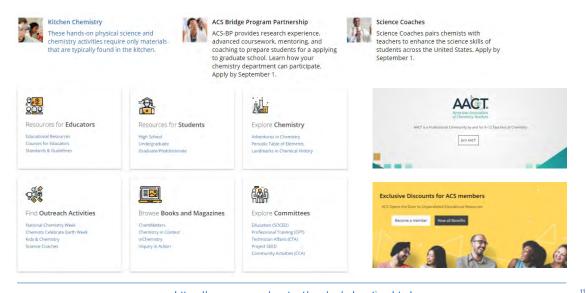
www.acs.org/acswebinars



Explore ACS Education

Promoting excellence in science education and community outreach!





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



AACT Member Benefits

Resources

- Online periodical, Chemistry Solutions
- Multimedia (animations, videos, simulations)
- ChemMatters subscription
- Lesson plans

Networking

- Q&A for chemistry pedagogy, classroom techniques, etc.
- Online network of members

Professional Development

- · Webinars for professional development credit
- · Mentoring for new chemistry teachers

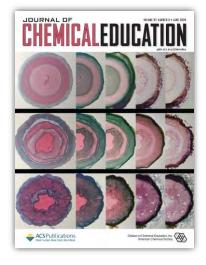
https://teachchemistry.org



CHEMICALEDUCATION



The *Journal of Chemical Education* is the official journal of the Division of Chemical Education of the American Chemical Society, co-published with the American Chemical Society Publications Division. Launched in 1924, the *Journal of Chemical Education* is the world's premier chemical education journal. JCE typically addresses chemical content, activities, laboratory experiments, instructional methods, and pedagogies. The Journal serves as a means of communication among instructors of chemistry from middle school through graduate school, professional staff who support these teaching activities, as well as some scientists in commerce, industry, and government.

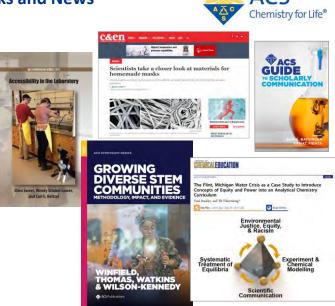


https://pubs.acs.org/journal/jceda8

ACS Publications Journals, Books and News

an indispensable resource for educators

- Prepare lecture and lab curriculum
- Increase diversity in STEM education
- Support accessibility
- Teach by example
- Assign supplemental reading
- Build communication skills
- Connect concepts to current events
- Add historic context

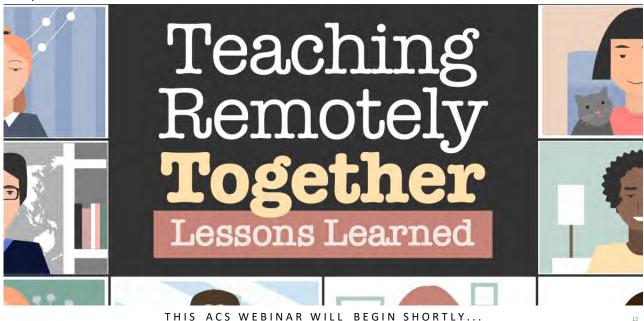


https://connect.acspubs.org/getaccess

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Teaching Remotely Together Lessons Lesson

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Teaching Remotely Together: Lessons Learned



Presentation slides are available now! Edited recordings are an exclusive ACS member benefit. www.acs.org/acswebinars

This ACS Webinar is co-produced with the American Association of Chemistry Teachers, ACS Education, and ACS Publications.

Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

What courses do you currently teach?

- Elementary (K-5) science courses
- Secondary (6-12) science courses
- Advanced placement chemistry courses
- Post-secondary General/introductory chemistry courses
- Post-secondary in-depth chemistry courses



* If your answer differs greatly from the choices above tell us in the chat!





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- Ways remote education is advancing STEM education
- · How the broader education community is working together
- · Resources our community of educators found most effective for teaching chemistry online





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ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

How do you feel your transition to remote teaching went?

- Epic disaster
- Not great, but ok given the circumstances
- Decent, I might have even done some things pretty well but there's also room for improvement
- Pretty well overall, but there are a few things I need to tweak/figure out
- Fantastic because I was born ready!

POLL

* If your answer differs greatly from the choices above tell us in the chat!

The Journey through the Process and Stages



Dawn

ACS Technical Division

- Triage to remote instruction (Initial pivot \rightarrow End of term)
- Continuing remote instruction (spring quarter, summer sessions, fall, beyond?)
- Resuming face-to-face instruction (with or without social distancing)

We are all in this together, regardless of which stage we may be in individually



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ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

What parts of your teaching did you learn the most about and plan to utilize moving forward? (Select all that apply)

- Technological (tools)
- Instructional (delivery and assessment)
- Pedagogical (format/design)
- Philosophical (principles)
- Professional (community)



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Is remote education advancing STEM Education? aoina conference changes college atoryorat technology dimerent tion PChemistry Tom course Comparison CHEMICALEDUCATION (eac Impact 7 extensive broadly description change support

- Ways remote education is advancing STEM education
- How the broader education community is working together
- · Resources our community of educators found most effective for teaching chemistry online

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

What support structures and/or communities did you utilize in your transition and during remote instruction? (Select all that apply)

* If your answer differs greatly from the choices above tell us in the chat!

- Network of colleagues at campuses/districts
- Existing communities (AACT, VIPEr/IONiC, OrganicERs)
- Literature
- Organizations (associations, societies)
- Vendors (publishers, lab, technology platforms)

How Broader Education Community Works Together



- Ways remote education is advancing STEM education
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LaTrease ACS Education







ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

What resources did you personally find to be most helpful in teaching chemistry remotely? (Select all that apply)

- Technical support (tools)
- Instructional materials (delivery and assessment)
- Pedagogical approaches (format/design)
- Philosophical (principles)
- Professional and emotional support (community)



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Final Thoughts





- Ways remote education is advancing STEM education
- · How the broader education community is working together
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ACS Resources and Much More...

Teaching Remotely **Together**

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The chemistry community has a wide range of resources to assist with teaching remotely in various and changing circumstances, some of which are compiled at the link below. To facilitate use of this list, resources are organized into the six categories considered during the webinar.

- 1. Overall
- 2. Professional (community)
- 4. Pedagogical

(format / design)





Teaching Remotely Together Resource List 3. Philosophical (principles)

6. Technological (tools)

http://www.acs.org/content/dam/acsorg/events/popular-chemsitry/Slides/2020-06-30-remote-teaching-resources.pdf

Free Upcoming ACS Webinars!





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What You Will Learn

- · The basic "re-dox" principles in pyrotechnic reactions
- Chemical ingredients in fireworks
 Special effects: color generation and "stars"



Friday, July 3, 2020 at 2-3pm ET Speaker: Chris Mocella, U.S. Customs and Border Protection Laboratories Moderator: Damen Griftin, University of Kent



- · Principles of ignition and initiating pyrotechnic compositions Principles of ignition sensitivity and sensitivity testing techniques, such as hear, spark, friction, and impact.
- Common analytical techniques for pyrotechnic compositions, such as spectroscopy, luminosity, microscopy, and thermoanalysis

What You Will Learn

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Initiatives!





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