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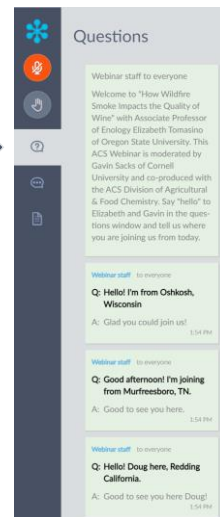


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"Why am I muted?" Don't worry. Everyone is muted except the Presenter and the Host. Thank you and enjoy the show.



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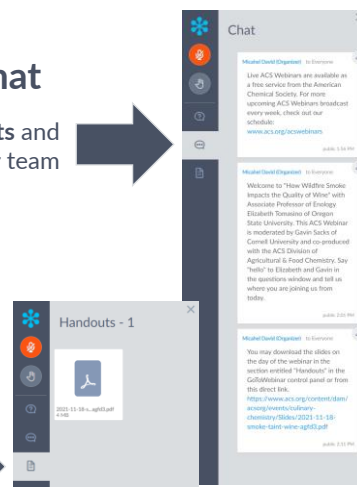


Chat

Announcements and hyperlinks from our team

Handouts

Download the PDF of today's slide deck



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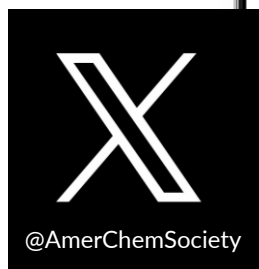


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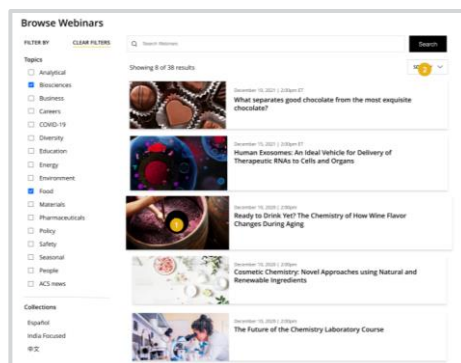
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A Career Planning Tool For Chemical Scientists

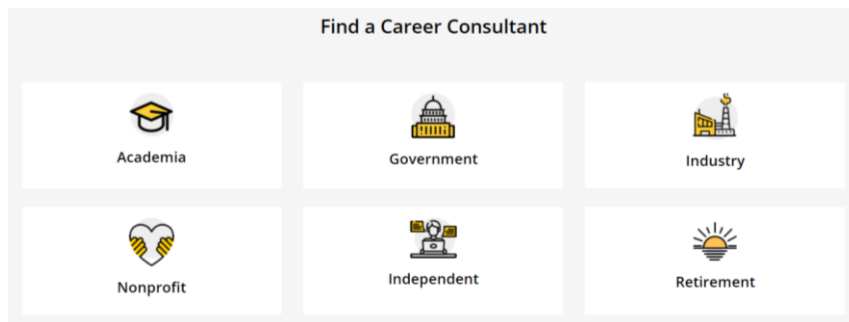


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<https://chemidp.acs.org>

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- ACS Member-exclusive program that allows you to arrange a one-on-one appointment with a certified ACS Career Consultant.
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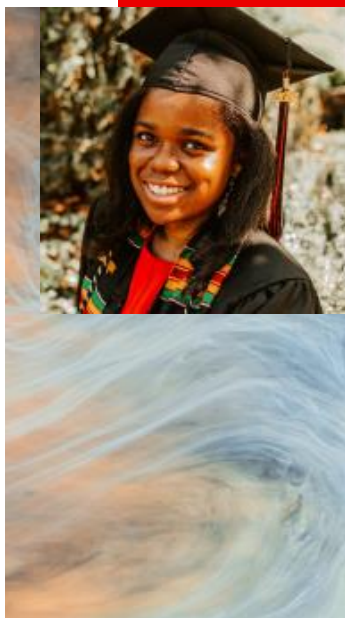
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ACS Scholar Adunoluwa Obisesan

BS, Massachusetts Institute of Technology, June 2021
(Chemical-biological Engineering, Computer Science & Molecular Biology)



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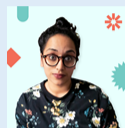
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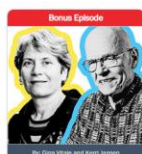
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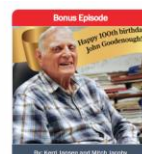
Bonus Episode
Carolyn Bertozzi and K. Barry Sharpless chat about sharing the 2022 Nobel Prize in Chemistry
December 6, 2022



Bonus Episode
Bioorthogonal, click chemistry clinch the Nobel Prize
October 5, 2022



Episode #46
Lithium mining's water use sparks bitter conflicts and novel chemistry
September 13, 2022



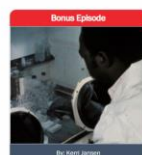
Bonus Episode
Happy 100th birthday, John Goodenough!
For John Goodenough's 100th birthday, Stereo Chemistry revisits a fan-favorite interview with the renowned scientist
July 25, 2022



Bonus Episode
Jess Wade on Wikipedia and work-life balance
June 21, 2022



Bonus Episode
The sticky science of why we eat so much sugar
May 31, 2022



Bonus Episode
There's more to James Harris's story
April 27, 2022



Bonus Episode
The helium shortage that wasn't supposed to be
March 24, 2022

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Preview Content: acs.org/indnl

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ACS Career Resources



Virtual Office Hours



<https://www.acs.org/careerconsulting.html>

Personal Career Consultations

Jim Tung

Chairman
Lacamas Laboratories

B.S., Biochemistry, University of Oregon
Ph.D., Organic Chemistry, University of Notre Dame

Jim Tung works at Lacamas Laboratories in Portland, OR, currently as a business development manager. He has been with Lacamas for 10 years, working on developing new chemical manufacturing projects. Before that, he was a senior research chemist at Glaber Research in Champaign, IL, performing kilo-scale organic chemistry.

An Oregon native, Jim got his B.S. in biochemistry from the University of Oregon, his Ph.D. in organic chemistry from the University of Notre Dame, with postdoctoral experience at Pfizer's laboratories in La Jolla, CA. He is past chair of the Portland Section of the American Chemical Society and was 2019 general co-chair of NORM 2019. He has interests in process chemistry, labor economics, social media outreach and encouraging career exploration and development for younger chemists.

Ask me about:

- Working in industry
- Applying for academic jobs
- Getting your first job

Contact With Jim

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Members participated
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Get Involved

1739+

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Workshops participants
or enrollees

Enroll in a workshop

49

Years of Public
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Become a Fellow

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Take Action

American Chemical Society

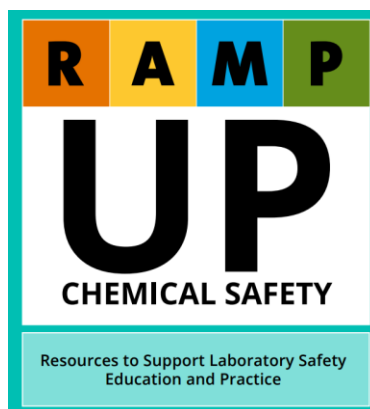
<https://www.acs.org/policy>

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A complete listing of ACS Safety Programs and Resources



Download it for free in the "Projects & Announcements" Section! www.acs.org/ccs

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Advancing ACS' Core Value of Diversity, Equity, Inclusion and Respect



Resources

| | |
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| <p>Inclusivity Style Guide Designed to help staff and members use language and images that respect diversity in all its forms.</p> | <p>ACS Webinars on Diversity Covering diversity and inclusion at the workplace</p> |
| <p>ACS Publications DEIR Hub See what ACS Publications is doing for fostering inclusivity in scholarly publishing</p> | <p>ACS Volunteer and ACS Meetings Code of Conduct Fostering a positive and welcoming environment for attendees, volunteers and staff.</p> |
| <p>C&EN Trailblazers C&EN highlights scientists from different backgrounds who are making an impact in chemistry.</p> | <p>NEW! Download DEIR Educational Resources Download this educational guide for additional recommendations on videos, articles, books, podcasts, and more on diversity, inclusion, and related topics.</p> |
| <p>Quick Guide: Inclusion Moments Learn more about what Inclusion Moments are and see ideas to host them during your meetings.</p> | <p>Quick Guide: How to host inclusive in-person events Recommendations and best practices to ensure that your events can accommodate everyone.</p> |

Diversity, Equity, Inclusion, and Respect

**Adapted from definitions from the Ford Foundation Center for Social Justice:

Equity**

Seeks to ensure fair treatment, equality of opportunity, and fairness in access to information and resources for all. We believe this is only possible in an environment built on respect and dignity. Equity requires the identification and elimination of barriers that have prevented the full participation of some groups.

Diversity**

The representation of varied identities and differences (race, ethnicity, gender, disability, sexual orientation, gender identity, national origin, tribe, caste, socio-economic status, thinking and communication styles, etc.), collectively and as individuals. ACS seeks to proactively engage, understand, and draw on a variety of perspectives.

Inclusion**

Builds a culture of belonging by actively inviting the contribution and participation of all people. Every person's voice adds value, and ACS strives to create balance in the face of power differences. In addition, no one person can or should be called upon to represent an entire community.

Respect

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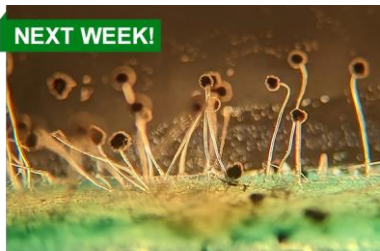
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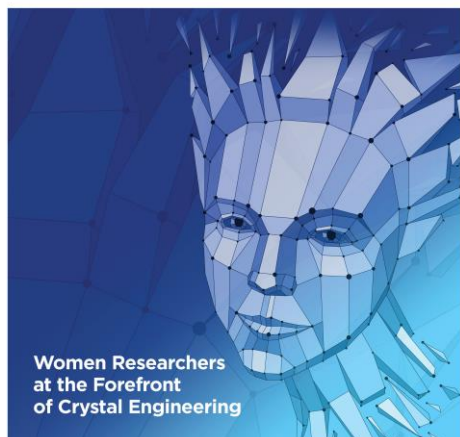
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Women Researchers at the Forefront of Crystal Engineering

Sorja Krane, Jennifer Hiscock, Kathryn Preuss, and Jonathan W. Steed*

Cite this: *Cryst. Growth Des.* 2023, 23, 6, 3917–3930

Publication Date: June 7, 2023

<https://doi.org/10.1021/acs.cgd.3c00609>

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SUBJECTS: Crystal engineering, Crystal structure, Crystallization, Crystals, Materials

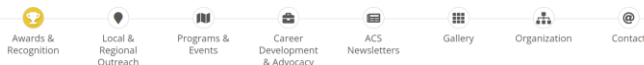
Through this virtual issue, *Crystal Growth & Design* celebrates the contributions that women have made and will continue to make to the field.

Thirty-eight first authors or corresponding authors who are cisgender or transgender women submitted information for inclusion in the virtual issue, and many of them wrote statements about their experiences as researchers in crystal engineering.

https://pubs.acs.org/doi/10.1021/acs.cgd.3c00609?ref=vi_women-in-crystal-engineering

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ACS Women Chemists Committee



★ Rising Star Awards



This award recognizes exceptional early to mid-career women chemists across all areas who have demonstrated outstanding promise for contributions to their respective fields. To be given annually, this new award is also intended to help promote retention of women in science.



Priscilla Carney Jones Scholarship

This scholarship is for female undergraduate majors in chemistry or related disciplines who are beginning their junior or senior years of study.

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The Art of Self-Reinvention: How to Future Proof Yourself



ALEXA DEMBEK, PhD

Chief Technology &
Sustainability Officer, DuPont



FANNY FRAUSTO, PhD

Senior Scientist,
The Clorox Company



DANNIBELLE HAASE, PhD

Research Scientist, Wire and Cable
R&D, Packaging & Specialty Plastics
and Hydrocarbons, Dow Inc.

This ACS Webinar[®] is organized by Anna Sromek, Gloria Thomas-Fuller, and Lorena Tribe of the ACS Women Chemists Committee.

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The Art of Self-Reinvention: How to Future Proof Yourself



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Audience Survey Question

ANSWER THE QUESTION ON THE INTERACTIVE SCREEN IN ONE MOMENT

What set of skills do you think will be MOST in demand in 2030?

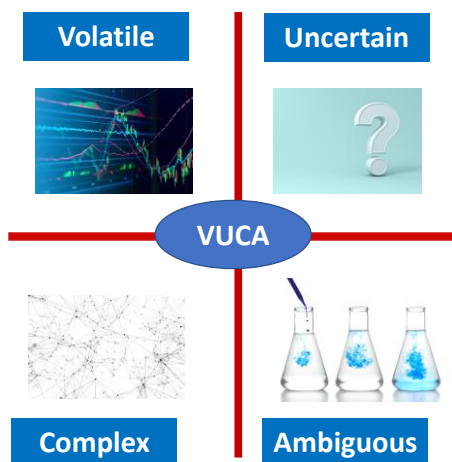
- Digital Literacy skills
- Domain-specific
- Emotional and Social Intelligence
- Lifelong Learning
- Statistics

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

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How would you describe our world today?



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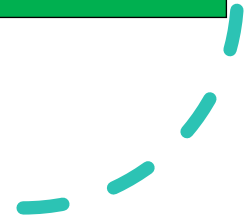
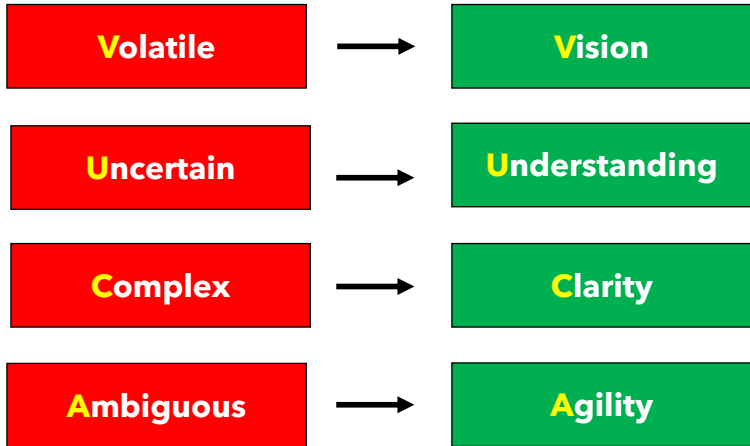
Possible Consequences of a VUCA Environment on Individuals & Organizations



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Our Mindset is Key to Capitalizing on Opportunities



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Select Strategies for Future-Proofing Yourself

- Become/remain Tech Savvy
- Hone transferable skills/develop broad range of competencies
- Develop foresight by scanning the environment
- Build your Network
- Proactively manage your career (Conduct a **Personal SWOT Analysis**)
- Build your resilience



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Microstepping Increases our Chances of Making Successful Transitions

When to use Microstepping

- The change is big or overwhelming for you
- To ensure time frames are realistic
- To promote long term thinking
- You don't have a good support system, or the environment is inconducive to your success
- To ensure that you don't only rely on willpower (willpower is a limited)
- When you need to make change that is not important enough to you



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Navigating a bad outcome to a good decision

- “Good decisions are forward-looking, take available information into account, consider all available options, and do not create conflicts of interests.”
– Dan Ariely
- To increase the chances of making a good decision, focus on the process upfront – Make assumptions clear, understand the context
- Decisions involve luck & skill so don’t let bad outcomes discourage you – Trust the process, learn from the experience, continue improving
- Leaders can reward good decisions by separating the decision from the outcome and to the extent possible, reward the decision

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Audience Survey Question

ANSWER THE QUESTION ON THE INTERACTIVE SCREEN IN ONE MOMENT

What is the approximate failure rate of change initiatives?

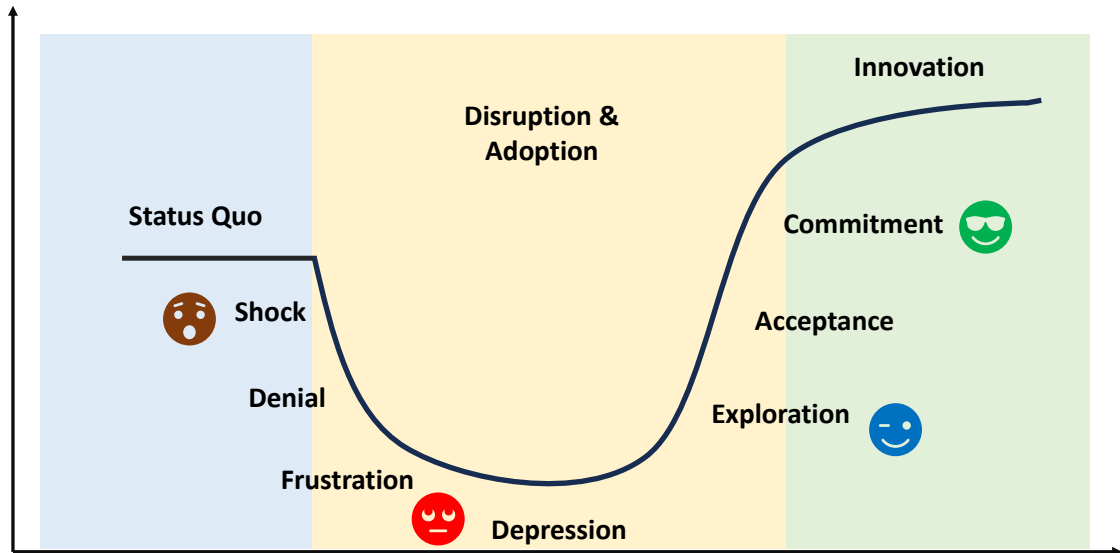
- 1 out of 10
- 1 out of 5
- 3 out of 10
- 2 out of 5
- None of the above

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

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Self-awareness and Self-knowledge can help us through the Personal Change Process



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Managing our Reactions and Tapping into our Adaptability is crucial for Successful Change

Minimize (Icon: two arrows pointing away from each other)

Resist (Icon: a clenched fist)

Quit (Icon: a circle with a diagonal slash)

Move (Icon: a person running)

Wait (Icon: a pause symbol)

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Will AI take our jobs?

- AI is a powerful tool that connects past dots & tries to predict the future using information that it has learned
- Via networking (conferences, etc.) we can gain novel insights by using information not yet available
- Personal branding will be key a key differentiator so hone “human” skills like empathy, self-awareness and build/maintain connection with others

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★ Rising Star Awards



This award recognizes exceptional early to mid-career women chemists across all areas who have demonstrated outstanding promise for contributions to their respective fields. To be given annually, this new award is also intended to help promote retention of women in science.



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