Type them into questions box!

“Why am I muted?”
Don’t worry. Everyone is muted except the presenter and host.
Thank you and enjoy the show.

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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 Library 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 cannot 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 of different fields of study, and gain insights on how to possibly overcome your own research 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 radicals, how viruses have affected human history, or the molecular breakdown of a hangover.

- **Business & Entrepreneurship**
  - View the Collection
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https://www.acs.org/content/acs/en/acs-webinars/videos.html

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- **LinkedIn ACS Innovation Hub**
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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
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- ACS Leadership Development System
- Career Navigator LIVE!
- ChemIDP
- College to Career
- ACS Webinars
- Virtual Classrooms

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

Join us in our efforts to increase the diversity of chemistry.

Valued donors like you have sustained ACS educational programs that are welcoming students from diverse backgrounds into our profession.

www.acs.org/donate
ACS Department of Diversity Programs

*Advancing ACS’s Core Value of Diversity, Inclusion & Respect*

We believe in the strength of diversity in all its forms, because inclusion of and respect for diverse people, experiences, and ideas lead to superior solutions to world challenges and advances chemistry as a global, multidisciplinary science.

**Contact Us:**
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[ACS Diversity Voices Podcast](https://acsvoices.podbean.com/)

[www.acs.org/diversity](https://www.acs.org/diversity)

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ACS Women Chemists Committee

The mission of the ACS WCC is to attract, retain, develop, promote, and advocate for women to positively impact diversity, equity, and inclusion in the Society and the profession.

Find out more about the ACS WCC! [https://acswcc.org](https://acswcc.org)
Date: Tuesday, March 30, 2021 @ 1-2pm ET
Speakers: Tom Connolly, American Chemical Society / Robin Preston, American Chemical Society / Frankie Wood Black, Northern Oklahoma College and Sophia Pursuits, Inc.
Moderator: Aline Garrison, ACS Senior Chemists Committee

What You Will Learn:
- How can seniors be prepared to adjust and thrive with the changes to society due to COVID-19
- What is the impact of COVID-19 on seniors, such as travel and volunteer work
- What skills will seniors need for a post COVID-19 world

Co-produced with: ACS Senior Chemists Committee

www.acs.org/acswebinars

Date: Wednesday, March 31, 2021 @ 2-3:30pm ET
Speaker: Stephen Buckiep, Novo Nordisk
Moderator: Nita Abriln, Eli Lilly and Company

What You Will Learn:
- Challenges associated with delivering peptides such as GLP-1 via the oral route
- Necessary strategy to employ to effectively overcome these challenges and develop an oral GLP-1 peptide drug product (oral semaglutide)
- Detailed mechanistic understanding of how semaglutide is absorbed upon oral administration

Co-produced with: ACS Division of Medicinal Chemistry, American Association of Pharmaceutical Scientists, and ACS Publications

Date: Thursday, April 1, 2021 @ 2-3pm ET
Speaker: Matt Grankvist, Chugai Biotech & Industrial
Moderator: Annette Lichiro, Iowa State University

What You Will Learn:
- How to utilize the organic chemistry concept of retrosynthesis to facilitate career planning
- How to recognize common knowledge, skills, and attributes (KSAOs) needed in target career roles and develop strategies for obtaining them
- How to evaluate changing vs. convergent strategies towards career planning

Co-produced with: ACS Division of Professional Relations

THE RESILIENCE OF WOMEN IN CHEMISTRY

FREE Webinar | TODAY at 2pm ET

THIS ACS WEBINAR WILL BEGIN SHORTLY...
The Resilience of Women in Chemistry

Presentation slides are available now! The edited recording will be made available as soon as possible.

www.acs.org/acswininars

This ACS Webinar is co-produced with ACS Women Chemist Committee, ACS Department of Diversity Programs, ACS Diversity, Equity, Inclusion and Respect Advisory Board
My Career Path

Resilience is about getting back up after getting knocked down

I never lose. I win or I learn.
- Nelson Mandela
Don’t stay stuck.

Believe in Yourself

Yes, I did it!
I will do it
I can do it
I’ll try to do it
How do I do it?
I want to do it
I can’t do it
I won’t do it
Which step have you reached today?
What has been the hardest part of the COVID-19 Pandemic for you?

- Staying at home
- Not being able to spend time with family and friends
- Working/Studying at home
- Worrying about friends and family becoming infected
- Other (Tell us more in the chat)

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

Find out what motivates you
Patricia Silveyra, Ph.D.
Associate Professor
Department of Environmental and Occupational Health
Indiana University Bloomington

THE RESILIENCE OF WOMEN IN CHEMISTRY
My Scientific Journey (1999-2020...)

<table>
<thead>
<tr>
<th>Student</th>
<th>Trainee</th>
<th>Professional</th>
</tr>
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<tbody>
<tr>
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9 years

My Scientific Journey (1999-2020...)

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9 years

3 years
resilience:
“an ability to recover from or adjust easily to misfortune or change.”

—Merriam-Webster Dictionary

Finding balance

- Rearranging expectations
- Asking for help
- Fighting guilt
- Learning to accept help
- Re-setting priorities
- Re-defining success
- Manage stress
What activities help you manage stress? (Choose all that apply)

- Sports/Yoga
- Meditation
- Talking with friends/family
- Movies/Reading
- Creative Activities (making art, music, etc.)

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

New year, new lab, new perspective
Dr. Sara E. Mason
Associate Professor & Director of Graduate Studies
Department of Chemistry
University of Iowa

THE RESILIENCE OF WOMEN IN CHEMISTRY

Mason Group: Building Bridges between Computational Chemistry and Experiment at the Nanoscale

Dr. Sara E. Mason
(she | her)
Associate Professor & Director of Graduate Studies
Department of Chemistry
University of Iowa
@UIchemSEM
What I want you to know first...

- Resilience:
  - Being tough
  - Being elastic

- Big Picture Beyond Today:
  - Systems that pressure some groups to show greater resilience need dismantling

- Sharing my story
  - Acknowledging my privilege

Resilience by being tough...

A.A.S. Chemical Technology, ’99
B.S. Chemistry ’01
Ph.D. in Chemistry ’07
NRC Postdoc, Physics Laboratory ’07-’10
Resilience by adapting...

Start TT position Fall 2010

First major grant funded 2013

Baby #1 (Adia, present) 2014

Promoted with Tenure 2017

Baby #2 (Aden) 2017

Resilience by adapting...

Chronic illness as a postdoc

Start TT position Fall 2010

First major grant funded 2013

Pregnant by IVF

Baby #1 (Adia) 2014

No time off

Tenure tour, breast pump in tow

No sleep! Daycare germs!

Promoted with Tenure 2017

Baby #2 (Aden) 2017

Pregnant by IVF

High risk, complications

One month NICU

Managing illness

Major surgery

Infertility treatments
2020: Resilience by being tough AND adapting...

“A diverse team of UI researchers tackle energy, the environment, and nanotechnology”
Little Village Magazine, 2018
What changes to your work (or work-life balance) have you made and plan to keep after the pandemic?

- None, I can’t wait to get back to “normal”
- I hope to continue to work (study) from home, some of the time
- I will stay more connected virtually with friends/family
- I made lifestyle changes that I hope to maintain
- Other (Tell us more in the chat)

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

New Additions to ACS Strategic Plan

**Core Values**

**Core Value:** Diversity, Equity, Inclusion, and Respect

**Goals**

**Goal 5:** Embrace and Advance Inclusion in Chemistry
Diversity, Equity, Inclusion, and Respect (DEIR) Advisory Board

Suggestion Ox: https://app.suggestionox.com/r/DI_R

DEIR Advisory Board Email: dirab@acs.org

DEIR Homepage: https://www.acs.org/content/acs/en/membership-and-networks/acs/welcoming/diversity.html
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