Have Questions?

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.

Contact ACS Webinars ® at acswebinars@acs.org
Check out the Edited Recordings!

Hundreds of presentations from the best and brightest minds that chemistry has to offer are available to you on-demand. The edited recordings are 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 possibly overcome your own medication 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 exposed on the amazing side of current hot science topics. Discover the chemistry of rockies, 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](https://www.acs.org/content/acs/en/acs-webinars/videos.html)

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

[www.acs.org/acswebinars](http://www.acs.org/acswebinars)
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 ChemiWorx
- Communicate your science
- Write grant proposals
- Build industry partnerships
- Prepare for a changing employment landscape

http://acsoncampus.acs.org

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Discover ACS PUBLICATIONS

Publishing Resources

Publish.acs.org

CAS SciFinder Future Leaders

171 alumni, 35 countries and over 120 institutions

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- **Industry Matters Newsletter**
  Exclusive interviews with industry leaders and insights to advance your career
  
  Preview & Subscribe: [acs.org/indnews](http://acs.org/indnews)

- ![LinkedIn Logo](http://www.acs.org/covid-19)
  ACS Innovation Hub
  
  Connect, collaborate, and stay informed about the trends leading chemical innovation
  

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ACS Efforts and Resources on COVID-19

- **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.

Browse ACS Resources and Initiatives!

[www.acs.org/covid-19](http://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
- ACS Leadership Development System
- Career Navigator LIVE!
- ChemIDP
- College to Career
- ACS Webinars
- Virtual Classrooms

Visit [www.ACS.org/COVID19-Network](http://www.ACS.org/COVID19-Network) to learn more!

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:
[https://app.suggestionox.com/r/DI_R](https://app.suggestionox.com/r/DI_R)
Diversity@acs.org

@ACSDiversity
acsvoices.podbean.com/

Visit [www.acs.org/diversity](http://www.acs.org/diversity)
Free Upcoming ACS Webinars!

**FINDING YOUR VOICE**
in the Diversity, Equity, and Inclusion Conversation

- **Wednesday, September 9, 2020 at 2:30 PM ET**
- Speaker: Deevee Coleman, Diversity, Equity, and Inclusion Consultant
- Moderator: Paula Christopher, American Chemical Society

**What You Will Learn**
- How to identify the ways that silence allows structural and systemic bias, racism, and discrimination to continue
- How to actively identify ways that they personally can eliminate bias within their own spheres of influence
- How to leverage the framework from the lecture to model inclusive behaviors and challenge oppressive systems

**PLANNING YOUR FINANCIAL FUTURE**
in the Time of COVID

- **Wednesday, September 9, 2020 at 2:30 PM ET**
- Speaker: Steve Macuja, Woodbury Financial Services
- Moderator: Mary Jett Dobson, American Chemical Society

**What You Will Learn**
- Strategies for managing your money during uncertain times
- Ways to navigate the current financial landscape

**FINDING YOUR VOICE**
in the Diversity, Equity, and Inclusion Conversation

- **Thursday, September 10, 2020 at 2:30 PM ET**
- Speaker: Deena McKee, Cenovus Energy, and Brittany Ivey, Rokkien Energy Solutions

**What You Will Learn**
- An overview of current practices and why changes are needed
- Strategies for creating a more inclusive workplace
- How to promote diversity and inclusion in your organization

www.acs.org/acswebinars
This ACS Webinar is co-produced with ACS External Affairs & Communications.

 ACS Public Policy Fellowships

Leila Duman  
Science Policy Fellow, American Chemical Society

Amy Hafez  
Past American Chemical Society Fellow and current NIH-AAAS Science and Technology Policy Fellow

Jasmine Hunt  
Legislative Director, Office of Senator Dick Durbin

Kusai Merchant  
Professional Staff Member, Committee on Appropriations, U.S. House of Representatives

Presentation slides are available now! The edited recording will be made available as soon as possible.  
www.acs.org/acswebinars  
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Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

Were you familiar with the Fellowships before this webinar?

• Yes
• No

* If your answer differs greatly from the choices above tell us in the chat!
This ACS Webinar is co-produced with ACS External Affairs & Communications.

Leila Duman
Science Policy Fellow
American Chemical Society

Fellowship Application Process

www.acs.org/policyfellow

Application Package
- 2 letters of recommendation
- Letter of intent
- Resume
- ACS membership number

Applications open November 15 - January 15
One Science Policy (ACS) and two Congressional Fellowships (ACS/AAAAS) available for the 2021 cycle
Background and Policy Interest

B.A. Chemistry  
Bard College (2014)

Ph.D. Organometallic Chemistry  
University of Maryland (2018)

Science Policy Fellow  
American Chemical Society (2019-21)

ACS Science Policy Fellowship

ACS External Affairs and Communications (EAC), under the Office of the Secretary & General Counsel, maintains a Government Affairs Office:

Public Policy  Legislative Advocacy  Federal Affairs  Member Engagement

The ACS Science Policy Fellow is works in the D.C. office to:
- Provide scientific support for EAC staff
- Track chemistry across the government
- Engage with ACS members and the public on advocacy issues
e.g. On-demand, ACS Chemistry Advocacy Workshop

www.acs.org/chemistryadvocacy

Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

Are you planning on applying to the Public Policy Fellowships:

• This year (2020)
• Next year (2021)
• Further out
• I am not planning on applying

* If your answer differs greatly from the choices above tell us in the chat!
This ACS Webinar is co-produced with ACS External Affairs & Communications.

**Amy Hafez**
Past American Chemical Society Fellow
and current NIH-AAAS Science and Technology Policy Fellow

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**Path to Science Policy**

- **Ph.D. Molecular Genetics and Microbiology**
  Duke University

- **Postdoc. Center for Tobacco Control Research**
  University of California San Francisco

- **2019-20 Congressional Science Policy Fellow**
  American Chemical Society
ACS Congressional Fellowship

- Maternal and Infant Health Disparities
- Antibiotic Resistance
- COVID-19
- Health Equity
- Healthcare

Fellowship Opportunities

- Remarks
- Letters
- Policy
- Communication
- Speeches
- Bills
- District
- State
- Legislation
- Social
- Media
- Oversight
- Stakeholders
- Constituents

That’s Me!
How did you first hear about the Fellowships?

- Former fellow
- Social media
- Different Society
- ACS website

* If your answer differs greatly from the choices above tell us in the chat!
Pre-Fellowship Scientific Career  
(for a one-time aspiring academic)

- **Undergrad** – Cornell University (A.B. 1998)

- **Grad School** – Stanford University (Ph.D. 2004)  
  *Ultrafast nonlinear spectroscopic experiments studying protein dynamics*

- **Post Doc** – National Institutes of Health (2004-2006)  
  *Single molecule studies of protein folding*

Hurricane Katrina – A Call To Public Service

Good government can be good.

Bad government can be catastrophically bad.

The failures we saw in Katrina were the almost inevitable result of decades of bad governance.
ACS Fellowship Year 2007 – Office of Senate Majority Leader Harry Reid (D-NV)

Legislation:

• Enactment of the 2007 energy bill

• Lieberman-Warner cap-and-trade legislation reported by EPW

Everything Else:

• Hearings and Oversight
• Constituent Services
• Communications and Messaging Strategies
• Presidential Politics (4+ Ds, 2Rs)
• Caucus Dynamics
• Stakeholder Engagement

What Came Next

Environmental Defense Fund (2008-2014)

*Climate Change, Clean Air Act, Budget and Appropriations*

Senate – Budget Committee (2014-2017)

*Science, Energy, Environment, Nat. Resources, Ag*

Environment and Public Works Committee (2017-2019)

*Superfund, RCRA, Environmental Justice, Budget and Aprops*

House – Appropriations Committee (2019-present)

*Interior-Environment Subcommittee - EPA*
Lessons I’ve Learned Along the Way

• Politics is fractal.

• Persuasion is everything.

• Expertise and credibility are not the same thing.

• Policymaking happens in a complex ecosystem, and Washington DC is only one habitat.

Jasmine Hunt
Legislative Director,
Office of Senator Dick Durbin
How I Got to This Point

And what I learned along the way

Complex Coacervates

- Interaction of charged polymers
  - Liquid-liquid colloidal phase separation
    - Highly dense polymer phase
    - Aqueous phase

- Underwater Adhesive

Science & Policy

- “Policy for Science” -- i.e. decision making about how to fund or structure the systematic pursuit of knowledge
- “Science for Policy” – i.e. the use of knowledge to assist or improve decision making

Constant interaction between the two –
Global Climate Change

What is it that you do?

- “Serve at the pleasure of the Senator”
  - Staff The Senator at meetings
    - Work well under pressure & quickly convey complex ideas
  - Write and review legislation –
    - Strategic thinking

- Meet with constituents, companies, & agencies –
  - Ultimate test of your 'people skills'

- Networking (without being creepy)
After learning more about the fellowships today, are you more or less interested in applying?

- More
- Less
- Unsure

* If your answer differs greatly from the choices above tell us in the chat! 
Free Upcoming ACS Webinars!

**Finding Your Voice in Diversity, Equity, and Inclusion Conversation**
Wednesday, September 9, 2020 at 2:30pm ET
Speaker: Cecile Coleman, Diversity, Equity, and Inclusion Consultant
Moderator: Paula Christoph, American Chemical Society

What You Will Learn:
- How to identify the ways that silence allows structural and systemic bias, racism, and discrimination to continue
- How to actually identify ways that they personally can dismantle bias within these areas of influence
- How to leverage the framework from the lecture to mobilize inclusive behaviors and challenge oppressive systems.

Co-produced with ACS Department of Diversity Programs and ACS Diversity, Equity, Inclusion & Respect Advisory Board

[www.acs.org/acswebinars](http://www.acs.org/acswebinars)

**Grand Challenges and Opportunities for Greener Alternatives within the Oil and Gas Industry**
Thursday, September 10, 2020 at 2:30pm ET
Speaker: Dave Meyers, OV Energy Solutions and Brian Brany, Rockcliff Energy Solutions

What You Will Learn:
- An overview of current practices and why chemical use is still prevalent
- What are the challenges and opportunities that provide alternatives for more sustainable practices
- How the oil and gas industry collaborates with the ACS Green Chemistry Institute to facilitate commercialization of greener alternatives.

Co-produced with ACS Green Chemistry Institute

**Planning Your Financial Future in the Time of Covid**
Wednesday, September 16, 2020 at 2:30pm ET
Speaker: Marie Petsch, Woodbury Financial Services
Moderator: Mary Beth Dobson, American Chemical Society

What You Will Learn:
- What to consider when revising or updating a will
- How tax law changes may impact your current plans
- How philanthropy may factor into your plans.

Co-produced with ACS Office of Philanthropy

**Additional Resources**

ACS Public Policy Fellowship Information:
[www.acs.org/policyfellow](http://www.acs.org/policyfellow)

Act4Chemistry Legislative Action Network:
[www.acs.org/act4chemistry](http://www.acs.org/act4chemistry)

Chemistry Advocacy Workshop:
[www.acs.org/chemistryadvocacy](http://www.acs.org/chemistryadvocacy)

Alternative Careers in Science:
[https://pubs.acs.org/doi/10.1021/acs.infocus.7e4002](https://pubs.acs.org/doi/10.1021/acs.infocus.7e4002)
Fellowship Application Process

www.acs.org/policyfellow

Application Package
• 2 letters of recommendation
• Letter of intent
• Resume
• ACS membership number

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ACS Public Policy Fellowships

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Free Upcoming ACS Webinars!

**Finding Your Voice in the Diversity, Equity, and Inclusion Conversation**

Wednesday, September 9, 2020 at 2:30pm ET
Speaker: DeWone Coleman, Diversity, Equity, and Inclusion Consultant
Moderator: Paula Christopher, American Chemical Society

**What You Will Learn**
- How to identify the ways that silence allows structural and systemic bias, racism, and discrimination to continue
- How to act on what you identify by taking active steps to work within these areas of influence
- How to engage the framework from the lecture to model inclusive behavior with inclusive systems of influence

Co-produced with: ACS Department of Diversity Programs and ACS Diversity, Equity & Respect Advisory Board

**Register for Event**

**Grand Challenges and Opportunities for Greener Alternatives within the Oil and Gas Industry**

Thursday, September 10, 2020 at 2:30pm ET
Speakers: Steve Murphy, Chen Energy Solutions, and Brian Inay, Richardson Energy Solutions

**What You Will Learn**
- An overview of current practices and oil chemicals are used in these industries
- What are the challenges and opportunities that provide alternatives for more sustainable practices
- How the oil and gas industry collaborates with the ACS Green Chemistry Institute to facilitate commercialization of greener alternatives

Co-produced with: ACS Green Chemistry Institute

**Planning Your Financial Future in the Time of COVID**

Wednesday, September 23, 2020 at 2:30pm ET
Speaker: Steve Murphy, Woodbury Financial Services
Moderator: Mary Jett-Dobson, American Chemical Society

**What You Will Learn**
- What to consider when reading or updating a will
- How factors may impact your current plan
- How philanthropy may factor into your plan

Co-produced with: ACS Office of Philanthropy

www.acs.org/acswebinars