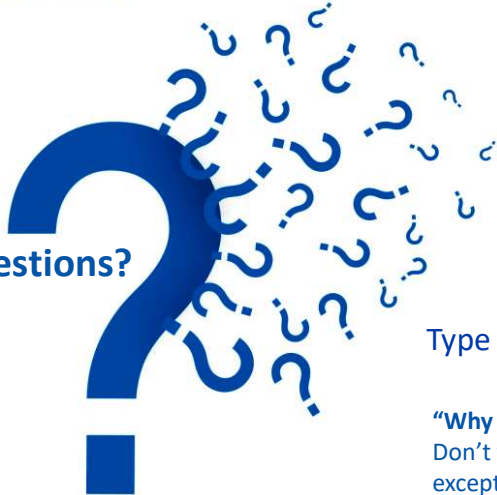



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Have Questions?

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.

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## 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

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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 med chem roadblocks.

### Culinary Chemistry

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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

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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.

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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>

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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>

5

### Advance YOUR CAREER

**ChemIDP™**



ChemIDP.org

### Discover ACS PUBLICATIONS

Publishing Resources







publish.acs.org

### Connect WITH CHEMISTS AND OTHER SCIENCE PROFESSIONALS

CAS SciFinder Future Leaders



171 alumni, 35 countries  
and over 120 institutions

[acsoncampus.acs.org/resources](http://acsoncampus.acs.org/resources)






## From ACS Industry Member Programs

### ◆ Industry Matters Newsletter

Exclusive interviews with industry leaders and insights to advance your career

Preview & Subscribe: [acs.org/indnews](https://acs.org/indnews)



Connect, collaborate, and stay informed about the trends leading chemical innovation

Join: [bit.ly/ACSinnovationhub](https://bit.ly/ACSinnovationhub)



7

## 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](https://www.acs.org/covid-19)

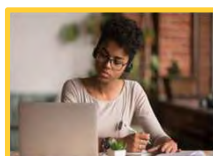
8

## 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



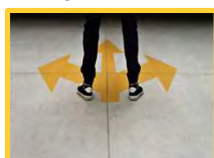
ACS Leadership  
Development System



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!

9

## 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](mailto:Diversity@acs.org)




[acsvoices.podbean.com/](http://acsvoices.podbean.com/)




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

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## Free Upcoming ACS Webinars!



**FINDING YOUR VOICE**  
in the **DIVERSITY, EQUITY,**  
and **INCLUSION CONVERSATION**


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Moderator: Paula Christopher, American Chemical Society

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- How to identify the ways that silence allows structural and systemic bias, racism, and discrimination to continue
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- How to leverage the framework from the lecture to model inclusive behaviors and challenge oppressive systems

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



**GRAND CHALLENGES AND OPPORTUNITIES FOR GREENER ALTERNATIVES**  
**WITHIN THE OIL AND GAS INDUSTRY**


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- How the oil and gas industry collaborates with the ACS Green Chemistry Institute to facilitate commercialization of greener alternatives

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**PLANNING YOUR FINANCIAL FUTURE IN THE TIME OF COVID**  
**WILLS, TAXES & YOUR LEGACY**

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# PUBLIC POLICY FELLOWSHIPS



THIS ACS WEBINAR WILL BEGIN SHORTLY...

12

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### ACS Public Policy Fellowships



**Leila Duman**  
Science Policy Fellow,  
American Chemical Society



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**Jasmine Hunt**  
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## Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

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**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!*

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**Leila Duman**  
Science Policy Fellow,  
American Chemical Society

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## Fellowship Application Process



[www.acs.org/policyfellow](http://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



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16



## 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)



17

## 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** 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



18

## e.g. On-demand, ACS Chemistry Advocacy Workshop



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



19

## 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!*

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**YOU** **ACS PUBLIC POLICY FELLOWSHIPS** **YOU**

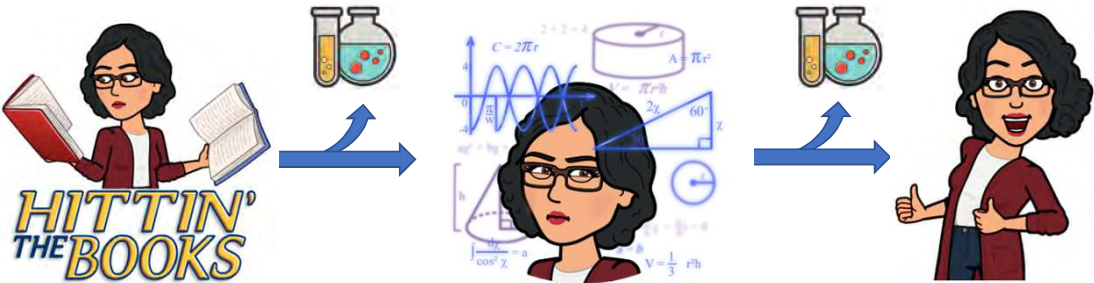


**Amy Hafez**  
Past American Chemical Society Fellow  
and current NIH-AAAS Science and  
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## Path to Science Policy






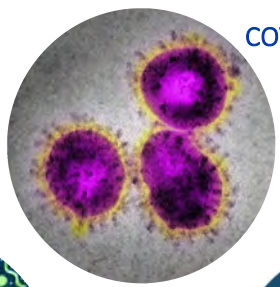

**HITTIN' THE BOOKS**

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




COVID-19

Health Equity


Healthcare

Maternal and Infant Health Disparities

Antibiotic Resistance



## Fellowship Opportunities



That's Me!



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

SEN. JONES

SEN. SMITH

24

## Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



### 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!*

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

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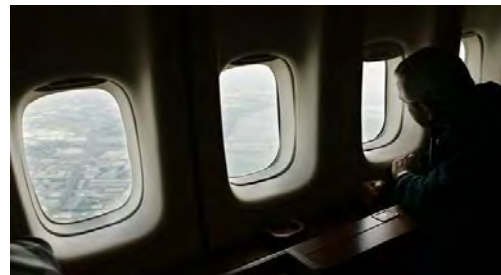
26

## 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

Not Covered in School-house Rock...

## 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 Approps*

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

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## 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



J.H. Waite, et al. *Journal of Adhesion* 2005, 81, 297



## 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)



## Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



**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!*

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### ACS Public Policy Fellowships



**Leila Duman**  
Science Policy Fellow,  
American Chemical Society



**Amy Hafez**  
Past American Chemical Society Fellow and  
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## Free Upcoming ACS Webinars!




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**Speaker:** Desiree Coleman, Diversity, Equity, and Inclusion Consultant  
**Moderator:** Paula Christopher, American Chemical Society

[Register for Free!](#)

**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 dismantle bias within their own spheres of influence
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39



## 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>

40

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*Mike Russell Erik*

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44

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