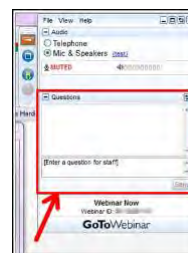


Have Questions?



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

1



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<https://www.linkedin.com/company/american-chemical-society>

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2

Check out the ACS Webinar Library!

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 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 med chem 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 rockets, 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>

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From ACS Industry Member Programs

◆ Industry Matters Newsletter

ACS Member-only weekly newsletter with exclusive interviews with industry leaders and insights to advance your career.

Preview & Subscribe: acs.org/indnews



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

Join: bit.ly/ACSinnovationhub



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



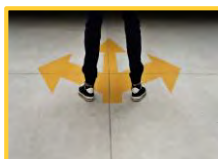
ACS Leadership Development System



Career Navigator LIVE!



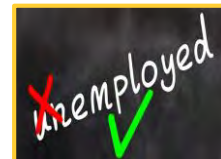
ChemIDP



College to Career



ACS Webinars



Virtual Classrooms

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

7

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.

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ACS Office of Philanthropy
Chemistry for Life®

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A Career Planning Tool For Chemical Scientists



ChemIDP is an Individual Development Plan designed specifically for graduate students and postdoctoral scholars in the chemical sciences. Through immersive, self-paced activities, users explore potential careers, determine specific skills needed for success, and develop plans to achieve professional goals. **ChemIDP** tracks user progress and input, providing tips and strategies to complete goals and guide career exploration.

<https://chemidp.acs.org>

9

ACS Bridge Program



Are you thinking of Grad School?

If you are from an underrepresented racial or ethnic group, we want to empower you to get your graduate degree!

The ACS Bridge Program offers:

- A FREE common application that will highlight your achievements to participating Bridge Departments
- Resources to help write competitive grad school applications and connect you with mentors, students, and industry partners!

Learn more and apply at www.acs.org/bridge

Email us at bridge@acs.org



10

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.

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Designing Bio-Sourced Polymers that Enable Recycling



Date: Thursday, July 1, 2021 @ 2-3pm ET
Speaker: Stefan Mecking, University of Konstanz
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Co-produced with: ACS Division of Polymer Chemistry

Succeeding in a Global Environment Successfully Working Across Cultures



Date: Wednesday, July 7, 2021 @ 2-3pm ET
Speaker: Ramki Subramnian, DowAksa USA
Moderator: Tom Halleran, American Chemical Society

[Register for Free!](#)

What You Will Learn:

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- Why your ability to work effectively across cultures is an important contributor to success
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ACS Office of Government Affairs

Chemistry on Capitol Hill

2021 Emerging Policies



FREE Webinar | **TODAY** at 2pm ET



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ACS
Chemistry for Life®

Chemistry on Capitol Hill: 2021 Emerging Policies



LAUREN POSEY
Government Affairs Manager,
American Chemical Society



CAROLINE TRUPP GIL
Director of Federal Relations,
American Chemical Society



CARL MAXWELL
Advocacy Manager,
American Chemical Society



KAREN GARCIA
Senior Advocacy Specialist,
American Chemical Society

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

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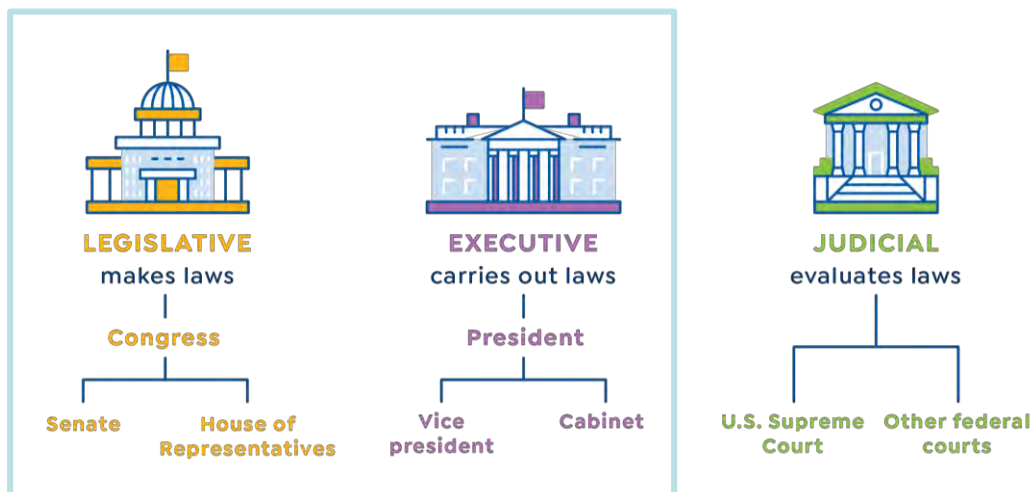
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ACS Government Affairs

Lauren Posey
June 30, 2021

ACS Government Affairs in the U.S. Government



ACS Government Affairs Team



Public Policy

Manages ACS Policy Statement development

Federal Affairs

Engages with federal agencies

Advocacy

Direct lobbying on ACS issues

Member Engagement

Act4Chemistry network

Under the ACS Office of the Secretary & General Counsel

ACS Policy Statement Categories



- Foster Innovation through Research & Technology
- Strengthen Science Education & Scientific Workforce
- Advance Science through Openness
- Promote Science and Sustainability in Public Policy

www.acs.org/policy



Specific Successes



ACS Advocacy Highlights:

- Sustainability

ACS Defensive Advocacy:

- Tax legislation



www.acs.org/advocacy

Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT



Prior to this webinar, how aware were you of ACS' Government Affairs activities?

- Very aware, I keep up with all of their activity
- Somewhat aware, I occasionally hear about their activity
- Minimally aware, I think I've heard of them before
- Not at all aware, this is the first I'm learning about them





Executive Branch Update

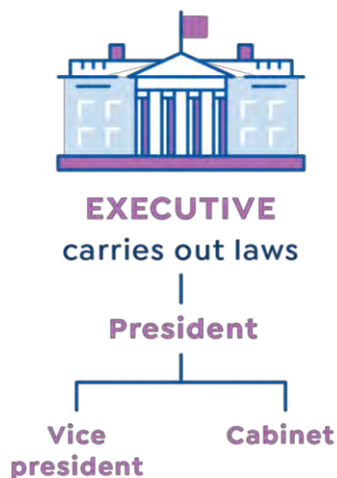
Caroline Trupp Gil
June 30, 2021

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Executive Branch Appointments

Administrations have ~4000 political appointments to make

- Approximately 1200 posts require Senate confirmation
- 81 positions have been confirmed
- 160 are being considered



Executive Branch Appointments



- **Confirmed Appointments of Interest to ACS**
 - **Director of the Office of Science & Technology Policy (OSTP)** – Eric Lander
 - **Administrator of the Environmental Protection Agency (EPA)** – Michael J. Regan
 - **Secretary of Energy** – Jennifer Granholm
 - **Co-Chairs of the President's Council of Advisors on Science & Technology (PCAST)** – Francis Arnold and Maria Zuber

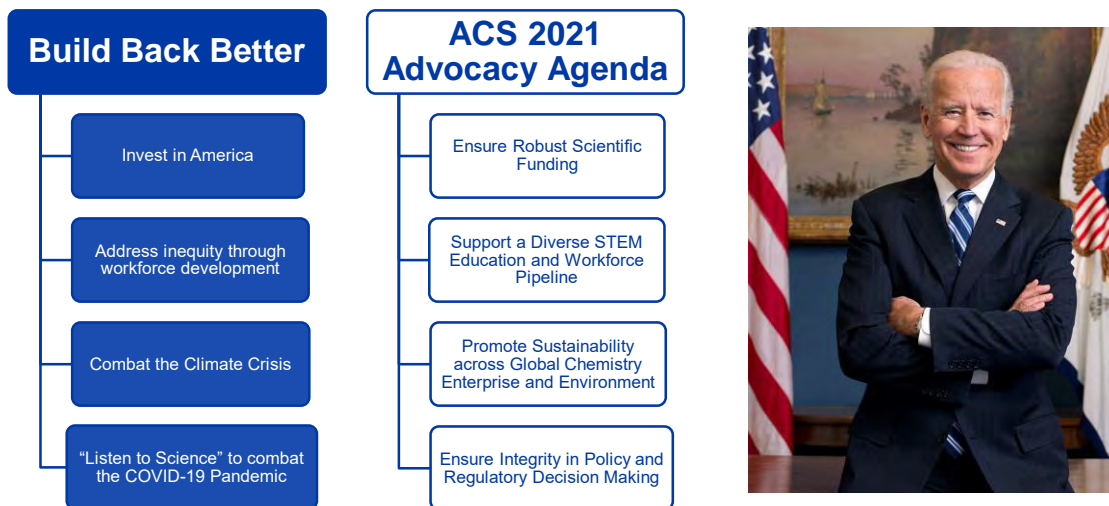


Positions Awaiting Action



- **Awaiting Confirmation**
 - **DOE** - Geraldine Richmond, Undersecretary for Science
 - **DOE** - Asmeret Berhe, Office of Science Director
 - **U.S. Chemical Safety and Hazards Investigation Board (CSB)**
3 nominees: Sylvia Johnson, Steve Owens, Jennifer Sass
- **Outstanding Vacancies**
 - **5th / Final CSB Board Member**
 - **NIST Director** (Undersecretary of Commerce for Standards and Technology)

The Biden Administration Priorities



President's Budget Request



"Don't tell me what you value, show me your budget, and I'll tell you what you value."

- U.S. President Joe Biden

- The Fiscal Year 2022 PBR is the first step of the Budget process and was released on June 2, 2021
- It sets the Administration's priorities for the coming year, but Congress actually sets the budget, which may (or may not) follow the PBR

Fiscal Year 2022 President's Budget Request



Program/Agency	FY2021 (millions)	FY2022 Request (millions)
DOE Office of Science	\$7,026	\$7,440
NIST	\$1,034	\$1,497
NSF Research and Related Activity	\$6,909	\$8,139
ARPA-E	\$427	\$500
ARPA-C	- (newly established)	\$200
NIH	\$42,934	\$51,953

Relevant Administration Priorities



- COVID-Relief
- Climate Change
- Diversity & Racial Equity
- S&T Innovation & Competitiveness
- Sustainability
- Infrastructure

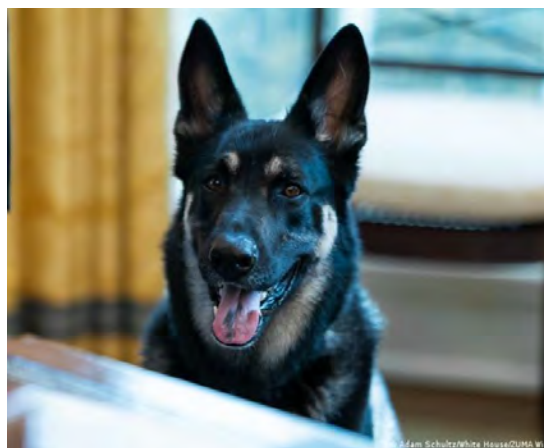


Photo: Adam Schultz/White House/Zuma Wire



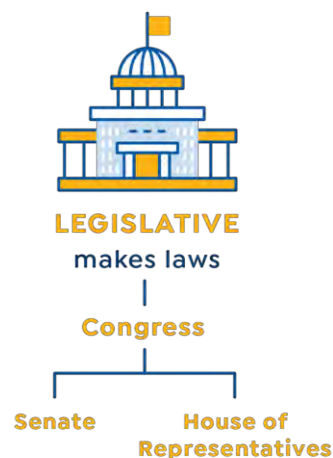
Legislative Branch Update

Carl Maxwell
June 30, 2021

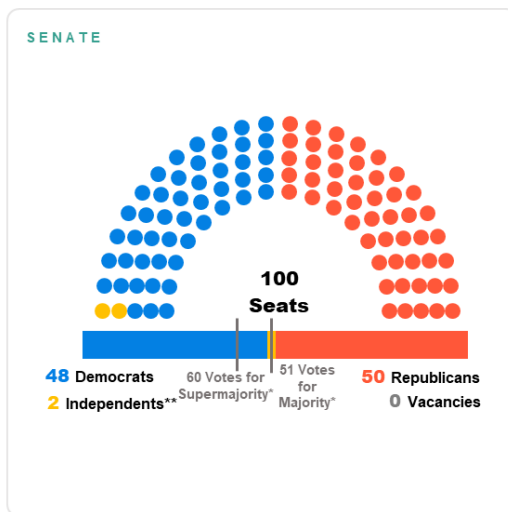
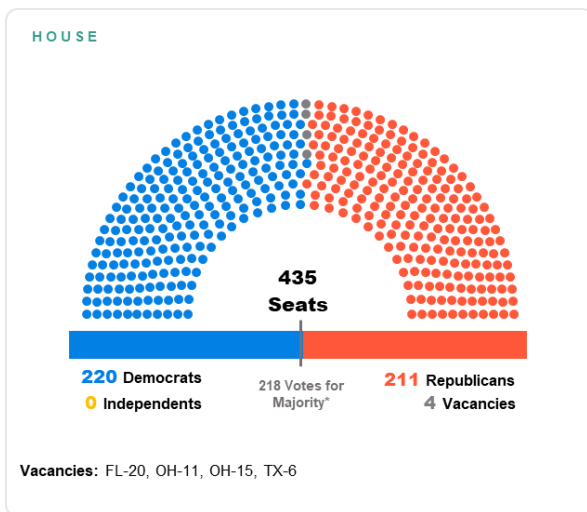
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117th Congress: ACS Advocacy Agenda

- Ensure Robust Scientific Funding
- Support a Diverse STEM Education and Workforce Pipeline
- Promote Sustainability across Global Chemistry Enterprise and Environment
- Ensure Integrity of Science in Policy and Regulatory Decision Making



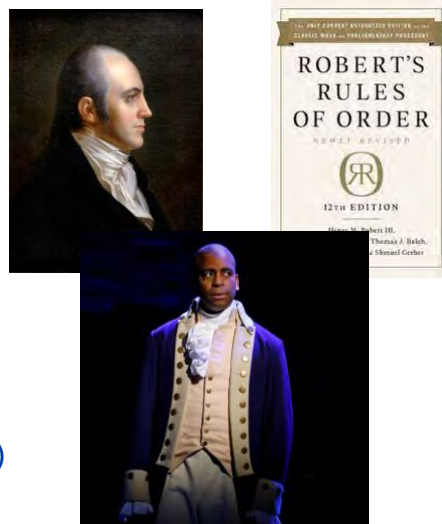
Current U.S. Congress



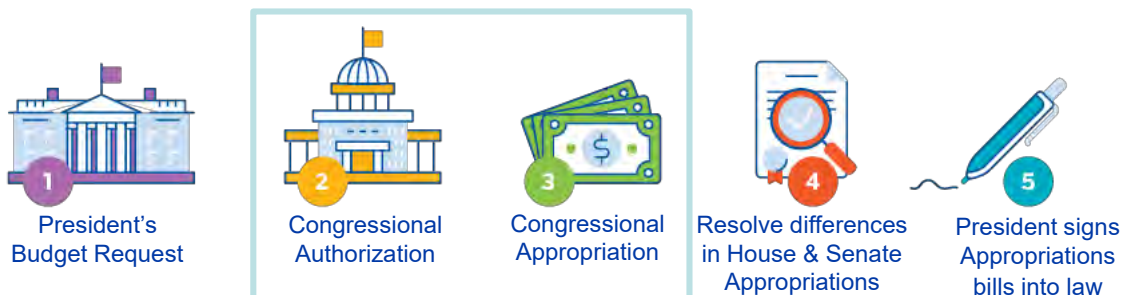
Senate Procedures 101: Why You Should Care



- **Filibuster**
 - ~~Previous question~~
 - Cloture = $3/5 = 60$ votes to end debate
- **Reconciliation**
 - Budget Act of 1974
 - Automatically limits debate to 20 hours
 - Spending or revenue “impact”
 - 51 votes (or 50+VP in case of a 50-50 tie)



The Budget Process: Authorization vs. Appropriation



- Authorization = permission to buy something
- Appropriation = writing the check

Relevant Congressional Activity



- Fiscal Year 2022 budget
- Innovation bills
- Infrastructure
- Sustainability
- STEM Education
- Nominations assembly line



Innovation Authorization Legislation



House

- **NSF for the Future Act**
 - Increases funding by \$2 Billion in 2022
 - Grows NSF at 6% annual rate
 - Establishes Technology Directorate
- **DOE Science for the Future Act**
 - Increases DOE Science from \$7 Billion to \$11 Billion over 5 years
 - Guidance for Facilities & Research
 - Helium Conservation
- **Sustainable Chemistry**
- **ACS Endorsed**

Senate

- **U.S. Innovation and Competitiveness Act**
 - \$81 Billion over 5 years for NSF w/ new Tech Directorate
 - \$50 Billion for Domestic Semiconductor development
 - \$10 Billion for NIST technology hubs
 - Research Security
 - Visa Limitations

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Infrastructure, and What Is It?



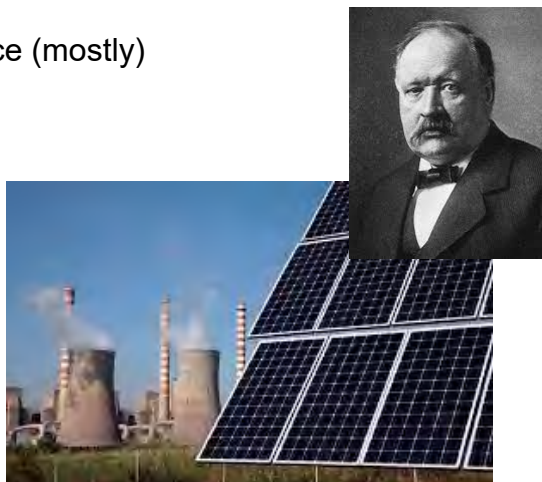
- Highways
- Public transit
- Water/wastewater
- Pedestrian
- Ports and terminals
- Broadband
- Electric grid
- Government buildings
- Senior home care



Sustainability and Climate Change



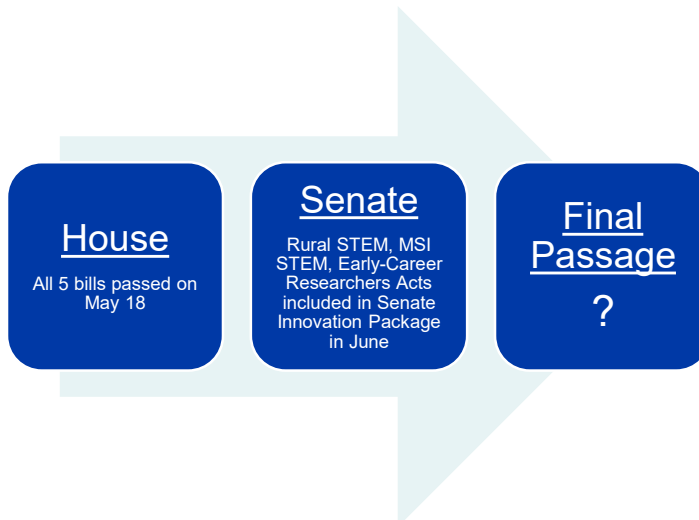
- Acceptance of climate change science (mostly)
- Taxing carbon vs. regulating carbon
- Renewable energy standards
- Plastic waste
 - Research
 - Regulation
 - Waste collection
- Green and sustainable chemistry



STEM Education



- Combating Sexual Harassment in Science Act
- The STEM Opportunities Act
- The MSI STEM Achievement Act
- Rural STEM Education Research Act
- Supporting Early-Career Researchers Act



Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT




Which topic do you think is MOST important for ACS to advocate for?

- Sustainability
- STEM Education
- Research funding
- Climate change
- They are all important – I can't choose just one!



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American Chemical Society



Member Engagement

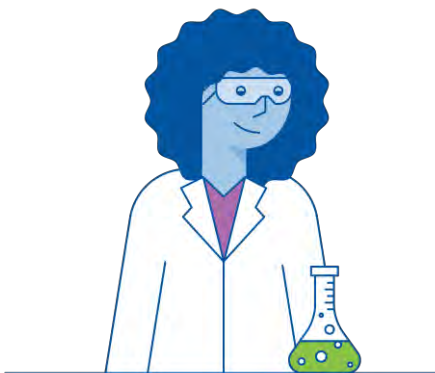
Karen Garcia
June 30, 2021



ACS Needs YOU



- Constituents and scientific experts have the **power** to sway policy
- We dedicate time and resources to:
 - Encourage members to engage
 - Inform members of relevant policies and legislation
 - Make it easy for members to engage



www.acs.org/advocacy

Act4Chemistry Resources



- Find your legislator tool
- Action alerts on relevant legislation
- Letter templates for advocacy via: calling, town halls, scheduling meetings
- And much more!



ACS Chemistry Advocacy Workshop



ACS' free, online, on-demand course provides ~2 h of training in skills, resources, logistics, and communication for federal-level chemistry advocacy.

www.acs.org/chemistryadvocacy

Act4Chemistry Legislative Action Network



- Join 10,000+ members
- An easy way to advocate for chemistry and takes only minutes to join and act!

www.acs.org/act4chemistry



ACS Public Policy Fellowships



Applications open November 15 - January 15

★ www.acs.org/policyfellow ★

Science Policy Fellow

- Works in-house with ACS Government Affairs team

Congressional Fellows

- 2 Fellows embedded in Congressional offices
- Administered by AAAS S&T Fellowship Program

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Chemistry on Capitol Hill

2021 Emerging Policies



FREE Webinar | TODAY at 2pm ET



ASK YOUR QUESTIONS AND MAKE YOUR COMMENTS IN THE QUESTIONS PANEL NOW!

Chemistry on Capitol Hill: 2021 Emerging Policies



LAUREN POSEY
Government Affairs Manager,
American Chemical Society



CAROLINE TRUPP GIL
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Designing Bio-Sourced Polymers that Enable Recycling



Date: Thursday, July 1, 2021 @ 2-3pm ET
Speaker: Stefan Mecking, University of Konstanz
Moderator: Mark Jones, Dow Chemical (retired)

[Register for Free!](#)

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Co-produced with: ACS Division of Polymer Chemistry

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Co-produced with: ACS Careers

Working Together to Design Safer Laboratories



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Mike

Russell

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Katie

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