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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  - View the Collection
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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.

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- ACS Leadership Development System
- Career Navigator LIVE!
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- College to Career
- ACS Webinars
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Upcoming Broadcasts

SYSTEMS THINKING in Chemistry Education
Preparing Global Citizens for a Sustainable Future

What You Will Learn

- What a systems thinking approach looks like in chemistry education: its essential characteristics and the benefits of its use
- How a systems thinking approach differs from and extends upon a context-based approach to chemistry teaching and learning
- How a systems thinking approach can prepare students to become global citizens capable of taking informed action to support planetary sustainability

Co-produced with: ACS Green Chemistry Institute

Thursday, December 10, 2020 at 2:30pm ET
Speakers: MaryKay Orgill, University of Nevada, Las Vegas and Peter Mahaffy, The Kings University, Edmonton
Moderator: David Constable, American Chemical Society

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Audience Survey Question

Answer the question on blue screen in one moment

How interested are you in engaging with your elected officials?

• Not at all interested
• Somewhat interested, but don’t engage
• Interested but don’t know where to start
• Interested and occasionally engage already
• Very interested and engage whenever possible
The 2020 Election: What Happened And What It Means for the Future

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2020 election results
Presidential and congressional races

Results as of November 20, 2020 8:26 AM based on Associated Press data
Roadmap

- Presidency
- Senate
- House

2020 presidential election results

AP DATA AS OF 11/20/2020 8:26 AM
LAST UPDATED 11/24/2020
Clinton vs. Biden margins: key swing states

Presidential election vote margin

Clinton, 2016 ■ Biden, 2020

Clinton vs. Biden margins: most populous counties

Presidential election vote margin

Clinton, 2016 ■ Biden, 2020

Last Updated: 11/24/2020

*Preliminary results

Last Updated: 11/24/2020
Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

Did the results go how you expected?

• No I am shocked
• I am mildly surprised, but made a few accurate predictions
• I’m not surprised, but I didn’t make any predictions
• I was pretty accurate
• Yes, I should become a pundit

Roadmap

• Presidency
• Senate
• House
2020 US Senate results

Democratic Senate candidates vs. Biden margins
Mark Kelly (AZ)

**Background**
Retired US Navy Captain, astronaut, and engineer. Kelly has served his country for over thirty years; successfully campaigned for Senate on gun control and health care policies.

Began career as a naval aviator, flying 39 combat missions in Operation Desert Storm.
Selected as a NASA space shuttle pilot in 1996; has since flown four missions, commanded two, and visited the Space Station four times.
Identical twin brother, Scott, is also an astronaut, making them the only siblings who have travelled to space; involved in NASA Twin Study to research the effects of space on genomes, found changes in Scott’s gut bacteria.
Retired as a US Navy Captain and astronaut in 2011, after his wife, former Rep. Gabby Giffords (D-AZ) was shot in the head and faced a difficult recovery; sparked his gun control advocacy, leading to their founding of Giffords, a gun control advocacy, research, SuperPAC, and lobbying firm that still recognizes Second Amendment rights.

Founded World View Enterprises, a near-space exploration and technology company in 2013.

Advocates for affordable and accessible health care that would protect 2.8 million Arizonans with pre-existing conditions from losing their insurance; campaign platform called for creating more options to introduce competition and reduce costs.

**State Profile**
- **Cook PVI**: R+5
- **Election Results**:
  - **2020 GENERAL**
    - Kelly: 51%
    - McSally: 49%

**Election Results**
2020 GENERAL
Kelly: 51%
McSally: 49%

John Hickenlooper (CO)

**Background**
Former governor, mayor, and brewpub entrepreneur known for practical approach to health, environmental issues, and economic growth.

Grew up in a middle-class family in a suburb of Philadelphia.

After being laid off as a geologist, opened the first brewpub in CO, which helped spark the revitalization of Denver’s Lower Downtown.

While running his brewery, led a grassroots campaign to keep the name of the Denver Mile High stadium, raising his public profile and serving as a primer for his mayoral run.

Two-term mayor of Denver, where he eliminated a $70 million budget deficit and attracted the 2008 Democratic National Convention to Denver.

As governor, helped to spur job creation, oversaw the legalization of recreational marijuana, and signed three major gun control proposals into law.

Supports adding a public health care option and has been vocal on the need to lower prescription drug costs, including through allowing Medicare to negotiate drug prices.

Advocates for a transition to a 100% renewable energy economy, but has opposed bans on fracking.

Briefly ran for the Democratic nomination for president in 2020, running as a coalition-building centrist Democrat, before dropping out and enter the US Senate race, successfully unseating incumbent Cory Gardner (R-CO).

**State Profile**
- **Cook PVI**: D+1
- **Election Results**:
  - **2020 GENERAL**
    - Hickenlooper: 54%
    - Gardner: 46%
Roadmap

- Presidency
- Senate
- House

2020 US House results

<table>
<thead>
<tr>
<th>Democrat hold</th>
<th>Democrat gain</th>
<th>Not yet called</th>
<th>Republican gain</th>
<th>Republican hold</th>
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<tr>
<td>219</td>
<td></td>
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</tr>
</tbody>
</table>

SOURCE Associated Press
AP DATA AS OF 11/20/2020 8:26 AM
LAST UPDATED 11/24/2020
**Trump margins: Miami-Dade county**

<table>
<thead>
<tr>
<th>Presidential election vote margin</th>
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<tbody>
<tr>
<td>2016</td>
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<tr>
<td>-29.4</td>
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</table>

- Last updated: 11/24/2020

**Limited gains for scientists in Congress**

**Spotlight: Potential freshman scientist**

Incumbent Rep. Lee Zeldin (R-NY) vs. Challenger Nancy Goroff (D-NY)

Goroff is a chemistry professor
Zeldin leads with 61.3% of the vote as of Nov. 24

**Spotlight: Incumbent scientist loss**

Incumbent Rep. Joe Cunningham (D-SC)
Environmental engineer
Lost to challenger Nancy Mace (R-SC)

- Last updated: 11/24/2020
Select which of the following are real Congressional Caucuses?
(Select all that apply)

- Congressional Battlefield Caucus
- Congressional High Performance Building Caucus
- Congressional Critical Materials Caucus
- Congressional Chemistry Caucus
- Congressional Hockey Caucus

How is Chemistry Impacted?

- Funding levels
- High level research initiatives like quantum computing or artificial intelligence
- STEM Education
- Energy and Environment Issues
- Many More
How ACS gets involved

• Works with members of Congress on ACS priorities
  – In person meetings
  – Grassroots outreach
• Works with executive branch agencies
  – In person meetings
• Public comments
• Find out more: www.acs.org/policy

ACS comment on an EPA Rule

Chemistry Caucus

• Over 60 members in the House and Senate
• Represent 25 states as of November 2020
• Help ACS host events for Members of Congress – briefings and exhibitions

Current Chemistry Caucus Membership
After this election, how involved do you plan to be in politics?

- Less interested in interacting with my elected officials
- No change in my involvement
- More interested in interacting with my elected officials
- Plan to run for an elected office

What You Can Do

- **Join Act4chemistry**
  - Learn what ACS is advocating on currently
  - Contact your Senators and Representative
  - Find out more about Act4Chemistry: [https://www.acs.org/content/acs/en/policy/memberadvocacy.html](https://www.acs.org/content/acs/en/policy/memberadvocacy.html)

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 Preparing Global Citizens for a Sustainable Future

Thursday, December 10, 2020 at 2:30pm ET
 Speakers: MaryKay Orgill, University of Nevada, Las Vegas and Peter Mainly
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What You Will Learn
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