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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On Sunday, August 1st, 2021, discover how to get a big reaction out of your community for National Chemistry Week!

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ACS Committee on Chemists with Disabilities (CWD)

The CWD committee strives to:

• Ensure that all ACS-sponsored services and programs promote and advance the full participation of students with disabilities;

• Promote opportunities for individuals with disabilities employed in or seeking employment within chemistry and its allied fields, supporting the ACS Strategic Plan;

• Provide and promote a portfolio of programs, products, and services to increase participation and leadership in the chemical community by individuals with disabilities;

• Serve as a resource to the chemistry community as a whole with reference to issues concerning the education and employment of individuals with disabilities.

https://www.acs.org/content/acs/en/about/governance/committees/chemists-with-disabilities.html
Molecules to Manufacturing to Marketplace
3D Printing of Sulfonated Polymers for Controlled Release

Date: Thursday, September 23, 2021 @ 2:00 PM ET
Speakers: Timothy Long, Arizona State University and Michael Borton, Virginia Tech
Moderator: Bryan Tweedy, American Chemical Society

What You Will Learn:
- What is the impact of polyester ionomers and macromolecular architecture on processability and performance of 3D printed structures
- How to leverage rheology for predictive additive manufacturing system design and materials screening
- A snapshot of the topics and concepts captured in the ACS Polymer Chemistry: Principles and Practice short course held at Virginia Tech

Co-produced with ACS Professional Education

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LA MARAVILLA DE LA BIODIVERSIDAD
FLORAL
A TRAVÉS DEL PRisma DE LA CHROMATOGRAFÍA

Fecha: Miércoles, 29 de septiembre @ 2:00 PM ET (1:00 PM CT)
Parlante: Ena Shehata, Universidad Industrial de Santander
Moderadora: Ingrid Morales, Universidad de Puerto Rico, Recinto de Río Piedras y American Chemical Society

Lo Que El Público Aprenderá:
- Juego con la biodiversidad biológica: reunión de via libre diversidad molecular bastante amplia para cuyo estudio son indispensables técnicas de cromatografía de capilares de masas
- Las leyes metálicas se sostienen en espectros de pares importantes para conocimiento la adaptación y la supervivencia de los planteles
- El color de algunas flores está asociado con la capacidad antioxidante de sus colores

Co-producido con Sociedad Química de México y CS&E Engineering News

Who Will Win the #ChemNobel?
Predicting the 2021 Nobel Laureate(s) in Chemistry

Date: Thursday, September 30, 2021 @ 2:00 PM ET
Speakers: Argun Zhou, CRES / Andrea Cevc, University of North Texas / Rigoberto Hernandez, Johns Hopkins University / Frank Leithold, University of North Carolina
Moderator: Laura Hoves, Chemical & Engineering News

What You Will Learn:
- Who are our front-runners for this year’s Nobel Prize in Chemistry and why?
- Big ideas in chemistry that we think should someday win the prize
- Nobel trivia, different division techniques, and much more

Nobel Collection Website: Every October, the Nobel Committee for Chemistry awards the field’s biggest prize. C&EN asks experts for predictions on who will win, covers the annual prize announcement, and examines Nobel trends over the years.

Co-produced with Chemical & Engineering News

ACS Webinars

Service Dogs in Your Chemistry Lab

ACS Office of Diversity, Equity, Inclusion, and Respect
ACS Diversity, Equity, Inclusion, and Respect Advisory Board

FREE Webinar | TODAY at 2pm ET

THIS ACS WEBINAR WILL BEGIN SHORTLY...
This ACS Webinar is co-produced with the Chemists with Disabilities (CWD) Committee, ACS Department of Diversity Programs, and ACS Diversity, Inclusion & Respect Advisory Board.

Service Dogs in Your Chemistry Lab

**PARTHA BASU**  
Chemistry Department Chair and Professor, Indiana University-Purdue University Indianapolis

**JOEY RAMP**  
CEO and Founder, Empower Ability Consulting, LLC

**PATRICIA REDDEN**  
Professor Emerita, Chemistry Department, Saint Peter's University

**ASHLEY NEYBERT**  
Lead Curriculum Design Specialist, Independence Science

Presentation slides available now! Today’s recording will be made available to all registrants for 24 hours before moving to www.acs.org/acswebinars as soon as possible.

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**Audience Survey Question**

**ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT**

**Have you:** (Select all that apply)

- had a student/colleague bring a service dog into the lab
- had a student/colleague bring a service dog into a lecture class
- had experience yourself with a service dog as a partner
- known someone who has/had a service dog
Service Dogs in Your Chemistry Lab

Presentation slides available now! Today's recording will be made available to all registrants for 24 hours before moving to www.acs.org/acswebinars as soon as possible.

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Service Dog Handlers in Science Laboratories
Barriers for Service Dog Handlers in Science

**Non-existent** university service dog policies

Current policies outline **exclusion** of service dogs from laboratory coursework

Administrators and faculty **reluctant or resistant** to allow service dogs to enter laboratory facilities

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**Solutions**

1) **Inclusive laboratory safety policy or guidelines** for service dog handlers

2) Developed with an **informed source** familiar with service dogs in science

3) Service dog **skills checklist** for handlers

4) **Require** service dogs to wear **same personal protective equipment (PPE)** required for student
How would you identify a service dog? (Select all that apply)

- By its breed (Labrador retriever, Golden retriever, German shepherd)
- It will be wearing a cape or harness
- Asking its partner for identification
- Its partner will be visually impaired or use a wheelchair
- Asking its partner why the dog is needed

Americans with Disabilities Act (ADA), Titles II and II, March 15, 2011

- A service dog is allowed to accompany its partner into any public area.
- A public area is an area where members of the public are allowed, even in private businesses.
- Reasonable accommodations must be made to allow the service dog access.

Access can be restricted if:

- The presence of the dog would cause safety or health hazards.
- The dog is not under control.
- The dog is not housebroken.
According to the ADA:

- A service dog must be individually trained to perform a task specifically related to its partner’s disability.

- Its partner may have a physical, intellectual, psychiatric, sensory, or other mental disability.

- The dog does not need certification or identification.

- The dog may be trained by an organization or an individual.

What can you ask to determine if it is a service dog?

- Is the dog required because of a disability?

- What task(s) has the dog been trained to carry out?

For further information about accommodations with a service dog, please contact Dr. Patricia Redden, predden@saintpeters.edu
What are valid reasons for denying access? (Select all that apply)

• Concern about allergies
• Fear of dogs
• Biosecurity or Chemical safety levels
• Dog is wandering, disruptive, or aggressive
• Other (Tell us more in the chat!)

What kind of service dog is right for you?

Ashley Neybert
What’s best for Multiple Disabilities?

• One dog?

• Multiple dogs?

• When/if ever should I bring my dog to the lab?

Audience Survey Question

ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

What are ways to assist with laboratory access for service dog handlers? (Select all that apply)

• Discuss with handler their needs

• Conduct a risk assessment

• Have safe guidelines for service dog access in university-wide service dog policy

• Have a service dog ‘training skills checklist’ available/accessible for the handler
This ACS Webinar is produced with the Chemists with Disabilities (CWD) Committee, ACS Department of Diversity Programs, and ACS Diversity, Inclusion & Respect Advisory Board.

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