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

Benefits of ACS Membership

**Chemical & Engineering News (C&EN)**
The preeminent weekly digital and print news source.

**NEW! ACS SciFinder**
ACS Members receive 25 complimentary SciFinder® research activities per year.

**NEW! ACS Career Navigator**
Your source for leadership development, professional education, career services, and much more.


@AmericanChemicalSociety
@AmerChemSociety
https://www.linkedin.com/company/american-chemical-society

Contact ACS Webinars ® at acswebinars@acs.org
Be a featured fan on an upcoming webinar! Write to us @ acswininars@acs.org

“My favorite take away is ‘Project’s Birth Certificate,’ this summarizes the inception of a project in my mind. It helped me to visualize the beginning of a project and what would be included in the charter or objectives. That birth certificate carries with the project to and beyond the grave.”

**Fan of the Week**

**Bacardo Jackson**  
Principal/Owner, Quality Compliance Solutions, LLC  
ACS member 5 years strong!

https://www.acs.org/content/acs/en/acs-webinars/professional-development/project-management-101.html

---

Check out the Archive!  
*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 Archive is divided into 6 different sections to help you more easily find what you are searching.

**Professional Development**  
[View the Collection](https://www.acs.org/content/acs/en/acs-webinars/videos.html)  
Learn how to write better abstracts, deliver more engaging presentations, and network to your new 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](https://www.acs.org/content/acs/en/acs-webinars/videos.html)  
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](https://www.acs.org/content/acs/en/acs-webinars/videos.html)  
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 insights on how to possibly overcome your own unique roadblocks.

**Culinary Chemistry**  
[View the Collection](https://www.acs.org/content/acs/en/acs-webinars/videos.html)  
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](https://www.acs.org/content/acs/en/acs-webinars/videos.html)  
Feeling burdened by all that molecular weight? Listen to experts expose on the amazing role 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](https://www.acs.org/content/acs/en/acs-webinars/videos.html)  
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.
Learn from the best and brightest minds in chemistry! Hundreds of webinars on diverse topics presented by experts in the chemical sciences and enterprise.

Edited Recordings are an exclusive ACS member benefit and are made available to registrants via an email invitation once the recording has been edited and posted.

Live Broadcasts of ACS Webinars® continue to be available to the general public on Thursdays from 2-3pm ET!

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 ChemWorx
- Communicate your science
- Write grant proposals
- Build industry partnerships
- Prepare for a changing employment landscape

http://acsoncampus.acs.org
An individual development planning tool for you!

https://chemidp.acs.org

From ACS Industry Member Programs

- **Industry Matters Newsletter**
  
  Exclusive interviews with industry leaders and insights to advance your career

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

- **[LinkedIn icon](https://bit.ly/ACSinnovationhub)**
  
  Connect, collaborate, and stay informed about the trends leading chemical innovation

Upcoming ACS Webinars!
www.acs.org/acswebinars

Co-produced with the ACS Graduate & Postdoctoral Scholars Office

**Patents**
CATALYZE Your Career

FREE  |  Thursday, April 9 at 2pm ET  |  ACS Webinars

https://www.acs.org/content/acs/en/acs-webinars/professional-development/patents.html

---

Upcoming ACS Webinars!
www.acs.org/acswebinars

**THE 3D PRINTING REVOLUTION**
Advances in Material Design and Methods

FREE  |  Thursday, April 16 at 2pm ET  |  ACS Webinars

https://www.acs.org/content/acs/en/acs-webinars/technology-innovation/3d-printing-revolution.html
How You Can Improve Global Public Health

Nicole Palmer
Manager, Volunteer Operations, U.S. Pharmacopeia

Kim Huynh-Ba
Chair, Chemical Medicines 4 Expert Committee, U.S. Pharmacopeia

Amjad Anwari
Director-Science, Chemical Medicines & Excipients, U.S. Pharmacopeia

Slides available now! Recording will be made open access as soon as possible.

www.acs.org/acswebinars

This ACS Webinar is co-produced with U.S. Pharmacopeia.
Are you familiar with the work of U.S. Pharmacopeia?

• Very unfamiliar (first time I have heard of it)
• Somewhat familiar (I have heard of the USP in name only)
• Familiar (I am aware of their impact on medicine and standards)
• Very familiar (my organization has collaborated with the USP)
• I have contributed to the USP as an expert, candidate, volunteer or staff member

* If your answer differs greatly from the choices above tell us in the chat!

Welcome: Nicole S. Palmer, MPS

BIO
• 23 years of experience in the communications and technology sector.
• Supports volunteer base comprised of over 1,000 members and government liaisons, which represent 40 countries across the globe.
• Responsible for managing activities within USP Volunteer Operations, including USP’s Council of Experts and Expert Committees, while driving quality improvements throughout the Science Division.
• Began her USP career in 2006 and has led and implemented a number of initiatives to streamline processes throughout the organization.
• Holds a BS in Communications from the University of MD Global Campus, and a Master of Professional Studies in Publishing from George Washington University.

Manager, USP Volunteer Operations
Opening Remarks: Amjad Abdul Anwari, Ph.D.

BIO
- Analytical project leader for NCE as well as generics.
- Extensive pharmaceutical experience in analytical research and development for drug substance and drug products in a cGMP environment.
- Thorough understanding of ICH and FDA guidelines.
- Leads team of Chemical Medicines and Excipients Scientific Liaisons as well as Publications staff, ensuring alignment with the overall program unit and organization’s goals.
- Previously associated with Pfizer, Johnson & Johnson as well as Cipla to work on NDA as well as ANDA projects.
- Holds FDA-approved certificate for chemical testing as well as instrumental testing. Delivered presentation on Extractables & Leachables in Global Public forum like PDA.

Mission
To improve global health through public standards and related programs that help ensure the quality, safety and benefit of medicines and foods
In what year was U.S. Pharmacopeia founded?

- 1901
- 1820
- 1920
- 1949
- 2010

*If your answer differs greatly from the choices above tell us in the chat!
Partnerships drive quality

- **Partners in science**
  - academics, practitioners

- **Partners in industry**
  - R&D companies and generic manufacturers

- **Partners in government**
  - regulatory and health authorities

We work globally

- **USP site with dedicated staff**
  - USP-US
    - Frederick, MD
    - Washington, DC
  - USP-BRAZIL
    - Sao Paulo
  - USP-ETHIOPIA
    - Addis Ababa
  - USP-INDIA
    - Hyderabad
  - USP-CHINA
    - Shanghai
  - USP-SINGAPORE
    - Singapore

- **USP site**
  - USP-GHANA
    - Accra
  - USP-NIGERIA
    - Lagos
  - USP-INDONESIA
    - Jakarta
  - USP-SWITZERLAND
    - Basel
Amy Karren, B.Sc.

- Chair, Chemical Medicines 5 Expert Committee
- Expert Volunteer: 2008–present
For quality standards to be impactful, they must be...

Aligned with
Public health and patient safety priorities

Developed by
Independent experts

Adapted & Improved
For technology and evolution of healthcare

Practical for
- Users of the standard
- Enforcers of the standard

Measured by
Public health impact indicators

Informed by
Real world implications for patients and practitioners

The Breadth of USP’s Work Can Be Seen through the Scope of Our Expert Committees

2020-2025 Council of Experts – Expert Committees
CC3  Nicole - I updated the slide and notes.

Claudia Costabile, 3/23/2020
USP – Public standards

USP standards used in over 140 countries

Go to www.usppf.com to access the PF

Andy Stergachis, Ph.D.

› Chair, Surveillance + Screening Technologies for the Quality Assurance of Medicine
› Expert Volunteer: 2015–present
Central to USP’s achievements are the contributions of countless professionals, who volunteer their time and knowledge in USP’s Council of Experts and Expert Committees and Panels.

Our Call for Candidates is now open. Join other motivated colleagues to help us set the standards that make it possible for 2 billion people around the world to have access to quality medicines, foods and dietary supplements.

Contact us at USPVolunteers@usp.org

**USP 2020-2025 Call for Candidates**

What is the USP Call for Candidates?

- Every five years USP recruits dedicated leaders and healthcare practitioners from science, medicine, industry, and academia to volunteer for the Council of Experts and our Expert Committees.
- Candidates will complete an online application process and be thoroughly vetted by USP staff and elected Expert Committee Chairs.
- Ultimately these volunteers will help develop and update USP standards and contribute to advancing global public health by improving and sustaining healthcare systems around the world.
NSP5  New slide, replaced former Slide 29.
Nicole S. Palmer, 3/27/2020
Applying for the 2020-2025 Call for Candidates? (cont.)

- Select “Apply Now”
  - Volunteer applications are now being accepted for USP’s 2020-2025 cycle. You can start the process now by choosing your areas of expertise and completing your profile.

- Complete your candidate profile
  - Enter basic information
  - Select your areas of expertise
  - Upload your CV/Resume
  - Write a personal statement explaining your interest in becoming a USP volunteer

- Apply for volunteer opportunities
  - 17 different opportunities for Chair and Member positions
  - Website will also recommend positions for which you might be qualified based on your areas of expertise

Need More Information?

To learn more about the 2020-2025 Call for Candidates:

- Visit: https://callforcandidates.usp.org
- Email: USPVolunteers@usp.org
How many countries are represented by USP’s volunteer body?

- Just in the United States
- 5
- 12
- 40
- Every country in the world

* If your answer differs greatly from the choices above tell us in the chat!

What Does a USP Volunteer Do?

- Helps develop and approve USP standards for quality medicines, dietary supplements, and foods
- Serves as an advocate for USP’s mission to improve global public health
- Commits time and effort to participate in Expert Committee activities
  - Engages in robust discussion
  - Considers regulatory framework
  - Challenges constructively
Glaucia Karime Braga, Ph.D.

- Member, USP General Chapters–Packaging + Distribution
- Expert Volunteer: 2015–present

My Experience as a Volunteer: Kim Huynh-Ba, B.Sc.

**BIO**

- 28 years of experience in the quality management system, project management, strategic drug development, and stability sciences
- Executive Director of Pharmalytik
- Adjunct Professor at Temple University-School of Pharmacy, Widener University and Illinois Institute of Technology
- USP Expert volunteer for over a decade, on various volunteer groups
- ACS member for over 25 years; currently Alternate Councilor of the ACS Delaware Section, and has been an ACS instructor for over 10 years, teaching several education courses for ACS National

Chair, Chemical Medicines 4 Expert Committee
My Experience as a Volunteer: Kim Huynh-Ba, B.Sc.

Questions
Upcoming ACS Webinars!

www.acs.org/acswebinars

[Image]

Co-produced with the ACS Graduate & Postdoctoral Scholars Office

Patents

CATALYZE Your Career

FREE | Thursday, April 9 at 2pm ET

https://www.acs.org/content/acs/en/acs-webinars/professional-development/patents.html
How You Can Improve Global Public Health

Nicole Palmer
Manager, Volunteer Operations, U.S. Pharmacopeia

Kim Huynh-Ba
Chair, Chemical Medicines 4 Expert Committee, U.S. Pharmacopeia

Amjad Anwari
Director-Science, Chemical Medicines & Excipients, U.S. Pharmacopeia

Slides available now! Recording will be made open access as soon as possible.

www.acs.org/acswebinars

This ACS Webinar is co-produced with U.S. Pharmacopeia.

"My favorite take away is 'Project’s Birth Certificate,’ this summarizes the inception of a project in my mind. It helped me to visualize the beginning of a project and what would be included in the charter or objectives. That birth certificate carries with the project to and beyond the grave.”

Bacardo Jackson
Principal/Owner, Quality Compliance Solutions, LLC
ACS member 5 years strong!

https://www.acs.org/content/acs/en/acs-webinars/professional-development/project-management-101.html

Be a featured fan on an upcoming webinar! Write to us @ acswebinars@acs.org
ACS Webinars® does not endorse any products or services. The views expressed in this presentation are those of the presenter and do not necessarily reflect the views or policies of the American Chemical Society.

Check out the Archive!
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 Archive 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 new dream job. Brush up on your soft skills and see 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 expand on the amazing role of current hot science topics. Discover the chemistry of robotics, 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