Thank You To Our 2020 Summer Summit Series Sponsors!

Thank You To Our 2020 Business Council and Associate Members!
Let’s Keep The Conversation Going!
#WIGSummerSummit

@WomenInGovernment
@WomenInGovernmentFoundation
@WomenInGovt
Women In Government
Women In Government

Guest Speaker

Karen Camper
Tennessee State Representative
President, National Organization of Black Elected Legislative (N.O.B.E.L.) Women

Women In Government welcomes you to #WIGSummerSummit!

1. All participants are muted through the system.
2. We will have a Q&A period at the end of the presentation, be sure to use the Chat Box feature to ask questions!
3. This virtual round-table event will be recorded and provided on our website once the event is over.

Chlorine Disinfection for Public Health During COVID-19

Featuring:
Mary Ostrowski
Senior Director
American Chemistry Council

#WIGSummerSummit
Chlorine Disinfection for Public Health During COVID-19

Mary F. Ostrowski, M.S.
American Chemistry Council

July 8, 2020

Chlorine Bleach Solutions Destroy Coronavirus (COVID-19 Virus) on Surfaces

Guidance from US Centers for Disease Control and Prevention:

Prepare a bleach solution by mixing ¼ cup bleach per gallon of water (1 minute contact time)

Download the poster at: www.waterandhealth.org/resources/posters/

COVID-19 Bleach Donations

Partners: WIG, USCOM, Governors, Water Engineers for the Americas, Water Quality and Health Council

“This donation is a bright spot in a challenging situation. The organizations in the Puget sound region helped distribute the bleach for use in homeless shelters, congregate living, childcare and use by community service organizations.”

Rep. Cindy Ryu, Seattle, WA

CDC Statement Regarding COVID-19 and Swimming Pools

“There is no evidence that COVID-19 can be spread to humans through the use of pools and hot tubs. Proper operation, maintenance, and disinfection (e.g., with chlorine and bromine) of pools and hot tubs should remove or inactivate the virus that causes COVID-19.”
“Conventional water treatment methods that use filtration and disinfection...should remove or inactivate the virus that causes COVID-19”
1. Perception vs. Reality
2. Understanding Hazard vs. Risk
3. Evaluating and Debunking Myths
4. Challenges and Opportunities

What is Risk?

Perception vs. Reality

Thinking/Feeling Risk

Perception vs. Reality

What is Risk?

High Risk

Low Risk
There is No Such Thing As Risk Free or Chemical Free

- Some amount of risk exists in everything
- Everything is made of chemicals – from the food we eat and the water we drink, to the clothes we wear and the electronics we use.

The Dose Makes The Poison

- Nearly 500 years ago, Swiss physician and chemist Paracelsus expressed the basic principle of toxicology: "All things are poison and nothing is without poison; only the dose makes a thing not a poison."

Any Thing—Even Essential Things Like Water and Oxygen—Can Be Toxic Based on:

- how much of the substance a person is exposed to,
- how they are exposed, and
- for how long.

Hazards Exist in Everything

World Health Organization IARC
Classified - Carcinogenic or Probably Carcinogenic to Humans

Exposure Matters

- Face Masks
- Hand Washing
- Social Distancing

Understanding Hazard vs. Risk

Risk Minimization
Hazard Vs. Risk

Something with the potential to cause harm

The probability that you will be harmed

What’s Your Perception of Water?

Headache
Seizures
Death
Natural
Healthy
Safe

Understanding Actual Risk

Low Hazard
Mild Hazard
High Hazard

Low Exposure
MINIMAL RISK
MILD RISK
MODERATE RISK

Medium Exposure
MILD RISK
MODERATE RISK
SUBSTANTIAL RISK

High Exposure
MODERATE RISK
SUBSTANTIAL RISK
HIGH RISK

Why Having Accurate Information Is Important

PROVIDE
GOVERNMENT
PUBLIC
MANUFACTURERS, IMPORTERS, VALUE CHAIN, USERS
Evaluating and Debunking Myths

Providing Data For Informed Decision-making

- What questions are being asked?
- What is the source of the information?
- Is the information backed by published science?
- What Does the Evidence Tell Us?

What Questions Are Being Asked?

- What Questions Are Being Asked?
- What is the source of the information?

Remember: It Depends
- how much of the substance a person is exposed to,
- how they are exposed, and
- for how long.

Remember: The Dose Makes The Poison

What Is The Source Of The Information?

- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
- SOCIAL MEDIA
- ENVIRONMENTAL PROTECTION AGENCY (EPA)
- NATIONAL INSTITUTE OF HEALTH
- WORLD HEALTH ORGANIZATION
  INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC)
Is Information Backed By Published Science?

Animal Studies
Human Studies
Computer Modeling

What Does the Evidence Tell Us?

Weigh the Scientific Facts
- Relevance
- Confidence
- Adequacy
- Consistency

Challenges and Opportunities

Challenges to Understanding Risk

- Access to Accurate Scientific Information
- Common Nomenclature and Ease of Understanding
- Knowledgeable Scientific Experts
- Divergent Reviews and Evaluations
Opportunities to Improve Understanding of Risk

- Open the Dialogue
- Correct Misconceptions and Misunderstandings
- Simplify and Share the Science Often

Mission:
Deliver business value through exceptional advocacy at all levels of government

QUESTIONS

Record a PSA with WIG in time for National Immunization Awareness Month in August!

You're Invited!

Contact Women In Government today!
Laura Blake, Outreach and Development Manager
lblake@womeningovernment.org

#WIGSummerSummit

July 1, 2020
Newest WIG Podcasts - Listen now!
- "Expanding Access and Opportunity - 50 Years of the ADA"
- "Underrepresented: State Solutions for Non-Visible Disabilities in the Workplace"

WIG Toolkits
- State Strategies to Assist Employees with Mental Health and Substance Use Disorders Stay at Work, Return to Work, and Thrive (Mental Health and Substance Use Disorder)

Learn More - Get Involved!
- 2020 Marks the 50th Anniversary of the Americans with Disabilities Act (ADA)
- Check out the U.S. Dept. of Labor Office of Disability Employment Policy for Technical Assistance Resources, News, and Events