Please plan on attending the Division of Chemical Health and Safety's Technical Program and Workshops in Washington DC, August 2017. We have listed for your consideration our workshops and technical programming. We believe we have put together the best technical program to help you be successful and work safely in your laboratory.
Sunday Sessions  
Walter E. Washington Convention Center, 209C  
**Division of Chemical Health & Safety Awards - Oral**  
Cosponsored by CCS  
Organizers: D. B. Walters  
**1:30:** Opening Remarks.  
**1:35:** Make safety habits by finding your cues, routines, and rewards for safety! R.H. Hill  
**2:00:** Chemical Safety: The state of the arts. M. Rossol  
**2:25:** Stanford’s Laboratory Safety Culture: From Chemistry to the Campus - Part 1: Department of Chemistry Teaching Laboratories. C.T. Cox, S. Chan, M. Dougherty  
**2:35:** Flipped classroom techniques in safety training. R.M. Izzo  
**2:50:** Stanford’s laboratory safety culture - from chemistry to the campus - Part 2: Advancing institutional safety culture throughout the campus. L.M. Gibbs, R. Furr, M. Dougherty  
**3:15:** Closing Remarks.  

**Soft Skills in Training & Interactions - Oral**  
Cosponsored by CCS  
Organizers: R. M. Izzo  
**3:30:** Opening Remarks.  
**3:35:** Elements of Leveraging Soft Skills. K. Angjelo  
**3:55:** Be Prepared - Things to do before EHS interactions with lab. R.M. Izzo  
**4:20:** Developing and Maintaining Relationships with Research: Who, How, and Why? B.S. Chance  
**4:45:** Supporting development of chemical risk assessment skills. R. Stuart  

Monday Sessions  
Cannabis Processing: Innovations & Legal Protections - Oral  
Walter E. Washington Convention Center, 209C  
Cosponsored by CCS  
Financially supported by CANN  
Organizer & Presiding: J. Marcu, E.M. Pryor  
**1:30:** Introductory Remarks.  
**1:40:** Purification strategies for removing undesirable natural components and contaminants from cannabis extracts. M.J. Wilcox, J. Marcu  
**2:05:** Traditional cannabis processing: Protecting indigenous knowledge. K.S. Hylton  
**2:30:** Cannabis data: Analysis to analytics. S. Sguera  
**2:55:** Intermission.  
**3:10:** Cannabis Grow Facilities: Identification of Hazardous Wastes found at a Cannabis Grow Facility; the problem and a proposed solution for Environmental Health Departments. D. Keenan  
**3:35:** Terpenes and terpenoids of cannabis: A medical review. M. Troiani  
**4:00:** Streamlining Extraction and Formulation for Customized Cannabis Concentrates. M. Roggen  
**4:25:** Panel Discussion.  
**4:35:** Concluding Remarks.  

Tuesday Sessions  
Walter E. Washington Convention Center, 209C  
**Chemophobia: Communicating Chemistry - Oral**  
Cosponsored by CCS  
Organizer: R. Stuart, E. Sweet  
**8:00:** Introductory Remarks.  
**8:05:** Chemicals: The good, the bad, and the ugly. S.B. Sigmann  
**8:35:** The good, the bad and the uncertain: Public perception of the chemical enterprise. M.E. Jones  
**9:05:** Role Communications play in Laboratory Safety. S. Morrissey  
**9:35:** Developing design principles for ‘lesson learned’ laboratory safety videos. H. Weizman  
**10:05:** Intermission.  
**10:15:** It’s no accident that many journalists don’t write clearly about lab safety incidents. B. Benderly  
**10:45:** Hazmat event reporting in the media. R. Stuart 11:15: Risk Communication for the Non-Chemist (and Chemist). R.M. Izzo, K. Angjelo, S. Elwood  
**11:45:** Panel Discussion.  

**Break**  

**Building a Safety Culture Across the Chemical Enterprise - Oral**  
Cosponsored by CCS  
Organizer: J. Palmer, J. M. Pickel  
**1:30:** Introductory Remarks.  
**1:35:** Challenges and opportunities of building and promoting safety culture with a federal agency. R. Meidl  
**2:00:** How can we build sustainable safety culture: Safety training vs Safety education? N. Bharti  
**2:25:** Challenges and Rewards in Enforcing Laboratory Safety and Training - First Year on the Job. R. Malaisamy  
**2:50:** Safety guidelines for the chemistry professional. K.P. Fivizzani  
**3:15:** Intermission.  
**3:30:** Partnering with faculty and staff towards improved safety culture. S. Elwood, R.M. Izzo, K. Angjelo  
**3:55:** Development and implementation of a researcher oriented-chemical-safety support program at a 1st tier academic research institution. J.G. Palmer  
**4:20:** Establishing a sustainable safety culture in academic research labs. K.A. Miller  
**4:45:** Concluding Remarks.  

Wednesday Sessions  
Walter E. Washington Convention Center, 209C  
**Building a Safety Culture Across the Chemical Enterprise - Oral**  
Cosponsored by CCS & PROF  
Organizers: J. Palmer, J. M. Pickel  
**8:30:** Introductory Remarks.  
**8:35:** Safe Operating Cards (SOCs): Open Communication Helps Best Practices from Industry Move to Academia. A.J. Miller, I. Tomk, C.L. Pitman  
**9:00:** GHS Information Integration in PubChem. J. Zhang, P. Thiessen, A. Gindulyte, E. Bolton  
**9:25:** Pharmaceutical Industry Best Practices in Lessons Learned: ELN implementation of Merck’s Reaction Review Policy. R.A. Sayle, J.W. May  

**Emerging Trends in Research Operations - Oral**  
Cosponsored by CCS  
Organizer: J. M. Pickel  
Organizer & Presiding: C. D. Incarvito  
**10:00:** Introductory Remarks.  
**10:05:** Framingham State University – Science Building. J. Blount  
**10:30:** Safe and appropriate application of filtered fume hoods. K. Crooks  
**10:55:** iLab operating software materials management. C. Lopes  
**11:20:** Monitoring VOCs Within Flammable Liquid Chemical Storage Cabinets for Laboratory Safety. A.E. Norton, K. Brown, W.B. Connick, A. Doepke, F. Nourain  
**11:45:** Concluding Remarks.  

**Break**  

**1:30:** Introductory Remarks.  
**1:35:** Multidisciplinary research institutes and the challenges they bring. S. Elwood, R.M. Izzo, K. Angjelo  
**2:00:** Convergence of Research Operations and Safety: A mutually beneficial partnership K. Heard  
**2:25:** Role of the EHS Professional in Laboratory Design. M.B. Koza  
**2:30:** Taking safety management to the next level: Moving from assumptions to reality. S. Schwartz-Hinds, N. Watson  
**3:15:** Intermission.  
**3:30:** Designing and operating facilities to support the safe conduct of research activities. J.M. Pickel, K.B. Jeskie  
**3:55:** Personal chemical exposure sensor with indoor positioning and robotics for laboratory safety. K. Brown, A. Brandes, A.E. Norton, P.B. Shaw, D.T. Neu, R. Voorhees  
**4:20:** Hydrogen gas lab servers provide many advantages to laboratory operations. J. Speranza  
**4:45:** Achieving a Balance Between Expansion and Cost Control – Yale University West Campus Research Operations. C.D. Incarvito