

TECHNICAL PROGRAMMING

Sunday, PM Session

Downtown Marriott Independence III

Division of Chemical Health and Safety Awards

Cosponsored by CCS and CHED Presiding:

D.M. Decker

1:30: Introductory Remarks.

1:35: Evolutions of the Collaboration between the Safety Office and the Department of Chemistry at Duke University. **W. Thomann**

2:05: Establishing a Safety Culture in a New Research Lab: Communication, Repetition, and Accountability. **B. Morgan**, A.E. Hargrove

2:35: Safety in Undergraduate Chemistry: It Takes the Whole Department. **T.E. Woerner**, S.W. Baldwin, P. McMillan

3:05: Reflections of a career: Where you end up when you don't know where you are going. **S. B. Sigmann**

3:35: Past, present and yet to be achieved: A personal chemical safety journey by a synthetic chemist. **L.H. Latimer**

4:05: Concluding Remarks.

Monday, PM Session

Marriott Downtown Grd Blrm Salon K

Americans with Disabilities Act and Accommodations in the Laboratory

Cosponsored by CCS

Organizer & Presiding: C. Sweet, E. Sweet

1:30: Introductory Remarks.

1:35 . Overview of the Federal regulations that require physical accessibility in labs & the "Building Blocks of Accessibility" that apply in lab settings. **J. Perry**

1:55 . Special Health and Safety Considerations for Persons with Disabilities Who Work in Scientific Research, Testing, or Teaching Laboratories. **J. Baum**

2:15 . Accommodations and Modifications in Postsecondary Education for Students with Disabilities. **J. Zesski**

2:35 . Americans with Disabilities Act, Technical Assistance Centers: Who we are and what we do. **C. Sweet**

2:55 Intermission.

3:10 . Adapting Undergraduate Chemistry Laboratories for Students with Disabilities: Institutional Responsibilities and Practices. **S.M. Kennedy, J. Boval**

3:30 . Accommodations for Laboratory Students with Low Vision. **S.M. Kennedy, J. Boval**

3:50 . Brief overview of service animals under the Americans with Disabilities Act. **C. Sweet**

4:10 Closing Remarks.

DivCHAS Executive Committee Mtg.

Sunday, Aug, 21, 8:00 to Noon

Marriott Downtown, Grd Blrm Salon C

Committee on Chemical Safety

Monday August 22, 7:00 AM - Noon

Marriott Downtown – Franklin 1/2

Wine and Cheese Reception

Monday Evening, August 22nd

5 - 7 PM

Philadelphia History Museum

At the Atwater Kent

15 South 7th St., Philadelphia

Sponsored by:

Workrite Corp.

Chem Service, Inc.

WC Environmental, LLC

Midwest Chemical Safety

WORKSHOPS

All workshops are at the Pennsylvania Convention Center

Fri. Aug. 19th (8:30 AM to 4:00 PM)

Laboratory Waste Management

Room 123

Sat. Aug. 20th (8:30 AM to 4:00 PM)

How to be a More Effective Chemical Hygiene Officer

Room 123

Chemical Reactivity Hazards: Laboratory Scale Recognition & Control

Room 124

Coffee is available at 8:00 AM

One hour (no host) lunch break.

252nd ACS National Meeting & Exposition Philadelphia, PA August 21-25, 2016

DIVISION OF CHEMICAL HEALTH AND SAFETY

Debbie Decker,
Frankie Wood-Black,
& Joseph Pickel
Program Chairs

Please plan on attending the Division of Chemical Health and Safety's Technical Program and Workshops in Philadelphia in 2016. 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.

Monday, Sci-Mix

Convention Center, Halls D/E

Cosponsored by CCS

Organizer: J. Pickel

8:00 - 10:00 PM

Posters presented are the same as those presented at Tuesday morning's poster session.

Tuesday, AM Session

Marriott Downtown Grd Blrm Salon K/L

Ask Dr. Safety: Chemical Security in Research Institutions

Cosponsored by CCS and I&EC

Organizing & Presiding: H. J. Elston, N. R. Langerman

8:30: Introductory Remarks.

8:35: Laboratory Coats for the 21st Century. **J.M. Spruell**

8:55: Navigating CFATS in Academia. **R.M. Izzo**

9:15: Addressing Chemical Security Concerns for a Research Institution. **M.B. Koza**

9:35: Ask Dr. Safety: Chemical security in research institutions. **N.R. Langerman**, H.J. Elston

10:05: Concluding Remarks.

Tuesday, PM Session

Chemical Safety in the K-12 Classroom-Oral

Cosponsored by CCS

Organizing & Presiding: J. M. Pickel, D. M. Decker

1:30 Introductory Remarks.

1:35 . Challenges and Opportunities affecting safety in the k-12 classroom. **L.M. Stroud**

2:00 . Incorporating basic chemical hygiene concepts into the secondary education methods course for pre-service science teachers. **S.B. Sigmann**

2:25 . Revising CHED's "Minimum Safety Guidelines for Chemical Demonstrations". I.G. Cesa, D.C. Finster, S.B. Sigmann, **M.R. Wilhelm**

2:50 . Practical approach to NFPA 45. **R. Stuart**

3:15 Intermission.

3:30 . Enhancing safety in a chemistry high school classroom: ACS Science Coach approach.. **Y.I. Gonzalez**

3:55 . Challenges and opportunities affecting safety in the K-12 classroom. **D. Krone**

4:20 . Challenges and Opportunities affecting Safety in the K-12 Classroom. **S. Hawkins**

4:45 Panel Discussion.

Tuesday, AM Poster Session

Safety and Ethics in our Chemical Community

Cosponsored by CCS

Presiding: D. M. Decker, N. R. Langerman

10:30 - Noon

- Division of Chemical Health and Safety Information Poster. **J.M. Pickel**
- Building the Cannabis Chemistry (CANN) Subdivision at the ACS: Sowing the Seeds of Change. **E.M. Pryor**, J. Marcu, M.J. Wilcox, E.L. Oltermann
- Vacuum System (VS) and Schlenk Line (SL) Safety. **T. Chandra**
- 3D Printing hazards enjoy operating 3D in a safe and environmentally friendly Way!. **P.J. Mulrooneyz**
- Compliance versus Commitment: An Undergraduate's Perspective on Safe Practice in the Research Lab. **N.K. Fredstrom**, S.R. Hitchcock, G.M. Ferrence
- Establishing a Safety Culture in a New Research Lab: Communication, Repetition, and Accountability. **B. Morgan**, A.E. Hargrove
- Empowering graduate students to lead a culture of safety: Developing a peer-education chemical safety training workshop. **C.J. Siburt**, D. Besse, M.G. Glesner, B. Krzyzanowska, P. McMillan, B. Morgan, T.E. Woerner, Y. Xu
- Laboratory incidents in the University of Sonora: students' perspective. **C.R. Alvarez Chavez**,
- R. Ruiz-Talavera, L. Marín-Ramírez, F. Muñoz-Osuna, R. Perez-Rios, A. Zavala-Reyna, M. Arce-Corrales
- Risk Perception in Laboratory Students of the University of Sonora. C.R. Alvarez Chavez, **K. Pérez-Gómez**, F. Muñoz-Osuna, L. Marín-Ramírez, L. Velazquez-Contreras, J. Esquer-Peralta
- Re-organizing the CPT undergraduate guidelines to elevate the status of safety and ethics in the chemistry curriculum. **D.C. Finster**
- Incorporating chemical safety and security into the undergraduate curriculum. **U.J. Williams**
- Understanding current practices in safety education in chemistry departments – A survey. **R. Stuart**, E. Sweet, S.B. Sigmann, L. McEwen, R.H. Hill
- You have 5 minutes with your elected representative. What would you ask him or her to do related to safety? **F.K. Wood-Black**
- Good Neighbors – What does it take to be a good neighbor? **F.K. Wood-Black**
- What's in a code of conduct? **F.K. Wood-Black**
- Safety surveys of the chemistry community. **R. Stuart**, L. McEwen, E. Sweet
- Establishing a safe workplace culture: Teaching and modeling behavior. **M.A. Thomson**
- Safety and ethics in ACS and major engineering societies: A gap analysis. **D.R. Kuespert**
- Your thoughts on incorporating SAFETY and ETHICS into ACS Core Value Operations. **N.R. Langerman**

Wednesday, AM Session

Marriott Downtown Grd Blrm Salon K

Chemical Safety in Public Policy

Organizers & Presiding: R. Stuart, E. Sweet

8:30: Introductory Remarks.

8:40: Sustainable chemistry and public policy. **R.J. Garant**

9:00: Evaluating Risks – Understanding multiple perspectives. **F.K. Wood-Black**

9:20: What you need to know about TSCA reform. **A.M. Noce**

9:40: California's Safer Consumer Products Program: Asking the Questions. **A. Doherty**

10:00: Intermission.

10:10: Some government relation lessons from the development of Subpart K. **R. Stuart**

10:30: Influence of litigation on corporate behavior. **N.R. Langerman**

10:50: Safety policies of peer-reviewed journals. L. Grabowski, **S.R. Goode**

11:10: Public policy statements advising policymakers and regulators. **K.P. Fivizzani**

11:30: Panel Discussion

Wednesday, PM Session

Biochemistry of Cannabis

Cosponsored by CCS & SCHB

Organizer & Presiding: J. Marcu

1:30: Introductory Remarks.

1:40: Pennsylvania's hemp and cannabis history. **L. Stark**

2:00: Cannabis and public health. **J.T. Bennett, M. Latshaw**

2:20: SB3: medical cannabis legislation in Pennsylvania & addressing the public health concerns. **M. Folmer**

2:40: Patient focused certification (PFC): quality standards of cannabis products for medical use. **J. Marcu**, S. Sherer, P. Kubu, K. Nevedal

3:00: Chemotypic and quality control analysis of the California medical cannabis market. **J. Wurzer**

3:20: Intermission

3:40: Biochemical considerations in cannabis therapeutics. **E. Russo**.

4:00: Cannabinoid receptors: nomenclature & pharmacological principles. **L. Console-Braun**, J. Marcu, M. Abood.

4:20: Can you pass the acid test? Critical review nad novel therapeutic perspectives of tetrahydrocannabinolic acid-A (THCA-A). **G. Moreno-Sanz**

4:40: Hydrogenated cannabis oil. **M. Scialdone**.

5:00: Cannabis Chemistry Subdivision (CANN): connecting cannabis chemists/scientists and creating opportunities. **E.M. Pryor**, M.J. Wilcox, E. Marie, H. Despres

5:20: Concluding Remarks