

## Sunday AM Session

### *Safety Across the Chemical Disciplines*

09:00am - 11:40pm

**Daniel Kuespert, Marta Gmurczyk Organizers**

9:00-9:05 AM Introductory Remarks

9:05-9:30 AM Blueprint thinking to build sustainable solutions on the solid foundation of safety, *Kalyani Martinelango*

9:30 – 9:55 AM Hazard Identification and mitigation in a multidisciplinary industrial research environment. *George Athens*

9:55 – 10:20 AM Safety in the catalysis research lab. *Mark Bachrach*

10:20-10:45 AM Risk, safety and troublesome territoriality: Bridging interdisciplinary divides. *John Palmer*

10:45 – 11:10 AM – Risk-based safety education fosters sustainable chemistry education. *Georgia Arbuckle-Keil*.

11:10 - 11:40 AM Panel Discussion (featuring Diane Grob Schmidt)

## Sunday PM Session

### **CHAS Awards Symposium**

02:00pm - 04:05pm

**Brandon Chance Organizer**

2:00-2:25 PM Introductory Remarks and Awards

2:25-2:50 PM Interdepartmental initiatives to improving campus chemical safety. *Luis Bartha Rosa*

2:50-3:15 PM Building and sustaining a culture of safety via ground-up approaches. *Quinton Bruch*

3:15-3:40 PM Safety net: Lessons in sharing safe laboratory practices. *Alexander Miller*

3:40-4:05 PM Governing green labs: Assembling safety at the lab bench. *Susan Silbey*

**All Technical Sessions will be presented in Dusable CC21 Hyatt Regency McCormick Place All time are Central**

### Division Open Business Meeting

Date: Monday, 8/22/22

Time: 12:00 Noon-2:00 PM

Location: Hyatt Regency McCormick in the Hyde Park B/ CC 11B

### Committee on Chemical Safety

Date: Sunday, 8/21/22

Time: 8:00AM-10:00AM

Location: Sheraton Ballroom IV  
Sheraton Grand Chicago

### Social Events

#### **CHAS/BMGT Networking Social**

Date: Sunday, August 21st

Time: 6:00PM-9:00 PM

Location: Motor Row Brewing  
Venue Overdrive  
2337 S. Michigan Ave  
Chicago, IL

#### → **CHAS, SCHB, BMGT Industry Networking Reception**

Date: Monday, August 22

Time: 6:30-8:00 PM

Location: Sheraton Grand Chicago  
Sheraton Ballroom I/II



## ACS Fall 2022 *Sustainability in a Changing World* Meeting & Exposition

Chicago, IL

August 21-25, 2022



## DIVISION OF CHEMICAL HEALTH AND SAFETY

Debbie Decker

& Joe Pickel

**Program Chairs**

Please plan on attending the Division of Chemical Health and Safety's Technical Program in Chicago, August 2022 – presented both in-person and virtually. We have listed for your consideration our technical programming, meeting, and events schedule. We believe we have put together the best technical program to help you be successful and work safely in your laboratory.

## Monday AM Session

### *Indicators of Success in Safety Cultures*

09:00am - 11:45am

#### **Ralph Stuart Organizer/Presider**

09:00am - 09:05am Introductory Remarks

09:05am - 09:30am Indicators of success in a safety culture *Ralph Stuart*

09:30am - 09:55am What's in a name? Mapping the variability in lab safety representative positions. *Sarah Zinn,*

09:55am - 10:20am Supporting high school educators with a chemical hygiene officer.

*Kevin Doyle*

10:20am - 10:30am Intermission

10:30am - 10:55am Factors for improving a laboratory safety coordinator program *Kali Miller*

10:55am - 11:20am Empowering student-led organizations to create effective safety policies *Angie Tse*

11:20am - 11:45am Quantative and Qualitative indicators of safety culture evolution by the joint safety team. *Demetra Adratas*

## Monday PM Sessions

### **General Papers**

2:00PM-5:35PM

#### **Debbie Decker/Joe Pickel, Organizers/Presiders**

2:00pm – 2:05pm Introductory remarks

2:05pm – 2:30pm Case studies and chemical safety improvements. *Sandra Keyser*

2:30pm – 2:55pm Storytelling is an art in building a “safety first” culture. *Irene Cesa*

2:55pm-3:20pm Vertical safety engagement through new community connections committee of the UMN joint safety team. *Vilma Brandao et al.*

3:20pm-3:45pm Health and safety information integration: GHS 2021 version 9 in PubChem.

*Jian Zhang*

3:45-3:55 Intermission

## Monday PM Session (continued)

3:55pm-4:20pm Laboratory databases:

Applications in safety programming. *Magdalena Andrzejewska*

4:20pm-4:45pm Boundary conditions – designing and operating laboratory access controls for safety.

*Joe Pickel*

4:45pm – 5:10pm Health risk of natural radioactivity and trace metals in shaving powder.

*Akinsehinwa Akinlua*

5:10pm - 5:35pm Field-portable colorimetric method for the measurement of peracetic acid vapors. *Angela Stastny*

## Tuesday AM Session

### **EHS Leadership and Diversity**

08:40-11:50 AM

#### **Mary Beth Koza Organizer/Presider**

8:40am – 08:45am Introductory remarks.

8:45am – 9:10am Remember: No matter where you go, there you are. *Samuella Sigmann*

9:10am-9:35am What is your safety role? An introduction to structured safety programs. *Mary Heuges*

9:35am-10:00am Safety leadership and organizational design *Mary Koza*

10:00am-10:25am Chemical Safety in the ACS Chicago Section *Kenneth Fivizzani*

10:25am-10:35am Intermission

10:35am-11:00am Workplace safety needs diversity to endure that everyone is safe *Frankie Wood-Black*

11:00am-11:25am Improving researcher safety: Activities of the University of California center for laboratory safety *Imke Schroeder*

11:25am-11:50am Circadian rhythms based safety for managing the risks of human factor manifestation. *Amir Kuat*

## Tuesday PM Sessions

### **Cannabis Chemistry Subdivision Technical Programming**

#### **Latest Developments in Cannabis Science and Sustainability**

2:00pm-4:40pm

*Kyle Bolar, Amber Wise, Organizers/Presiders*

## Wednesday Sessions

### **Cannabis Chemistry Subdivision Technical Programming**

#### **Blazing Trails: Cannabis Chemistry in Post- secondary Education**

08:00am - 11:45am and 2:00pm-4:40pm

*Amber Wise, Brandon Canfield, Organizers  
Brandon Canfield, Presider*

## Thursday Session

### **Cannabis Chemistry Subdivision Technical Programming**

#### **Latest Developments in Cannabis Science and Sustainability**

08:00am-11:35am

*Amber Wise, Kyle Bolar, Organizers/Presiders*

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in the Hyatt Regency McCormick Place,  
Dusable/CC21**

**All times are Central Time**