DIVISION OF CHEMICAL HEALTH AND SAFETY

About US
DCHAS is a technical division of the American Chemical Society. We have about 1500 members and very active in partnering with other technical divisions and committees of the ACS, as well as sister organizations outside the ACS. We are also the parent division of the ACS Cannabis Subdivision.

Vision Statement
Improving people’s lives through the power of best chemical health and safety practices.

Mission Statement
The ACS Division of Chemical Health and Safety provides authoritative technical resources and mentorship in chemical health and safety for all.

EXECUTIVE COMMITTEE MEETINGS
SUNDAY MORNING
By Zoom
10:00 AM – 12:00 PM PDT
Division of Chemical Health and Safety (CHAS) Executive Committee Meeting
Join by Zoom at: https://princeton.zoom.us/j/6512165169

DIVISION OF CHEMICAL HEALTH AND SAFETY

Debbie Decker & Joseph Pickel
Program Chairs
Please plan on attending our Technical Program and Workshops virtually for the Fall 2020 ACS National Meeting. We have listed for your consideration CHAS workshops, symposia, and cosponsored symposia. We believe we have put together an outstanding set of talks to help you be successful and work safely in your laboratory.

WORKSHOPS
All CHAS Courses will start at 8 AM PDT (11 AM EDT) except for Lab Safety Workshop, which will begin at 7 AM PDT (10 AM EDT)

Tuesday, August 11, 2020
Laboratory Safety Workshop, Beyond the Basics – Jim Kaufman
Why it Went Wrong: Blame-Free Investigation of Lab-Scale Incidents – Harry Elston & Neal Langerman

Wednesday, August 12, 2020
Safety Leadership in the Chemistry Enterprise – Robin Izzo, Mary Beth Koza & Sammye Sigmann
Reactive Chemical Management for Laboratories & Pilot Plants Neal Langerman & Harry Elston

Thursday, August 13, 2020
Laboratory Waste Management 2020 – Russ Phifer

Friday, August 14, 2020
How to be a More Effective Chemical Hygiene Officer

Sunday, August 16, 2020 2:30 PM – 6:30 PM
Developing Graduate Student Leadership Skills in Laboratory Safety

Monday August 17 AM
Managing Chemical Risk from Bench to Market
10:00 AM – 12:00 PM PDT
Broadcast Session
1. Transition from the academic laboratory to industrial employment Abdallah Diagne
2. New hire stories: Perspective from an industrial supervisor Frankie Wood-Black
3. Integrating risk assessment as a direct form of research skills development Jessica Martin
4. Managing chemical risk in agrochemical business Vsevolod Rostovtsev

Monday Afternoon - CHAS
Managing Chemical Risk from Bench to Market
1:00 PM – 3:00 PM PDT
Broadcast Session
1. Building a culture of laboratory safety at Corteva Agriscience™ Ann Buysse
2. Approach to sustainable cleaning Paul Lopolito
3. Explosion hazards of sodium hydride in polar aprotic solvents Qiang Yang
4. Scale-up to fatality: Case study of ignoring MOC Neal Langerman

Tuesday August 18 AM
How do I Develop, Grow & Sustain a Safety Culture?
10:00 AM – 12:00 PM PDT
Broadcast Session
1. Safety culture in the media Ralph Stuart
2. Formatting feedback for success Melinda Box
3. Don’t Cut That! Lessons learned from a laser cutter fire Daniel Kuespert
4. “Essential” Cannabis Manufacturing in the COVID-19 Era: Sustaining Safety and Sanitation at a Distance Alex Thompson

Tuesday August 18 PM
Mind the Gap and Cannabis & the FDA: Preserving Public Trust & Demanding Accountability
1:00 PM – 3:00 PM PDT
Broadcast Session
1. AI and drug discovery: Search for new psychoactive candidates from cannabis sativa Ramesh Jagannathan
2. Product marketing: Bridge the gap between formulation science and consumer Stefanie Maletich

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Cannabis Extract Adulterants: Not all Low pressure gas extraction & Quantitative and qualitative control of Vacuum fractionation of cannabis Centrifugal partition chromatography Student-led safety initiatives: Yes... we Best practices in studying cannabinoid Chemical and biochemical research Synthesis and pharmacology of delta 8 Identification of an unknown ACS's strategic leadership in safety Pharmacy compounding strategies for Crystal structures of isolated What do we really know about the 4. Analytical advances for the assessment of Cannabis- 3. The role of applied molecular microbiology in 2. Automating Cannabis & Hemp Sample Preparation to 1. Novel LC-MS/MS method with dual ESI and APCI ion source for analysis of California regulated pesticides and mycotoxins in medium-chan triglyceride (MCT) oil cannabis tinctures Avinash Dalma 2. Automating Cannabis & Hemp Sample Preparation to Improve Pesticide Analysis and Sample Throughput Toby Astill 3. The role of applied molecular microbiology in increasing cannabis product safety and quality. Khynrah-Cymoné Shepard 4. Analytical advances for the assessment of Cannabis-derived products in the European scenario Laura Mercolini

Wednesday August 19, AM Sessions

Wednesday August 19, PM Sessions

Thursday August 20, AM Sessions
Cannabis, Soil to Oil: How Products go from the Benchtop to the Marketplace 10:00 AM – 12:00 PM PDT Broadcast Session 1. Formulation strategies required to design fit-for-purpose oral cannabis products Monica Vialpando 2. Ready-to-run eMethods to aid rapid startup of your laboratory Jennifer McCulley 3. Stability in cannabis product development Andrea Ballo 4. Truly green plastic: Bio-based, biodegradable polymers from cannabis plant waste Tarek Moharram

Thursday August 20, PM Sessions
CHAS010: Advances in Cannabis Extraction & Purification 1:00 PM – 3:00 PM PDT Broadcast Session 1. Investigation of chocolate matrix interference on cannabinoid analytes David Dawson 2. Cannabinoid isolation Including Cannabis-Relevant Pesticides Removal by Centrifugal Partition Chromatography Árpád Könczöl 3. Applying physiochemical chromatography techniques to optimize adsorbent use in the processing and analysis of cannabis Jerry W King 4. Making the case for biosynthesis to create & isolate cannabinoids at scale Jeremy Friedberg

SCHB-CHAS-BMGT Reception at ACS 2020 Fall Virtual Meeting WHEN: Monday August 17, 2020 WHERE: Zoom TIME: 5pm-7pm Pacific Time (PT)

Here's the joint reception invite and RSVP: