

## Tuesday—March 19

CANN Elsohly Award symposium sponsored by  
Heidolph North America

4:25	Opening remarks	<i>Coffin, M.</i>
4:35	Delta-8 THC marketed products impurities: Isolation, identification and analysis	<i>Radwan, M.</i>
5:05	Antiviral activity of cannabinoids and cannabidiolic methyl ester against SARS-CoV-2	<i>Pollastro, F.</i>
5:35	Discussion with awardees	<i>Coffin, M.</i>

## Tuesday—March 19

We can do it: The synergy of safety, green chemistry, and environmental justice in making chemistry safer, more sustainable, and just

*Room 224, Morial Convention Center*

Cooperatively co-sponsored with ENVR

2:00	Opening remarks	<i>Nyansa, M.</i>
2:05	Leveraging Spatial Measurements of Volatile Organic Compounds to Quantify Community Exposures and Risk: Results from the Hazardous Air Pollution and Monitoring Assessment Project (HAP-MAP)	<i>DeCarlo, P.</i>
2:25	Characterization of metals in communities at the fenceline of an industrial corridor in Louisiana using size-resolved filters and online XRF measurements	<i>Yassine, A.</i>
2:45	Ethylene Oxide at the Industrial Fenceline in Southeastern Louisiana: Spatially-Resolved Concentrations and Plume Measurements from Fast Time-Resolution Mobile Monitoring During HAP-MAP	<i>Robinson, E.</i>
3:05	Intermission	

3:15	Opening remarks	<i>Nyansa, M.</i>
3:20	Student-led community engagement in action	<i>Nyansa, M.</i>
3:40	EuChemS activities in interfacing science, policy and sustainability	<i>Rutjes, F.</i>
4:00	RAMP-based safety education as a starting point toward commitment to sustainability and environmental justice	<i>Gmurczyk, M.</i>
4:20	Process chemistry: Enabling a safe and sustainable future	<i>Fisk, J.</i>
4:40	Intermission	
4:50	Opening remarks	<i>Nyansa, M.</i>
4:55	Collaborative Pathways: Uniting Stakeholders for Environmental Justice, Safety, and Green Chemistry	<i>Ross, S.</i>

## Monday—March 18

### CHAS Social

5:30-8:00PM CST

Napoleon House

500 Chartres St., New Orleans

All are welcome! Don't miss!!



See the DCHAS website for news, presentation slides, safety resources, and volunteer opportunities!

ACS  
Chemistry for Life™  
AMERICAN CHEMICAL SOCIETY

**ACS SPRING 2024**

ACS Division of Chemical Health & Safety  
<https://www.dchas.org>



American Chemical Society  
Division of Chemical Health & Safety  
Spring 2024 Meeting & Expo  
March 17-21, 2024 New Orleans, LA  
In-person & Hybrid

### About Us

DCHAS is a technical division of the American Chemical Society. We have more than 1,200 members, and we partner actively with other ACS entities as well as other sister organizations. We are the parent division of the ACS Cannabis Chemistry Subdivision.

### Vision

Protecting people and the planet through excellence in chemical health and safety.

### Mission

Foster a collaborative global community that promotes best practices in chemical health & safety.

### CHAS Open Business Meeting

Monday—March 18

11:30AM – 2:00PM CST

Room 243, Morial Convention Center

**All are welcome! Don't miss!!**

**All sessions are held in Room 214, Morial Convention Center, unless marked otherwise.**

**All times are US Central Standard Time.**

## Sunday–March 17

### Piecing together the EHS puzzle

2:00	Opening remarks	Keyser, S.
2:05	Optimizing the interface between EHS and researchers	Merlic, C.
2:30	Wrangling the chemistry department	Decker, D.
2:55	Navigating academic and industrial landscapes: Valuable skills for EHS	Keyser, S.
3:20	Understanding the puzzle of ESH at a national laboratory	Pickel, J.
3:45	Intermission	
4:00	Risk assessment beyond RAMP: The What-If method	Kuespert, D.
4:25	Why labeling matters: Analysis of an explosion in a gas cylinder	Reidy, J.
4:50	Keeping it real: Managing health & safety software expectations	Brown, K.
5:15	Panel discussion	Keyser, S.

## Monday–March 18

### EHS Leadership and Diversity

8:00	Opening remarks	Koza, M.
8:05	Understanding, developing, and implementing laboratory safety culture in two-year institutions	Henry, D.
8:25	Cultivating a culture of laboratory safety in chemistry research	Dorhout, P.
8:45	Safety through collaboration using the hierarchy of controls as inspiration	Guron, M.
9:05	Intermission	
9:20	Diversity in safety program management	Heuges, M.
9:40	Laboratory safety teams: A grassroots movement for graduate students to tackle safety from the ground up	Hu, D.
10:00	Empowering student laboratory safety officer programs to strengthen academic culture	Donaghy, C.

10:20	Chem Eminence and CHELAS: The chemical science festival and chemical laboratory safety workshop to enhance the learning experience	Gaikwad, R.
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## Monday–March 18

### General papers in chemical health & safety

2:00	Opening remarks	Decker, D.
2:05	Scientific legacies: Digging through the residue of a scientific career	Pickel, J.
2:30	Trigger grids: A tool for lab hazard assessment risk level determination	Martinelango, K.
2:55	How do you train undergraduate students in lab safety?	Freeman, J.
3:20	Assessment of knowledge and practice towards chemical security and safety among laboratory staff in Puntland State of Somalia	Mohamed, Abdullahi

## Monday–March 18

### Sci-Mix posters

How do you train undergraduate students in lab safety?	Freeman, J.
Safety through collaboration using the hierarchy of controls as inspiration	Guron, M.

## Tuesday–March 19

### Bioactive compounds from *Cannabis sativa L.* as new tools for drug discovery

8:00	Opening remarks	Pellati, F.
8:05	Recent results on the phytochemical and pharmacological characterization of <i>C. sativa</i> chemotypes	Tagliatala-Scafati, O.
8:30	From cannabis to therapeutic innovation: Targeting lipid mediator networks for inflammation control	Koerberle, A.

8:55	Cannabinol's well that ends well: Screening cannabinoids for neuroprotective activity by inhibition of oxytosis/ferroptosis	Nabissi, M.
9:45	Intermission	
9:55	THC-induced calcium influx through Transient Receptor Potential Channel V2 is involved in placental development	De Clercq, K.
10:20	Comparison of two different microsampling techniques for application to ADMET studies on Cannabis derivatives	Mandrioli, R.
10:45	Use of advanced imaging techniques for the identification and analysis of metal particles in unused legal and illegal cannabis vaping products	Waye, A.
11:10	Panel discussion	Pellati, F.

## Tuesday–March 19

### Bioactive compounds from *Cannabis sativa L.* as new tools for drug discovery

2:00	Opening remarks	Pellati, F.
2:05	GC-MS as a straightforward approach to evaluate cannabinoids stability in smokable Cannabis preparations	Merli, D.
2:30	Pros and cons of liquid chromatography for the purification of cannabinoids	Felletti, S.
2:55	Exploring retention of natural cannabinoids in chiral liquid chromatography	Catani, M.
3:20	Stereochemical evaluation of the main chiral phytocannabinoids in cannabis extracts and enantiomerization studies of cannabichromene and cannabichromenic acid	Citti, C.
3:45	Policosanols from <i>Cannabis sativa L.</i> : Extraction, purification and bioactivity	Brighenti, V.