

UC SAFETY SPOTLIGHT

A UC Systemwide Publication of
the Environment, Health & Safety
Leadership Council

MARCH 2018

Trending Topics

SAFETY SPOTLIGHT SURVEY

We appreciate your feedback! Please take less than five minutes out of your day to complete our survey, so that we can continuously improve the newsletter.

[Take Survey!](#)

POSTER OF THE MONTH

MONTHLY
UC SAFETY SPOTLIGHT
Poster of the Month
Presented by UC Berkeley and UC
UC Campus Safety, Health and Safety
March 2018

The Buzz on Cannabis: Health and Safety in the Workplace

The Buzz on Cannabis: Health and Safety in the Workplace is a one-day symposium on March 29th hosted by the Center for Occupational Safety and Health. This symposium will focus on identifying workplace safety hazards, exposure risks, and mitigation strategies within the cannabis industry.

Speakers include experts from the Colorado Department of Public Health and Environment, California Department of Public Health, Center for Disease Control and Prevention / The National Institute for Occupational Safety and Health Western States Division, California Growers Association, United Food and Commercial Workers, UC San Francisco, and UC Davis.



The Symposium will explore:

- 1. What factors should be considered in California?
- 2. What factors should be most of and how do we ensure safe working conditions?
- 3. Current and future research on other states like Colorado, California?
- 4. What are the risks of cannabis use in the workplace?

Presentation Highlights:

- 1. Identifying and Reducing Risks in Cannabis Facilities with Robert Smith, PhD, MSN, CCCO
- 2. Occupational Health Hazards in the Cannabis Industry and Recent NIOSH Hazard Research of Combustion Inhalation with Dr. Robert Smith, PhD, MSN, CCCO
- 3. Agricultural Safety and Health: Risks of Cannabis Production with Dr. Robert Smith, PhD
- 4. Agricultural Safety and Health: Risks of Cannabis Production in the Bay Area with Peter A. J. van der Wal, PhD
- 5. Ergonomic Challenges in California Cannabis Farms with Paul F. Fathallah, PhD and Fereshteh Khandanlou, PhD
- 6. Emerging Issues in Studies, Leadership in the Cannabis Workplace, Risk, Prevention and Future with Heidi D. Silver

Symposium:
The Buzz on Cannabis: Health and Safety in the Workplace
Date: March 29, 2018
Time: 8:00 AM - 5:00 PM
Location: Faculty Resource Room, UC Berkeley
For more information: www.cceohs.org/cannabis



Mr. Andy Tong, Vice President of Campus Development and Facilities, Hong Kong Polytechnic University with Larry Wong, Associate Environmental Health and Safety Director, UCOP

Wong Presents UC Initiatives at Hong Kong Conference

By: Crystal Ross O'Hara

Larry Wong, Associate Environmental Health and Safety Director at UCOP, was a keynote speaker at the 2017 Hong Kong International Laboratory Safety Conference in November, presenting on UC's latest initiatives in laboratory safety.

The conference drew approximately 250 attendees from 8 universities in Hong Kong and universities in Taiwan, Singapore, and Australia.

Larry's talk covered a wide range of initiatives and best practices throughout the UC system. These included:

- The Safety by Design workshop,
- The "Safety Moment" concept of discussing incidents, concerns, or reinforcement of safety in research operations
- UC's Proper Protective Equipment (PPE) initiative,
- Chemical inventory management,
- The high-containment laboratory oversight committee,
- Best practices for flammable liquid and gas transfers in lab-scale quantities,
- Risk-assessment training for graduate students,
- Sustainability and environmental protection,
- Cesium-137 irradiators
- Field research safety,
- UC Risk and Safety Solutions suite of laboratory safety applications, and,
- EH&S safety professionals professional development and retention.

"I think the talk was pretty well-received," he said. "They were interested to hear what were the latest and greatest best practices in the U.S., especially the University of California."

Larry said as in the U.S., safety practices vary widely between the different Hong Kong universities. Despite the absence of a heavy regulatory hammer, some are ahead of the curve on best practices, while others have room for improvement.

The conference also gave him an opportunity to learn more about the challenges and successes in Hong Kong research facilities and included visiting and assessing several laboratories in the area.

LEARNING OBJECTIVES

At the completion of this activity, the learner will be able to:

- Recognize workplace hazards in the cannabis industry, including within the growing, harvesting, and processing environments
- Apply safety programs in the workplace, such as hazard assessments and personal protective equipment assessments
- Discuss job types, activities, the scope of the cannabis workforce, and areas for future research
- Identify ergonomic issues in California cannabis farms
- Name cardiovascular effects from secondhand smoke exposure, including vaping
- Describe exposure risks of secondhand cannabis smoke and vaping emissions in public spaces and dispensaries

Accreditation

Industrial Hygienists:

ABIH® Diplomates can earn up to 5 of contact hours for this event.

Visit <http://www.abih.org/maintain-certification/cm-credit-education-events> for more information.

Physicians:

The Center for Occupational and Environmental Health (COEH) is accredited by the Institute for Medical Quality/California Medical Association (IMQ/CMA) to provide continuing medical education for physicians.

The Center for Occupational and Environmental Health designates this live activity for a maximum of 4 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses:

Provider approved by the California Board of Registered Nursing, Provider Number 12983, for 5 contact hours.

Registered Environmental Health Specialists (REHS):

This course has been approved for 5 contact hours, REHS. COEH-CE is a Registered Environmental Health Specialist (REHS) Program Continuing Education Accreditation Agency approved by the California Department of Public Health.

Safety Professionals:

Certified Safety Professionals may be eligible to earn up to 5 contact hours for this event.

Visit <http://www.bcsp.org/Certifications/Recertification> for more information.

The Buzz on Cannabis: Health and Safety in the Workplace

In January, California joined the growing number of states who have legalized recreational cannabis. As new cultivation, processing, and retailing facilities come online, it is imperative to educate health and safety professionals on this growing workforce.

“Slips, trips and falls are hazards common to every industry, but the marijuana industry has special considerations. For example, fires and explosions can occur during production of marijuana extracts and lead to fatal injuries,” according to Roberta Smith, Occupational Health Program Manager, Colorado Department of Public Health and Environment.”

The Buzz on Cannabis: Health and Safety in the Workplace is a one-day symposium on March 29th hosted by The Center for Occupational and Environmental Health. This symposium will focus on identifying workplace safety hazards, exposure risks, and mitigation strategies within the cannabis industry.

Speakers include experts from the Colorado Department of Public Health and Environment, California Department of Public Health, Center for Disease Control and Prevention / The National Institute for Occupational Safety and Health Western States Division, California Growers Association, United Food and Commercial Workers, UC San Francisco, and UC Davis.

This Symposium will explore:

- Who makes up the cannabis workforce in California?
- What hazards should we be aware of, and how do we ensure safe working conditions?
- Can we apply lessons learned in other states, like Colorado, to California?
- What are the risks of secondhand cannabis smoke exposure and vaping?

Presentation Highlights:

- *Identifying and Reducing Hazards in Cultivation Facilities* with Roberta Smith, RN, MSPH, CIC, CIH
- *Occupational Health Hazards in the Cannabis Industry and Recent NIOSH Hazard Evaluations at Cannabis-related Worksites* with CDR Bradley S. King, Ph.D., MPH, CIH
- *Secondhand Smoke from Marijuana: Return of a Familiar Problem* with Matthew L. Springer, Ph.D.
- *Exposures to Second Hand Cannabis in Public Places and Dispensaries in the Bay Area* with Peter A. Jaques, Ph.D.
- *Ergonomic Challenges in California Cannabis Farms* with Fadi Fathallah, Ph.D. and Farzaneh Khorsandi, Ph.D.
- *Emerging from the Shadows: Understanding the Cannabis Workforce, Past, Present and Future* with Hezekiah D. Allen

Symposium: The Buzz on Cannabis: Health and Safety in the Workplace

Date: March 29, 2018

Time: 8:00 AM - 5:30 PM

Location: Pauley Ballroom West, UC Berkeley

For more information: www.regonline.com/buzzoncannabis



University of California EH&S Professional Education Partnership

Your workplace health and safety training connection

[UC Berkeley Center for Occupational & Environmental Health](#)

- [The Buzz on Cannabis: Health & Safety in the Workplace](#) (Thursday, March 29, 2018, 8:00am – 5:30pm, Berkeley, CA)
- [Latest Research on Silica Dust Exposure](#) (Thursday, April 19, 2018, 1:00pm – 4:15pm, Oakland, CA)
- [COEH Builds Bridges: Four Decades of Progress in the California Workplace](#) (Friday, May 4, 2018, 9:00am – 3:15pm – Saturday, May 5, 2018, 8:00am – 5:00pm, Sacramento, CA)

[UCLA/UC Irvine Southern California Education & Research Center](#)

- [Ergo Online Webinar Series 2018](#) (Enroll in 1 or More, 2nd Tuesday of each Month, 11:00am - 12:00pm, Online)
- [Comprehensive Industrial Hygiene \(CIH\) Exam Review](#) (Monday, March 19, 2018 – Friday, March 23, 2018, 8:30am – 5:00pm, Anaheim, CA)
- [Risk Assessment Strategies](#) (Monday, March 26, 2018 - Tuesday, March 27, 2018, 8:00am – 5:00pm)
- [Ethics for Health & Safety Professionals Webinar: Making the Right Choices](#) (2 Meetings, Monday, April 16, 2018 & Thursday, April 19, 2018, 10:00am – 12:00pm)

[UC San Diego Extension](#)

- [Pacific Coast Safety Fest](#) (Wednesday, March 7, 2018 – Thursday, March 8, 2018, 8:00am – 4:30pm, UCSD, CA)
- [OSHA 5109 – Cal/OSHA Standards for the Construction Industry](#) (4 Meetings, Monday, March 19, 2018 – Thursday, March 22, 2018, 8:00am – 4:30pm, UCSD, CA)
- [OSHA 5119 - Occupational Safety and Health Standards for General Industry](#) (4 Meetings, Monday, March 26, 2018 – Thursday, March 29, 2018, 8:00am – 4:30pm, UCSD, CA)

[UC Risk & Safety Training](#)

- [EH&S Professional Education](#) (Online)
 - UC Riverside Workshop (Wednesday, March 28, 2018, 9:00am – 5:00pm, UCR)
 - UC Davis Workshop (Tuesday, April 17, 2018, 9:00am – 5:00pm, UCD)

CONNECT

Know where to turn on your UC campus for the information you need to keep yourself, your workplace and your environment safe and secure. Click on the campus links below to connect to local program, educational and informational resources.

[UC Berkeley](#) • [UC Davis](#) • [UC Irvine](#)
[UCLA](#) • [UC Merced](#) • [UC Riverside](#)
[UC San Diego](#) • [UC San Francisco](#)
[UC Santa Barbara](#) • [UC Santa Cruz](#)
[UCOP](#) • [UC ANR](#)



FEEDBACK PLEASE

Send an email to safetyspotlight@ucdavis.edu to submit your comments on the this issue or to suggest content ideas for future issues. We look forward to hearing from you!

This publication is produced and maintained by the Communications Team at Risk & Safety Solutions. For more information regarding our products and services, please email service@RiskandSafetySolutions.com.



www.RiskandSafetySolutions.com