

## **Cheryl Marcham Bio:**

Cheryl L. (Cheri) Marcham, PhD, CSP, CIH, CHMM, FAIHA is an Assistant Professor in the College of Aeronautics Worldwide Online Campus for Embry-Riddle Aeronautical University. She is the Program Chair for the Master of Science in Occupational Safety Management degree program, which has currently attained the BCSP status of being a Qualified Academic Program.

She was previously the Environmental Health and Safety Officer for the University of Oklahoma for over 26 years. She holds a B.S. in Biology from Arizona State University, and an M.S. and Ph.D. from the University of Oklahoma Health Sciences Center Department of Occupational and Environmental Health.

She has served on the Board of Directors of the American Industrial Hygiene Association and is currently serving as Treasurer on the Board of Certified Safety Professionals.

Cheri's recent research interests include studying both the public health concerns and indoor air quality impacts of the use of electronic cigarettes, and has been presenting on these topics throughout the country. Another area of interest is getting the word out about how certification exams are developed and validated, and how they can truly measure the knowledge and skills of those in the safety and health profession.

## **Peer Reviewed Publications:**

- Marcham, Cheryl L. and John P (Jack) Springston. 2017. "E-Cigarettes: A Hazy Hazard." *Professional Safety* 62(6), 46-51.
- Marcham, Cheryl L., Treasa Turnbeaugh and Nicola Wright. 2017. "OSH Certifications: Behind the Exams" *Professional Safety* 62(7), 44-48.
- Marcham, Cheryl L., Treasa Turnbeaugh and Susan Gould. 2017. "Development of Certification Exam Test Questions: It's More Deliberate than You May Think." Submitted for publication.

## **Technical Guidance:**

- *White Paper on PCBs in the Built Environment*, 2013, American Industrial Hygiene Association, Project Team Member
- *White Paper: Electronic Cigarettes in the Indoor Environment*, 2014, American Industrial Hygiene Association, Project Team Leader
- *AIHA Field Use of Direct-Reading Instruments for Detection of Gases and Vapors Body of Knowledge*, 2015, American Industrial Hygiene Association, Project Team Member
- *Is Formaldehyde from Laminate Flooring a Problem in My Home?* 2015, American Industrial Hygiene Association, Project Team Leader
- *Laminate Flooring Outgassing: Technical Guidance*, 2015, American Industrial Hygiene Association, Project Team Member

## **Paper, Meeting and Conference Presentations:**

- *24-hour Ambient and Residential Aerosol Characterization Using Automated Piezoelectric*

*Cascade Impactors*, American Industrial Hygiene Association Conference and Exposition, San Diego, CA, June 4, 2002

- *Will HazCom 2012 Affect You?* 2013 Oklahoma Safety and Health Conference, Norman, OK, June 27, 2013
- *HazCom 2012 Implementation*, 2015 Oklahoma Safety and Health Conference, Norman, OK, June 26, 2015
- *AIHA White Paper: Electronic Cigarettes in the Indoor Environment*, AIHce 2015, Salt Lake City, UT, June 3, 2015
- *Electronic Cigarettes in the Indoor Environment*, AIHA Webinar, September 17, 2015
- *AIHA White Paper: Electronic Cigarettes in the Indoor Environment*, Indoor Air Quality Association 19<sup>th</sup> Annual Meeting, Orlando, FL, January 26, 2016
- *AIHA White Paper Findings: Emissions, Exposures and Health Risks*, 2016 ASHRAE Winter Conference, Orlando, FL, January 26, 2016
- *A Review of Studies of Ventilation and Indoor Air Quality in New Homes and Impacts of Environmental Factors on Formaldehyde Emission Rates from Composite Wood Products*, American Industrial Hygiene Conference and Exposition, Baltimore, MD, May 26, 2016
- *Hazard Communication Standard (HCS) Update*, Oklahoma Vegetation Management Association 2016 Fall OKVMA Conference, Tulsa, OK, October 5, 2016
- *Electronic Cigarettes in the Indoor Environment*, New England Local Section AIHA 2016 All-Day Industrial Hygiene Conference and Exhibition, Sturbridge, MA, October 18, 2016
- *Electronic Cigarettes in the Indoor Environment*, Arkansas Local Section AIHA Fall Conference, Little Rock, AR, October 21, 2016
- *HazCom 2012 Implementation*, Oklahoma Field Federal Safety and Health Council, FAA Mike Monroney Aeronautical Center, Oklahoma City, OK, May 11, 2017