

Center for Health, Work & Environment

colorado school of public health

2023 Research Day Symposium

DoubleTree by Hilton
3203 Quebec Street
Denver, CO, 80297

Check-in and Breakfast

Foyer

8:00-9:00am **Registration, Breakfast, & Networking**

Opening Presentation

Grand Ballroom (2&3)

9:00-9:15am

Welcome Remarks

Presented by: Jon Samet, Dean, Colorado School of Public Health
Lee Newman, Director, MAP ERC and CHWE

Keynote Address

Grand Ballroom (2&3)

9:15-9:45am

Implementation Science Approaches for Advancing Occupational Safety and Health Research and Practice

Presented by: Rebecca J. Guerin, Ph.D., CHES

Complex occupational safety and health (OSH) challenges—including the COVID-19 pandemic, demographic shifts, and increased psychosocial hazards—require wider and faster adoption of research benefiting workers, employers, and society. To increase the impact, effectiveness, and integration of OSH research, systematic approaches are needed to move OSH interventions into sustained practice. Implementation Science (IS) is a newer, transdisciplinary field that focuses on the study of methods and strategies for bridging the gap between research and practice. This presentation will enhance understanding of key IS concepts, models, designs, methods and measures for the translation into practice of effective OSH programs and practices in the multilevel systems that impact worker safety, health and well-being.

Platform Presentations

Grand Ballroom (2&3)


9:45-10:00am

Lung impairment and Black Lung in Indigenous Coal Miners

Presented by: Jeremy Hua
OEM

13001 E. 17th Place, Mail Stop B119 HSC, Aurora, CO 80045

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- 10:00-10:15am** **Neutron Spectroscopy and Dosimetry Using Electron Paramagnetic Resonance and Alanine Filters**
Presented by: Paige Witter
Health Physics
- 10:15-10:30am** **Occupational Noise Exposure and Hearing Assessment of Hydraulic Fracturing Workers: Conventional Versus Quiet Fleets**
Presented by: Melissa Blevens
IH
- 10:30-10:45am** **Museum Poisons Test Kit: Analytical Testing for All Museums**
Presented by: Paulette Reading
Pilot Project

Break

10:45-11:00am

Poster Session

11:00am-12:00pm **Poster Session 1**


Group A – Grand Ballroom 1

Facilitated by: Bill Brazille

Poster Number	Title	Presenter	Program
1	Recommendations for Incorporation of Cumulative Impact Analysis (CIAs) in Colorado Air Quality Policy	Stephanie Pease	EOH
2	Employee Health and Wellbeing: The impact of staff supportive physical work environments.	Cedra Goldman	EOH
3	Measuring Moral Injury Amongst Clinical Social Workers in Healthcare: A Mixed Methods Scale Development Study	Pari Shah	EOH
4	Risk Factors for Kidney Injury Among Male and Female Sugarcane Workers in Central America	Sara Hull	EOH
5	Spatial & Demographic Patterns of Residential Proximity to Injection & Abandoned Oil & Gas Wells in Colorado	Hannah Walters	EOH
6	Changes in lung function after deployment to Southwest Asia among military personnel with respiratory symptoms	Lauren Zell-Baran	OEM
7	Vertebral Compression Fractures & Clinical Imaging of Spinal Trauma	Judith Lestin	OEM

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8	Animal Bites and The Worker	Rachel Ain	OEM
9	Developing a Survey to Assess Adverse Childhood Experiences as a Risk Factor for Suicidal Ideation and Behavior in Public Safety Professional	Elizabeth Esty	OEM

Group B – Grand Ballroom 4

Facilitated by: Thomas Johnson

Poster Number	Title	Presenter	Program
11	The Separation of Americium from Curium Using New Sodium Bismuthate-based Systems for Used Nuclear Fuel Recycling	Samantha Labb	Health Physics
12	The Effect of Asphalt Debris on Radiochemical Analysis of Plutonium	Raissa Chunko	Health Physics
13	An Investigative Study of Actinide and Non-Actinide Bearing Fuel Salts	Michaela Swinhart	Health Physics
14	Evaluation of Nanodiamonds for the Adsorption of Radioactivity from Ocean Waters	Megan Zaiger	Health Physics
15	Development of a Predictive Model to Quantify Exposure to Amorphous Silica Among Sugarcane Workers	Colton Castro	IH
16	Evaluating Noise Exposure and Temporary Threshold Shifts in a Manufacturing Setting	Darren Gieseck	IH
17	Community Noise Exposure from Nearby Oil and Gas Extraction Sites	Phillip Stepherson	IH

Lunch

Foyer


12:00-1:00pm


Lunch

Free professional headshots available on a first-come, first-served basis. Check-in at the registration desk for more details.

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Poster Session

1:00-2:00pm

Poster Session 2

Group A – Grand Ballroom 1

Facilitated by: Gwen Fisher

Poster Number	Title	Presenter	Program
1	Work from Office or Home - Why Does it Matter?	Kinjal Chheda	OHP
2	Red, White, and Who?: An investigation on how political identities impact safety behaviors in the workplace	Hannah Finch	OHP
3	Item Generation and Validation to Assess the Science/Practice Gap within Occupational Health Psychology	James Kunz	OHP
4	A Qualitative Exploration of Code-Switching in Black Employees	Shelby Davis	OHP
5	Perceptions of Supportive Organizational Practices and Well-being Among LGBTQ+ Employees	Rachel Perpich	OHP
6	I Get By With A Little Help From My Friends: Addressing Newcomer Adjustment through Social Support and Self-Determination Theory	Rosalyn Stoa	OHP
7	Promoting Safety through Diversity Management: Diversity Climate & Racial-Ethnic Differences in Safety Voice	Julia Beckel	OHP


Group B – Grand Ballroom 4

Facilitated by: Natalie Schwatka

Poster Number	Title	Presenter	Program
8	Active breaks in prolonged sitting versus continuous physical activity on behavioral and health-related outcomes in office workers with prediabetes: A pilot study	Ana Pinto	TWH
9	Evaluation of Goals Setting to Enhance TWH Consultation	John Wortman	TWH
10	5 Pillars of Wellness	Stephanie Jones	TWH
11	A Network Analysis to Establish a Total Worker Health behavioral Health Intervention for the Agriculture Workforce of the San Luis Valley, Colorado	Nick Stoll	TWH

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12	Occupational Heat Exposure and Effect Among Guatemalan Sugarcane Workers	Lyndsay Krisher	TWH
13	Ionizing Radiation and Cognitive Mortality Among Department of Energy Cohorts: Potential Risk and Role of Work Design Interventions	Tony Zbysinski	Ergo & Safety

Platform Presentations

Grand Ballroom (2&3)

- 2:00-2:15pm** **Optimizing Hospitalist Staffing Models with Evidence-based Practices for Improved Patient, Clinician, and Institutional Outcomes**
Presented by: Marisha Burden and Angela Keniston
TWH
- 2:15-2:30pm** **The Role of Authenticity in Confronting Interpersonal Mistreatment at Work**
Presented by: Brittany Lynner
OHP
- 2:30-2:45pm** **Stooped Postures in Agricultural Workers: Characterizing the Task**
Presented by: Denali Sanders
Ergo & Safety

Break

- 2:45-3:10pm** **Break**
Snacks available


Workshop

Grand Ballroom (2&3)

- 3:10-3:40pm** **Personal Branding for Researchers**
Presented by: Cydney Hughes
- Join us for this interactive workshop as we explore how to understand and own your identity as a researcher. Many of us have struggled at some point in our career with how to promote ourselves or our work. In this workshop, you will learn how to differentiate your value and craft the image you want people to see.

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Awards and Closing Remarks

Grand Ballroom (2&3)

3:40-3:50pm

Awards

3:50-4:00pm

Closing Remarks

Presented by: Mike Van Dyke, Interim Department Chair, EOH
Morgan Valley, Deputy Director, MAP ERC
Lee Newman, Director, MAP ERC and CHWE

Happy Hour


Station 26 Brewing Co.


4:00pm

Informal Happy Hour at Station 26 Brewing Co.
7405 38th Ave., Denver, CO 80207

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