

2024 Research Day Symposium
DoubleTree by Hilton 3203 Quebec Street Denver, CO, 80297
April 4, 2024

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:
Cathy Bradley, PhD, Dean, Colorado School of Public Health
Lee Newman, MD, MA, Distinguished Professor, Colorado School of
Public Health

Group Activity

Grand Ballroom (2&3)

9:15-9:30am

Keynote Address

Grand Ballroom (2&3)

9:30-10:00am **Rebeca Velasco Reyna, MD**
National Coordinator of Occupational Health at Instituto Mexicano del
Seguro Social (IMSS)

Platform Presentations

Grand Ballroom (2&3)

10:00-10:15am **Investigation of Detonation Nanodiamond Adsorption Rates for**
Radioactive Cesium in Water Samples
Presented by: Megan Zaiger
Health Physics

10:15-10:30am **Perceptions of Supportive Organizational Practices and Well-being**
among LGBTQ+ Employees
Presented by: Rachel Perpich
Occupational Health Psychology

10:30-10:45am **An Agriculture Worker Wellbeing Assessment from a *Total Worker***
***Health*[®] Perspective**
Presented by: Nick Stoll
Environmental and Occupational Health/*Total Worker Health*[®]

Center for Health, Work & Environment
colorado school of public health



COLORADO STATE
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A NIOSH Education and Research Center for
Occupational & Environmental Health & Safety

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Break

10:45-11:00am

Poster Session

11:00-11:50 Poster Session 1

Group A – Grand Ballroom 1

Facilitated by: Joaquín Barnoya, MD, MPH

Poster Number	Title	Presenter	Program
1	“The Most Important Thing is to Know What to Wear When Working in the Sun”: Crop Workers Perspectives on Workwear	Yessica Martinez	Climate Change
2	Modeling the Effects of an Emerging Toxicant, Wildfire Smoke, on Reproductive Toxicity Using <i>Caenorhabditis elegans</i>	Jacob Smoot	Climate Change
3	The Chap I Study: Characterizing Workday Core Body Temperature, Heat Exposure, and Heat Strain in Guatemalan Sugarcane Workers	Karely Villarreal Hernandez	Climate Change
4	Heat Related Illness and Considerations for Adverse Long-Term Effects in Firefighters: A Case of Acute Kidney Injury in a 30-Year-Old Male Firefighter Recruit with Acquired Solitary Kidney	Erin Bammann	Climate Change
5	Set When the Sun Rises, Rise When the Sun Sets: Climate Change Adaptive Strategies and Related Needs of Small Holder Farmers in Vietnam	Miranda Dally	Climate Change

Group B – Grand Ballroom 4

Facilitated by: Thomas Johnson, CHP, MBA

Poster Number	Title	Presenter	Program
1	Characterization of a Cesium-137 Gamma Irradiator Using Fricke Dosimetry	Rebecca Mueller	HP

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2	Effects of Trace Metals Found in Asphalt on Plutonium Uptake on Extraction Chromatography Resins	Raissa Chunko	HP
3	Development of an Alanine Neutron Dosimetry System at Colorado State University	Paige Witter	HP
4	Molten Salt Reactor: The Worker's Choice	Michaela Harris	HP
5	Characteristics of Gamma Radiation Fields in Subterranean Structures for Radiation Protection and Decision-Making	Sarah Sublett	HP
6	Feel the Change: Improving Surgeons' Adherence to Ergonomic Recommendations Through Kinesthetic Training	Amanda Skidmore	Ergo & Safety
7	Stooped Postures in Agricultural Workers: Characterizing the Task	Denali Sanders	Ergo & Safety

Lunch

Foyer

11:50-12:45pm

Lunch

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

Poster Session

12:45-1:35pm

Poster Session 2

Group A – Grand Ballroom 1

Facilitated by: Morgan Valley, PhD

Poster Number	Title	Presenter	Program
1	Effects of Workload on Creativity: The Moderating Role of Trait Mindfulness	Kinjal Chheda	OHP
2	Alignment in Work & Life Disclosure as Predictive of LGBT Wellbeing	Danielle West	OHP
3	Authenticity at Work: Multiple Pathways to Well-being	Shelby Davis	OHP
4	Exploring Qualitative Insights into Workplace Interpersonal Mistreatment, Social Identities, and Interventions	Brittany Lynner	OHP

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5	Intuitive Eating, Income, and Workplace Environment	Katie McMahon	OHP
6	Addressing Newcomer Adjustment, Well-being, and Safety Through Organizational Support and Self-determination Theory.	Rosalyn Stoa	OHP
7	Examining Workplace Trauma and Moral Injury Amongst Healthcare Social Workers	Asia Cutforth and Pari Thibodeau	OHP
8	Designing Work for Employee Flow, Creativity, and Well-Being: Initial Discoveries	Ryan Lizerbram	OHP

Group B – Grand Ballroom 4

Facilitated by: Francesca Macaluso, MPH

Poster Number	Title	Presenter	Program
1	The Association Between Supportive Physical Work Environments and the Wellbeing of Nursing Home Employees: Finding from a Pilot Research Study	Cedra Goldman	TWH
2	Employer Engagement to Promote and Add Evidence-Based Diabetes and Cardiovascular Prevention and Management Programs as a Covered Benefit	Sarah Levine	TWH
3	A Mixed Methods Dissemination & Implementation study of the WELL program	Julia Pangalangan	TWH
4	Carbon Monoxide Exposure: A Case Presentation and Review	Matthew Russell	OEM
5	Rural vs. Urban Injury	Rachel Ain	OEM
6	Community Noise Exposure from Nearby Oil and Gas Extraction Sites	Phillip Stepherson	IH
7	Examining Employment Patterns and Implications for Newly Diagnosed Cancer Patients	Amy Dye-Robinson	TWH

Break

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1:35-1:45pm

Platform Presentations

Grand Ballroom (2&3)

- 1:45-2:00pm** **Ionizing Radiation and Mortality: Unraveling Neurocognitive Risks in a Worker Cohort**
Presented by: Tony Zbysinski
Ergonomics and Safety
- 2:00-2:15pm** **Direct-On-Filter Analysis and Limitations of Amorphous Silica Analysis Amongst Sugarcane Cutters**
Presented by: Colton Castro
Industrial Hygiene
- 2:15-2:30pm** **Strategies in Return to Work in Work-Related Concussions**
Presented by: Ana de Oliveira Pereira
Occupational and Environmental Medicine
- 2:30-2:45pm** **Navigating the Breeze: Lessons from the Air Aware Campaign in Shaping Outdoor Workers' Behaviors**
Presented by: Channing Bice
Climate and Worker Health

In Memoriam: Dr. Stephen Reynolds

Grand Ballroom (2&3)

- 2:45-2:55pm** Presented by: John Rosecrance, PhD, and Lee Newman, MD, MA

Networking and Snack

Grand Ballroom (2&3)

2:55-3:40pm

Awards and Closing Remarks

Grand Ballroom (2&3)

3:40-4:00pm **Awards**

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Closing Remarks:

Presented by:

Jon Samet, MD, MS, Professor and Interim Department Chair,
Environmental and Occupational Health, Colorado School of Public
Health

Lee Newman, MD, MA, Distinguished Professor, Colorado School of
Public Health

Happy Hour

Station 26 Brewing Co.

4:15pm

Informal Happy Hour at Station 26 Brewing Co.

7405 38th Ave., Denver, CO 80207

