

Center for Health, Work & Environment

colorado school of public health

2020 Virtual Research Day Symposium

Agenda

If you cannot join the meeting via the links below, please contact Dee Akers via email at Tamara.Akers@cuanschutz.edu, or via text or call at 325-203-1135

Quick Tips: Silence phones and computer notifications during the program today
Mute yourself unless you are presenting

Opening Presentation

Webinar

- | | | |
|--------------|---|---|
| 8:00–8:10am | Welcome
Presented by:
Lee Newman
Steve Reynolds | https://ucdenver.zoom.us/j/683743083
Phone: +1 669 900 6833 US
Webinar ID: 683 743 083 |
| 8:10-8:15 am | Memorial
Presented by:
John Rosecrance | |

Keynote Address

- | | |
|--------------|--|
| 8:20–9:10 am | Keynote Address
Worker-Machine Relationship in the 21st Century
Presented by: John Howard, Director, National Institute for Occupational Safety and Health |
|--------------|--|

Student Presentations

(Moderator: Dee Akers)

- | | |
|--------------|---|
| 9:15-9:30 am | Occupational Injuries in the Colorado Brewing Industry:
An Assessment of Accident Narratives
Presented by: Colleen Brents |
| 9:35–9:50am | Establishing Pseudo Pelger-Huet Anomalies as Biodosimeters in
Mammalian Species
Presented by: Joshua Hayes |

Student Video

- | | |
|---------------|---------------------------------------|
| 9:55-10:00 am | Student Video: PFAS, P-Furious |
|---------------|---------------------------------------|

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

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The Center for Health, Work & Environment is one of six Centers of Excellence for Total Worker Health® and houses the Mountain & Plains Education and Research Center, one of 18 centers of its kind supported by the National Institute for Occupational Safety and Health (NIOSH).

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Ignite Sessions

(Moderator: Mike Van Dyke)

- 10:05-10:10am** **How Climate Change Impacts Occupational Injury Rates in a Agricultural Workforce**
Presented by: Miranda Dally
- 10:10-10:15am** **A Multidisciplinary Approach to Affecting Change in the Workplace**
Presented by: Penny Pietrowski
- 10:15-10:20am** **Home Energy Efficiency Upgrades are a Climate Mitigation Strategy, are they Good for Respiratory Health?**
Presented by: Kelsey Barton
- 10:20-10:35am** **Ignite Q&A**

Student Presentations

(Moderator: Dee Akers)

- 10:40-10:55am** **The Carbon Footprint of Travel**
Presented by: Sarah Levine
- 11:00-11:15am** **An Examination of PAH and Metals Contamination of Fire Engines and SCBA**
Presented by: Katie Craft

Student Video

- 11:20-11:25am** **Student Video: Only You Can Prevent Swine Flu**

Student and Pilot Project Presentations

(Moderator: Carol Brown)

- 11:25-11:40am** **Urban Paramedics: An Underserved Occupational Population**
Presented by: Ngozi Obi
- 11:45-12:00pm** **A Qualitative Investigation of Health and Safety in the Gig Economy with TaskRabbit Workers**
Pilot Project Presented by: Kiplin Kaldahl

Afternoon Instructions

- 12:00pm** **Carol Brown**
Afternoon instructions

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Break

12:00-12:45pm Lunch

Poster Session I

Zoom Meeting Rooms

12:45-2:00pm **75-Minute Concurrent Poster Sessions**
5 minutes per poster, plus 3 minutes for Q&A

Globalization, Climate Change, and Agriculture (Moderator: Steve Reynolds)

<https://ucdenver.zoom.us/j/556237917>

Phone: +1 301 715 8592

Zoom Meeting ID: 556 237 917

1	Climate Changes Everything: The Importance of Accounting for Precipitation in Studies of Sanitation and Diarrhea	Christine Prissel	EOH
2	Occupational Stress and Cardiovascular Disease in the San Luis Valley	Jon Bihl	EOH
3	Quantifying Trunk Postures in Vegetable and Fruit Pickers in Colorado and Sardinia	Molly Hischke	ERGO
4	Source Attribution of MRSA Exposure and Carriage Among Dairy Workers	Jessica Nunez	ERGO
5	Hypertonic Saline Rinse and its Effect on Nasal Inflammation and Microbiome in Dairy Workers	Grant Erlandson	IH
6	Does the Attenuation of Proinflammatory Cytokines in the Upper Airways Improve Pulmonary Function among Dairy Workers?	James Seidel	IH
7	Engineered Stone Silicosis: An Emerging Global Outbreak with Impacts in Colorado	Lauren Zell-Baran	EOH

Total Worker Health: Stress and Mental Health (Moderator: Lili Tenney)

<https://ucdenver.zoom.us/j/277132314>

Phone: +1 253 215 8782

Meeting ID: 277 132 314

1	Association of Marijuana, Mental Health, and Tobacco in Colorado	Stephanie Stewart	OM
2	Branching Out: Spending Time Outside as a Buffer Between Work Stressors and Health Outcomes	Rebecca Brossoit	OHP
3	Fostering Resilience in Early Educators (FREE)	Jamie Powers	OHP
4	Examining the Relationship Between Work Stressors and Mental Health among Women in Academia	Rebecca Clancy	OHP

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5	Fast-Food Workers and Work-nonwork Social Support: A Qualitative Study	Shalyn Stevens	OHP
6	Telework and Total Worker Health: A Multidisciplinary Review	Julia Buck	OHP
7	The Relationship Between Sleep Impairment and Organizational Interpersonal Outcomes	James Kunz	OHP

Poster Session II

Zoom Meeting Rooms

2:05-3:20pm

75-Minute Concurrent Poster Sessions

5 minutes per poster, plus 3 minutes for Q&A

Emerging Occupational and Environmental Health Issues (Moderator: Mike Van Dyke)

<https://ucdenver.zoom.us/j/757920670>

Phone: +1 253 215 8782

Zoom Meeting ID: 757 920 670

1	Precision Spatio-temporal Exposure Assessment for Indoor Work Environments*	Nicholas Good	EOH
2	Evaluation of the Effectiveness of Firefighter Decontamination Procedures	James Taloumis	IH
3	The Measurement of Ambient and Task Generated Silica Concentrations During OSHA Table 1 Construction Tasks to Derive Model Adjustment	Emily Cothorn	IH
4	Health Effects of Disinfectants Containing Peracetic Acid	Kathryn Buikema	OM
5	Sunken Flap Syndrome: Implications for Occupational Medicine	Chad Botz	OM
6	Reconstructing Dose in Teeth of Large Japanese Field Mice Using Electron Paramagnetic Resonance	Mariah Davis	HP
7	Development of a Decision Threshold for Weak Radiological Source Detection Using Bayesian Statistical Techniques Applied to Gamma Spectra Measurements	Matt Meengs	HP
8	Radiocesium Size Categorization of Suspended Particles in Fukushima Contaminated Water	Anna Deak	HP

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Total Worker Health: General Track (Moderator: Natalie Schwatka)

<https://ucdenver.zoom.us/j/333956128>

Phone: +1 253 215 8782

Meeting ID: 333 956 128

1	Relationships of Measured and Perceived Indoor Environmental Quality and Health Symptoms in a Suburban School District*	Sheena Martenies	EOH
2	An Assessment of Ergonomics Climate and its Association with Employee Well-being and Organizational Performance	Kyle Hancock	ERGO
3	A Work-Life Balance Training Intervention: Motivating Training Transfer	Kelly Cave	OHP
4	Using Expectancy Theory to Examine Occupational Future Time Perspective with Safety Motivation and Safety Performance	Madison Hanscom	OHP
5	Employee Nonwork Support-marshaling: Scale Development and Validation	Jacqueline Wong	OHP
6	A Qualitative Analysis of Religion and Calling	Alexandra Alayan	OHP
7	Characterizing Perceptions of Work Among Those in Dangerous Jobs: An Exploratory Text-mining Analysis of Glassdoor.com Reviews	Kelsie Daigle	OHP
8	Bacterial Load on Medical Assistants with Various Nail Types in an Outpatient Care Setting	Kendra DeHerrera	EOH

Awards

(Moderator: Lee Newman) Webinar

3:25-3:35pm

Awards

<https://ucdenver.zoom.us/j/433866252>

Environmental and Occupational Health

Phone: +1 346 248 7799

Presented by: John Adgate - EOH

Webinar ID: 433 866 252

Ergonomics and Safety

Presented by: Steve Reynolds for Dave Jeary - ASSP Colorado

Industrial Hygiene

Presented by: Don Archibald - AIHA

Health Physics

Presented by: Krista Wenzel -CRMHPS

Occupational Psychology

Presented by: Gwen Fisher - SOHP

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Occupational Medicine

Presented by: Maggie Cook - Shimanek-RMA OEM

Platform Presentation

Presented by: Trish Ennis - CSA

3:35–3:40pm

Closing Remarks – Lee Newman

>> Please [click here](#) to take the evaluation for this year's virtual Research Day.

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