



Oil and Gas Extraction Sector Council

2023 Spring Health and Safety Summit: Psychosocial Stressors in the Oilfield

April 13, 2023



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Agenda, Day 2

- **Welcome**
[12:00–12:05 pm ET]
 - Moderators
- **Overview of Occupational Fatigue and OGE Fatigue Research at NIOSH**
[12:05–12:50 pm ET]
 - Imelda Wong, Coordinator of the NIOSH Center for Work and Fatigue Research
 - Alejandra Ramirez-Cardenas, Epidemiologist in the NIOSH Oil and Gas Extraction Program
- **On the Move: Considerations for In-Vehicle Fatigue and Detection**
[12:50–1:20 pm ET]
 - Sally Ferguson, Professor at CQ University Australia
- *BREAK #1*
[1:20–1:30 pm ET]



Overview of Occupational Fatigue and OGE Fatigue Research at NIOSH

Imelda Wong, PhD

Occupational Hygienist/Epidemiologist
NIOSH Center for Work and Fatigue Research

Alejandra Ramirez-Cardenas, MPH,

Epidemiologist
NIOSH Oil and Gas Extraction Program

Presenters, please share your screen



Overview of Occupational Fatigue and OGE Fatigue Research at NIOSH

**Imelda Wong (kwn0@cdc.gov) and
Alejandra Ramirez-Cardenas (nxa5@cdc.gov)**

Questions?



On the Move: Considerations for In-Vehicle Fatigue and Detection

Sally Ferguson, PhD, MA

Professor
CQ University Australia

PRE-RECORDED VIDEO



On the Move: Considerations for In-Vehicle Fatigue and Detection

Sally Ferguson
(sally.ferguson@cqu.edu.au)

Please reach out to Sally for questions



BREAK #1

THANKS AGAIN TO OUR ADVERTISERS:

American Industrial Hygiene Association (AIHA) Oil and Gas Working Group

American Petroleum Institute (API)

American Society of Safety Professionals (ASSP) Oil, Gas, Mining and Mineral Resource Practice Specialty Group

Domestic Energy Producers Alliance (DEPA)

Energy Safety Canada

Energy Workforce and Technology Council

Enserva Canada

Independent Petroleum Association of America (IPAA)

Institute of Makers of Explosives (IME)

National STEPS Network

OSHA Education Center at the University of Texas at Arlington



Agenda, Day 2

- *BREAK #1*
[1:20–1:30 pm ET]
- **Can Fatigue Detection Technology Improve Safety**
[1:30–2:00 pm ET]
 - Madeline Sprajcer, Lecturer at CQ University Australia
- **Analysis of Naturalistic Driving Data to Assess Distraction and Drowsiness in Drivers of Commercial Motor Vehicles**
[2:00–2:30 pm ET]
 - Susan Soccolich, Senior Research Associates at Virginia Tech Transportation Institute (VTTI)
 - Rebecca Hammond, Senior Research Associates at Virginia Tech Transportation Institute (VTTI)
- *BREAK #2*
[2:30–2:35 pm ET]



Can Fatigue Detection Technology Improve Safety?

Madeline Sprajcer, PhD

Lecturer
CQ University Australia

[Sprajcer fatigue detection technology.mp4](#)



Can Fatigue Detection Technology Improve Safety?

Madeline Sprajcer
(m.sprajcer@cqu.edu.au)

Please reach out to Madeline for questions



Analysis of Naturalistic Driving Data to Assess Distraction and Drowsiness in Drivers of Commercial Motor Vehicles

Susan Soccolich, MS
Rebecca Hammond, MS

Senior Research Associates
Virginia Tech Transportation Institute (VTTI)

Presenters, please share your screen



Analysis of Naturalistic Driving Data to Assess Distraction and Drowsiness in Drivers of Commercial Motor Vehicles

**Susan Soccolich (ssoccolich@vtti.vt.edu)
and Rebecca Hammond (rhammond@vtti.vt.edu)**

Questions?



BREAK #2

The NIOSH Oil and Gas safety and health program is interested in learning more about the industry's experiences managing fatigue and noise exposures.

Would you be willing to discuss your company's efforts at evaluating and managing fatigue and/or noise exposures with NIOSH scientists?

If so, please contact Bradley King at BKing1@cdc.gov.



Agenda, Day 2

- *BREAK #2*
[2:30–2:35 pm ET]
- **Fatigue Management Addressed in the US DOT PHMSA (read Pipeline) Control Room Management Regulations**
[2:35–3:00 pm]
 - Jeff Citrone, Kahuna Ventures LLC
- **Mindfulness Practices in the Context of Offshore Health and Safety**
[3:00–3:30 pm]
 - Peggy Lindner, University of Houston
- **Overview of Fitness for Duty: A Program Development Guideline**
[3:30–4:00 pm]
 - Robert Waterhouse, Energy Safety Canada



Fatigue Management Addressed in the US DOT PHMSA (read Pipeline) Control Room Management Regulations

Jeff Citrone, MS

Manager Health and Safety Compliance
Kahuna Ventures, LLC

Presenter, please share your screen



Fatigue Management Addressed in the US DOT PHMSA (read Pipeline) Control Room Management Regulations

Jeff Citrone
(jcitrone@kahunausa.com)

Questions?



Mindfulness Practices in the Context of Offshore Health and Safety

Peggy Lindner, PhD, MEng

Assistant Professor
University of Houston

Presenter, please share your screen



Mindfulness Practices in the Context of Offshore Health and Safety

Peggy Lindner
(plindner@central.uh.edu)

Questions?



Overview of Fitness for Duty: A Program Development Guideline

Robert Waterhouse, BSc, CIH

Program Manager
Energy Safety Canada

Presenter, please share your screen



Overview of Fitness for Duty: A Program Development Guideline

Robert Waterhouse
(robert.waterhouse@energysafetycanada.com)

Questions?



You may contact presenters directly for specific PDFs of presentations.

Selection of individual videos and slide decks will be presented on the Center for Health, Work, and Environment's website:

<https://coloradosph.cuanschutz.edu/research-and-practice/centers-programs/chwe/events/nora-oil-and-gas-extraction-summit>

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NORA Oil and Gas Extraction Summit

NORA Oil and Gas Extraction Spring Health and Safety Summit 2023

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Spring Health and Safety Summit 2023: Psychosocial Stressors in the Oilfield

April 12-13, 2023, 12:00-4:00 pm ET daily*

A free virtual summit highlighting state-of-the-art knowledge on assessment and control of workers' exposures to psychosocial stressors and health effects in the oilfield. Organized by the National Occupational Research Agenda (NORA) Oil and Gas Extraction Council. Hosted on Zoom Webinars by



Please DON'T FORGET to fill out the Summit evaluation form to receive your Certificate of Attendance!

THANK YOU for your attendance and participation!