

NORA OIL AND GAS EXTRACTION SECTOR COUNCIL RESEARCH AGENDA

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Joint Appalachian and Buckeye STEPS Meeting
18 July 2019



National Occupational Research Agenda (NORA)

[NORA](#) > [NORA Home Page](#) > [NORA Councils](#)



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About NORA

NORA Councils

Agriculture, Forestry and Fishing

Cancer, Reproductive,
Cardiovascular, and Other Chronic
Disease Prevention

Construction

Healthcare and Social Assistance

Hearing Loss Prevention

Healthy Work Design and Well-
Being

Immune, Infectious and Dermal
Disease Prevention

NORA Oil and Gas Extraction Council



Oil and Gas Extraction
Sector Council



[Research Agenda](#)

[Council members](#)

[Meetings](#)

Formed in 2008, the NORA for Oil and Gas Extraction Council includes industry representation from operating, drilling, and servicing companies; Occupational Safety and Health Administration; trade associations; academia; and major insurance companies. Together we determine and conduct priority research and identify emerging issues in the industry. Currently the council has formed workgroups to identify and conduct research and prevention activities in the following areas:

1. Motor vehicle safety
2. Safety
3. Health
4. Cross-cutting issues (includes leading indicators, contractor management and management of contracted work)

The National Occupational Research Agenda for Oil and Gas Extraction

Objective 1: Reduce Motor Vehicle Injuries and Fatalities

Objective 2: Reduce Non-vehicle Related Worker Injuries and Fatalities

Objective 3: Reduce Exposures to Hazards and Their Health Effects in Workers

Objective 4: Identify and Promote Proactive Strategies to Improve Oil and Gas Worker Safety and Health



Objective 1: Reduce Motor Vehicle Injuries and Fatalities

1. Seat belts
2. Driver coaching and in-vehicle technology
3. Reduce driver fatigue and driver distraction



Objective 2: Reduce Non-vehicle Related Worker Injuries and Fatalities

1. Hazard recognition
2. Reduce contact-related incidents
3. Increase the use of gas monitors
4. Well control
5. Increase root cause analysis of injury and near-miss incidents



Objective 3: Reduce Exposures to Hazards and Their Health Effects in Workers

1. Develop, implement, and evaluate controls for **known** and well-characterized exposures in the oil and gas extraction industry.
2. Evaluate anticipated but poorly characterized (**unknown**) exposures in the oil and gas extraction industry.
3. Prevent noise-induced hearing loss



Objective 4: Identify and Promote Proactive Strategies to Improve Oil and Gas Worker Safety and Health


1. leading indicators
2. safety management at multi-employer worksites
3. business case for safety
4. Identify work organization factors that contribute to occupational stress, anxiety, depression, fatigue, and adverse health outcomes

Want to help move this agenda forward?

How can you get involved?

2seconds2click.org

Seat belts should never have time off



Get Started ▾ Campaign Materials ▾ Measure Effectiveness (Optional) ▾

ARE YOUR EMPLOYEES BUCKLING UP?

It takes about two seconds to buckle your seat belt to reduce your chances of injury or death in a serious traffic crash by nearly half. There is no better return on investment.

✓ LAUNCH A 4-WEEK WORKPLACE CAMPAIGN

2seconds2click.org is a toolkit developed by the Network of Employers for Traffic Safety (NETS) in partnership with the National Highway Traffic Safety Administration (NHTSA). This step-by-step toolkit includes everything you need to create a 4-week seat belt campaign within your workplace.

It doesn't require much time or cost, but the potential for saving someone from injury or even death is immeasurable!

www.silica-safe.org

How can you get involved? Roll, Pull, Hold

<https://www.cdc.gov/niosh/mining/content/earplug.html>

How To Wear Soft Foam Earplugs

Keywords: Earplugs Ears

To get the best protection from your soft foam earplugs, remember to roll, pull, and hold when putting them in. Use clean hands to keep from getting dirt and germs into your ears!

1. Roll



Roll the earplug up into a small, thin "snake" with your fingers. You can use one or both hands.

2. Pull



Pull the top of your ear up and back with your opposite hand to straighten out your ear canal. The rolled-up earplug should slide right in.

3. Hold



Hold the earplug in with your finger. Count to 20 or 30 out loud while waiting for the plug to expand and fill the ear canal. Your voice will sound muffled when the plug has made a good seal.

Check the fit when you're all done. Most of the foam body of the earplug should be within the ear canal. Try cupping your hands tightly over your ears. If sounds are much more muffled with your hands in place, the earplug may not be sealing properly. Take the earplug out and try again.

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

