

What are our priorities?

CPWR-The Center for Construction Research and Training serves as the National Construction Center under a National Institute for Occupational Safety and Health (NIOSH) cooperative agreement. Since 1990, the Center's research has focused on reducing occupational injuries, illnesses, and fatalities in the construction industry. Current priorities include:

- Preventing injuries and fatalities, such as those caused by falls from roofs, ladders, and scaffolds
- Reducing hearing loss among construction workers
- Reducing hazardous respiratory exposures, especially from crystalline silica and emerging technologies
- Reducing work-related musculoskeletal disorders (MSDs)
- Putting research into practice

What do we do?

- Collaborate with the Occupational Safety and Health Administration (OSHA), NIOSH, and the National Occupational Research Agenda (NORA) Construction Sector Council on development, implementation, and promotion of the National Campaign to Prevent Falls in Construction and the [National Safety Stand-Down](#).
- Analyze data to track safety and health trends and changes in workforce demographics in construction, and identify emerging hazards and research needs, including among Hispanic workers who make up roughly 30% of U.S. construction workers.
- Investigate and develop tools to improve jobsite safety climate and safety leadership.
- Explore emerging hazards and offer guidance on potential risks and preventative measures.
- Bring together industry partners to engage construction workers and contractors in safety and health research and outreach.
- Provide stakeholders with ready access to information on occupational hazards, evidence-based interventions, and training resources through print and our family of websites, such as www.silica-safe.org, stopconstructionfalls.com and more.
- Translate research findings into practical tools and materials, many available in English and Spanish, to encourage their widespread adoption on construction jobsites, and develop tools to support researchers' research-to-practice (r2p) activities.

What have we accomplished?

- Disseminated [Quarterly Data Reports \(QDRs\)](#) on high priority topics, such as the increased burden of fatal injuries among small construction employers. The QDRs have been cited in articles in Safety+Health Magazine and Construction Dive.
- Piloted and launched bestbuiltplans.org (visited more than 2,000 times) to provide contractors and workers with practical tools, microgames, and information to plan for safe materials handling while staying productive and profitable. Articles have run in the Construction Financial Management Association's Building Profits Magazine, Inland Northwest AGC's newsletter, and California Department of Public Health's newsletter.
- Released the [Exposure Control Database \(ECD\)](#), an interactive task-based tool designed to help contractors predict exposure to workplace hazards, such as respirable crystalline silica, welding fume and noise.
- Distributed the [Construction Noise & Hearing Loss Prevention Training Program](#) at meetings of safety and health trainers and made it accessible to the industry through CPWR's website. The program includes modules and exercises that can be used on their own or as part of OSHA training programs.

What's next?

- Publish new research findings and data on isocyanates, falls, MSDs, and segments of the construction industry at disproportionate risk.
- Complete and analyze a survey of industry stakeholders to find ways to mitigate the risk for trench incidents and deaths.
- Plan and host the 5th annual [r2p Seminar and Partnership Workshop](#) with a focus on moving completed research into practice.
- Increase the content of the ECD by collecting exposure data from insurers, contractor associations, researchers and others, and promoting its use.
- Support the completion and implementation of the [r2p Roadmaps](#) developed for the Center's research projects.



Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

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At-A-Glance

CPWR is dedicated to reducing injuries, illnesses, and fatalities in the construction industry through training, research and service programs. This snapshot shows recent accomplishments and upcoming work.

Spotlight:
Infographics, Hazard Alert Cards, and other resources now available in Spanish

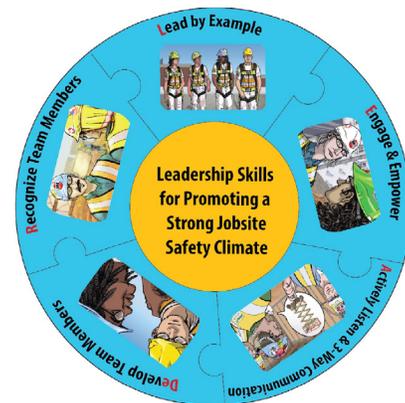
CPWR TALK **Confined Spaces**



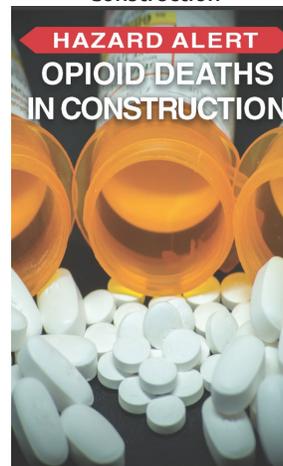
- ✘ Treat all confined spaces as hazardous. Do not enter a confined space without someone monitoring you.
- ✘ DO NOT enter a space until the air is tested for oxygen, flammable vapors, and toxic chemicals, and the space is safe from collapse.
- ✘ Exit the space immediately if an unsafe condition develops.

CPWR  RESEARCH AND TRAINING

Foundations for Safety Leadership (FSL)



Resources to Prevent Opioid Deaths in Construction



To learn more, visit <http://www.cpwr.com>