



THE CENTER FOR CONSTRUCTION
RESEARCH AND TRAINING

National Construction Center

**Update for NORA
Construction Sector Council**

November 17, 2020



Overview of Presentation



Research Projects

COVID-19 Resources

Data Center

Communications and *r2p*

Research Projects Underway (2019-2024)

Improved
OSHA 10

Reactive
Chemicals

Nano

PtD Diffusion

Evaluation of
Exoskeletons

SC-SMIS

Safety and Wellbeing
for Women through
Mentoring

Evaluation
of Best
Built Plans

Prevention
through
Augmented
Pre-Task
Planning

Leadership and
Fall Prevention
in Residential
Construction

Small Studies Program

- Since 1993, the National Construction Center has funded 125 small study awards with \$3.75 million
- Funding is available and a study may be proposed at any time
- Priority is aimed at:
 - Reaching high risk populations: small employers, vulnerable workers, residential and light commercial construction
 - Getting best practices adopted – research to practice (r2P)
 - Addressing emerging issues and exploring new technologies
 - Improving safety culture and safety climate
 - Exploring innovative or new directions in construction sciences
 - Evaluating promising research translation products
 - Disseminating good practices to small employers

- CPWR-NIOSH COVID-19 webinar series
- COVID-19 Construction Clearinghouse (www.covid.elcosh.org)
- COVID-19 Exposure Control Planning Tool (www.covidcpwr.org)
- COVID-19 Toolbox Talk downloaded +6,000 times and co-branded/ distributed by several organizations

COVID-19 Resources

Data Center Outputs



Four peer-reviewed
journal articles
(published)



Three CPWR Data
Bulletins (published)



Two CPWR Quarterly
Data Reports
(published)



56 data requests/
statistical
consultations

Communications

- From 09/2019 to 09/2020...
 - CPWR UPDATE Newsletter subscribers increased from 7,920 to 11,072 (+39%)
 - Contacts in our database grew from 10,898 to 14,414 (+32%)
 - Our research, products, and activities appeared in 100 stories -- 88 in trade and general interest publications; 12 in union publications

Research to Practice (r2p)

- Websites used for r2p (# sessions from 09/2019 to 09/2020)
 - www.stopconstructionfalls.com (33,181)
 - www.silica-safe.org (122,159)
 - www.cpwrconstructionsolutions.org (75,478)
 - www.choosehandsafety.org (21,012)
 - <http://safeconstructionnetwork.org> (2,864)
 - <http://ecd.cpwrconstructionsolutions.org> (1,981)
- Four new topic-specific sections on cpwr.com
 - Suicide Prevention www.cpwr.com/research/suicide-prevention-resources
 - Work Zone Safety www.cpwr.com/research/work-zone-safety
 - NORA Construction Sector Council and Workgroups www.cpwr.com/research/research-to-practice-r2p/r2p-partnerships/nora-construction-sector-council-meetings-workgroups/
 - Preventing Head Injuries www.cpwr.com/research/research-to-practice-r2p/r2p-library/other-resources-for-stakeholders/head-injuries/



Applications Open for the 2021 Liberty Mutual Safety Innovation Award

cpwr.com/safetyinnovationaward