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## XXXIst Annual International Occupational Ergonomics and Safety Conference June 12-13, 2019, New Orleans, LA, USA

### 2019 Conference - Papers Sorted by Session

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##### Wednesday - June 12, 2019

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##### Thursday - June 13, 2019

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Paper

[Effect of Temperature and Rest Intervals on Static Strength](#)*- Srikanth Sagar Bangaru, Fereydoun Aghazadeh, and Chao Wang*[Perceived Postural Instability during Simulated Lifting Tasks in Construction Workers](#)*- Liangjie Guo, Yunsheng Zhao, and Shuping Xiong*[Spine Compression Recovery as a Diagnostic for Chronic Back Pain](#)*- Uwe Reischl and Ravindra S. Goonetilleke*[Quantifying Grip Strength Requirements While Riding Freight Cars During Slack Action Events—A Preliminary Investigation](#)*- George B. Page, Steve D. Fleming, Doris Burns, John Grogan, and Greg G. Weames*[Lateral Ankle-Center of Mass Inclination Angles as a Measure of Dynamic Postural Instability while Cross-Slope Roof Walking](#)*- Scott P. Breloff, Robert E. Carey, Chip Wade, and Dwight E. Waddell*[Back to Top](#)

Session II - Occupational Safety and Health

Paper

[Productivity and Physical Load Evaluation of Selected Assistive Tools for Ceiling Drywall Installation](#)*- Gabriel Ibarra-Mejia, Priyadarshini Dasgupta, and Sang D. Choi*[Importance of Training Methods in Safety: A Model Training Program](#)*- William Colby Campbell, Priyadarshini Dasgupta, Daniel Cuevas, and Lawrence Mauerman*



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[Assessment of Commonly Used Training Techniques and their Overall Effectiveness on the Younger Workforce](#)

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[Intervention Policy Effectiveness in Incident Rate Reduction in General Manufacturing: A Case Study](#)

- *Meredith Dentice Johnson and Naira Campbell-Kyureghyan*

[Health Literacy as a Predictor of Worker Perceptions of Safety in the Workplace](#)

- *Priyadarshini Dasgupta, Alissa M. Dickey, and Devin McCrory*

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[Shock Absorption Performance of Construction Helmets under Repeated Top Impacts](#)

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[Effects of Impactor Mass in Top Impact Tests in Evaluation of Shock Absorption Performance of Construction Helmets: A Preliminary Study](#)

- *John Z Wu, Christopher S. Pan, and Bryan M. Wimer*

[Computer-Assisted Technologies: Reduce Safety, Health and Ergonomic Exposures on Construction Worksites and Improve Project Quality and Efficiency - An Overview](#)

- *James G. Borchardt and Sang D. Choi*

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- *Eduardo M. Sosa, James M. Dean, and Joshua R. Brady*

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- *Robert E. Carey, John Z. Wu, Chris M. Warren, Ren G. Dong, and Scott P. Breloff*

[Design of Belt-type Airbag Cushion System for Preventing Pelvic Injury from Falls](#)

- *Yejin Lee and Kwangtae Jung*

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[Women and Exoskeletons: Design and its Effect on Fit and Comfort](#)

- *Samantha L. Haning and Diana J. Schwerha*

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