REVIEWER FOR

International Journal of Industrial Ergonomics
Occupational Ergonomics
Journal of Safety Health & Environmental Research

PROGRAM EVALUATOR FOR

ABET Applied Science Accreditation Commission

PUBLICATIONS

Peer-Refereed Journal Publications


Book Chapters


Publications Submitted/in Preparation


Peer-Reviewed Conference Proceedings

Yuan L, Buvens M. Ergonomic Evaluation of Scaffold Building. The 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015), Las Vegas, NV. (accepted)
Yuan L. Engaging OSH&E Students in Research through a Research and Development Course. The American Society of Safety Engineers’ Professional Development Conference & Exposition 2015 (Safety 2015), Dallas, TX. (accepted)


Yuan L, Stockman A, Grimes S, Alkadi G. (2009) PATHSoft®: A software system for computerized work sampling-based methodology. Proceedings of the 13th International Conference on Human-Computer Interaction (HCI International 2009), San Diego, CA, USA. (accepted by the conference but not included in the proceedings due to non-participation)


Other Publications

Yuan L, Rosenberg B, Fulmer S. (2005) Having a blast! HeathBeat (Healthcare Practice Specialty Newsletter, American Society of Safety Engineers)


PRESENTATIONS

Peer-Reviewed Conference Presentations


Yuan L. (2011) Demonstrating achievement - Experience from planning for the ABET visit. 2011 ABET Symposium, Indianapolis, IN.


**Other Presentations**

Yuan L. (2014) Validation of an integrated biomechanical modeling approach to the ergonomic evaluation of drywall installation. The Thirteenth Annual Faculty Conference on Teaching, Research & Creativity in the Center for Faculty Excellence at Southeastern Louisiana University, Hammond, LA.

Kelley B, Yuan, L. (2014) An analysis of grip strength data. The Annual Southeastern Students’ Research, Creative and Scholarly Activities Showcase, Southeastern Louisiana University, Hammond, LA.

Yuan L. (2013) Reducing ergonomic injuries for librarians using a participatory approach. The Twelfth Annual Faculty Conference on Teaching, Research & Creativity in the Center for Faculty Excellence at Southeastern Louisiana University, Hammond, LA.


Yuan L. (2012) Enhancing teaching quality and effectiveness of a library ergonomics training program. The Eleventh Annual Faculty Conference on Teaching, Research & Creativity in the Center for Faculty Excellence at Southeastern Louisiana University, Hammond, LA.


Musculoskeletal Disorders, Center for Occupational and Environmental Health Continuing Education Program, University of California Berkeley, CA.


RESEARCH SUPPORT

Current Funding

Past Funding

Effects of Position and Size of Drywall on the Physical Demands for Drywall Installers
CPWR (Center for Construction Research and Training)
Role: Principal Investigator
Period Covered: March 1, 2012 - February 28, 2013
Reducing Ergonomic Injuries for Librarians Using a Participatory Approach
NIOSH Southwest Center for Occupational and Environmental Health (SWCOEH)
Role: Principal Investigator
Period Covered: July 1, 2010 - June 30, 2011

Knee Disorders and Occupational Biomechanical Risks - Health Data Analysis and Synthesis
NIOSH through UMass Lowell
Role: Principal Investigator
Period Covered: May 1, 2009 - August 31, 2009

Knee Disorders and Occupational Biomechanical Risks - Health Data Analysis
NIOSH through UMass Lowell
Role: Principal Investigator
Period Covered: July 1, 2008 - December 31, 2008

Biomechanical Evaluation of Air Stretcher as Alternative for Carpet Knee-kicker (Not physically involved because of relocation)
Harvard-NIOSH Education and Research Center (ERC)
Role: Principal Investigator
Period Covered: July 1, 2007 - June 30, 2008

Knee Disorders and Occupational Biomechanical Risks
NIOSH
Role: Project Manager
Period Covered: September 1, 2006 - August 31, 2009

Biomechanical Analysis of the Low Back and Shoulder during Drywall Installation
Harvard-NIOSH Education and Research Center (ERC)
Role: Principal Investigator
Period Covered: July 1, 2005 - June 30, 2006

Submitted/in Preparation

Ergonomic Evaluation of Drywall Stabilizing Clip
CPWR (Center for Construction Research and Training)
Role: Principal Investigator
Period Covered: June 1, 2015 - May 31, 2016 (in preparation)

A Participatory Approach to Improving Ergonomics in Libraries
OERC (Office Ergonomics Research Committee)
Role: Principal Investigator

Ergonomic Evaluation of Drywall Stabilizing Clip
ASSE Foundation
Role: PI
Period Covered: June 1, 2013 - May 31, 2014 (submitted in April 2013 - no funds)

**Nerve Stimulus Transfer Device for People with Feeling Loss in Their Feet**  
Louisiana Board of Regents Industrial Ties Research Subprogram (ITRS)  
Role: Co-PI  
Period Covered: June 1, 2012 - June 30, 2015 (submitted in November 2011 - rejected)

**A Participatory Ergonomics Approach to Reduce Injuries for Librarians**  
Louisiana Board of Regents Research Competitiveness Subprogram (RCS)  
Role: PI  
Period Covered: June 1, 2010 - June 30, 2012 (submitted in November 2009 - rejected)

**Development of LeanSafe: a Practical Method and Implementation Tool to Assess and Improve Plant Operating Efficiency and Safety**  
Louisiana Board of Regents Industrial Ties Research Subprogram (ITRS)  
Role: Co-PI  
Period Covered: May 1, 2009 - May 1, 2012 (submitted in November 2008 - rejected)