REVIEWER FOR

International Journal of Industrial Ergonomics
Occupational Ergonomics

PUBLICATIONS

Publications with Peer Review


Publications Submitted/in Preparation

Yuan L, Buchholz B, Dale AM. Knee disorders among carpenters in the St. Louis area. The Open Occupational Health & Safety Journal. (accepted)

Yuan L, Buchholz B, Punnett L, Kriebel D. Integration of work sampling, computer simulation and biomechanical modeling for the ergonomic evaluation of drywall installation. (in preparation)

Other Publications

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


Conference Proceedings


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)


PRESENTATIONS

Conference Presentations


Yuan, L. (2010) Demonstrating achievement - Experience from planning for the ABET visit. 2011 ABET (Accreditation Board for Engineering and Technology) Symposium, Indianapolis, IN. (accepted)


**Other Presentations**


**RESEARCH SUPPORT**

**Current Funding**

*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

**Past Funding**

*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**

*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, 2011 - February 29, 2012 (in preparation)

A Case-Control Study of Knee Injuries for Union Carpenters
NIOSH
Role: Co-PI
Period Covered: June 1, 2011 - May 31, 2014 (in preparation)

A Participatory Ergonomics Approach to Reduce Injuries for Librarians
Louisiana Board of Regents Research Competitiveness Subprogram (RCS)
Role: Principal Investigator
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)