

**LU YUAN, Sc.D., CSP**  
(CV as of September 20, 2017)

**OFFICE ADDRESS**

Department of Computer Science & Industrial Technology  
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**EDUCATION**

Sc.D., Occupational Ergonomics and Safety, University of Massachusetts Lowell, 2006  
M.S., Occupational Ergonomics and Safety, University of Massachusetts Lowell, 2004  
B.E., Safety Engineering, Beijing Institute of Technology, China, 2000

**CERTIFICATION**

Certified Safety Professional (CSP), 2013

**RESEARCH INTERESTS**

Occupational ergonomics and biomechanics: biomechanical model simulation and analysis, ergonomics job analysis

Occupational and environmental safety and health: job hazard analysis, safety training and surveillance, occupational and environmental health assessment

Human factors engineering: human-work-environment interface design and evaluation

**COURSES TAUGHT**

OSHE 111 Introduction to Occupational Safety, Health, and Environment  
OSHE 112 Design of Hazard Controls  
OSHE 242 Ergonomics  
OSHE 382 Construction Safety  
OSHE 421 Measurement of Safety Performance and Accident Investigation and Analysis  
OSHE 424 System Safety Methodologies  
ENGT 305 Human Factors Engineering

**EXPERIENCE**

**Positions and Employment**

*Interim Head of Department of Computer Science and Industrial Technology, Associate Professor of Occupational Safety, Health & Environment, Southeastern Louisiana University (July 2015 - Present)*

Oversee the Department of Computer Science and Industrial Technology and perform the duties as specified in <http://goo.gl/6Rw0tB> (page 20)

*Associate Professor & Coordinator of Occupational Safety, Health & Environment, Department of Computer Science and Industrial Technology, Southeastern Louisiana University (August 2013 - June 2015)*

Coordinated Occupational Safety, Health & Environment program; Taught Occupational Safety, Health & Environment courses; and Conducted Occupational Safety, Health & Environment research

*Assistant Professor, Department of Computer Science and Industrial Technology, Southeastern Louisiana University (August 2007 - August 2013)*

Taught Occupational Safety, Health & Environment courses; Coordinated mutual activities with industry, professional, and government agencies; and Helped with the development of research involving undergraduate students and/or students enrolled in the Masters of Integrated Science and Technology

*Project Manager, Knee Disorders and Occupational Biomechanical Risks, University of Massachusetts Lowell (October 2006 - August 2007)*

Coordinated hazard identification/job analysis tasks and facilitate focus groups of union carpenters; Interfaced with the Carpenters' Health and Welfare Fund for injury data

*Research Assistant, Construction Occupational Health Program, Department of Work Environment, University of Massachusetts Lowell (September 2001 - May 2005)*

Conducted ergonomics job analysis, ergonomic exposure assessment, and intervention evaluation in different construction operations

*Quality Control Engineer, Department of Flavors, International Flavors & Fragrances (China) Ltd., Guangzhou, China (September 2000 - June 2001)*

Measured physical and chemical constants, tasted orally, sampled, and checked specification data

## **Other Experience**

*Serve as the ASSE Academics Practice Specialty Administrator (July 2017 - Present)*

*Approved as a Commission Member of the 2017-2018 ABET (Accreditation Board for Engineering and Technology) Applied and Natural Science Accreditation Commission (April 2017)*

*Completed an ABET site visit to the Occupational Safety and Health Program at Murray State University (October 2016)*

*Organized the Academic Forum at the ASSE (American Society of Safety Engineers) Safety 2016 PDC in Atlanta (June 2016)*

*Approved as New Commission Member of the 2016-2017 ABET Applied Science Accreditation Commission (March 2016)*

*Served as the ASSE Academics Practice Specialty Assistant Administrator (July 2015 - July 2017)*

*Completed an ABET site visit to the Fire Protection and Safety Engineering Technology Program at Eastern Kentucky University (October 2014)*

*Received the Louisiana State Licensing Board for Contractors Professorship (August 2014)*

*Provided a Lunch and Learn Workshop “Implementing Group Work in the Classroom,” Center for Faculty Excellence, Southeastern Louisiana University (March 2014)*

*Obtained the BCSP (Board of Certified Safety Professionals) CSP (Certified Safety Professional) credential (December 2013)*

*Reviewed a proposal for the 2013-2014 NIOSH Pilot Projects Research Training Program at the Southwest Center for Occupational and Environmental Health (June 2013)*

*Reviewed a proposal for a new edition book entitled "Occupational Ergonomics: Work Related Musculoskeletal Disorders of the Upper Limb and Back, Second Edition" for CRC Press (December 2012)*

*Completed an ABET site visit to the Occupational Safety and Health Bachelor of Science Program at the Montana Tech of the University of Montana (October 2012)*

*Obtained the BCSP ASP (Associate Safety Professional) designation (June 2012)*

*Reviewed the book proposal for Building Construction Safety for John Wiley & Sons Publishers (June 2011)*

*Completed the ABET Program Evaluator Training by ABET (June 2011)*

*Chaired Session: Ergonomics and Safety in Construction at the IIE (Institutes of Industrial Engineers) 61<sup>st</sup> Annual Conference and Expo (May 2011)*

*Completed the CPR (Cardiopulmonary Resuscitation) Training Certificate by PS Safety & Risk management, LLC (October 2010)*

*Completed the Certificate for University Teaching and Learning on Course Portfolios, Center for Faculty Excellence, Southeastern Louisiana University (Spring 2009)*

*Intergenerational Working Conference on Women and Science Research: Learning from the Past to Face the Future, University of Massachusetts Lowell (October 2006 - March 2007)*

*Analyzed qualitative data from questionnaires and meeting transcripts using NVIVO software*

*“Biomechanical Analysis of the Physical Loads on the Low Back and Shoulder during Drywall Installation” (September 2004 - September 2006)*

Doctor of Science dissertation, focusing on estimating and comparing muscle contraction forces, joint resultant forces, and muscle fatigue at the low back and the shoulder before and after the ergonomic interventions in construction drywall installation

*Center for the Promotion of Health in the New England Workplace, University of Massachusetts Lowell* (May 2006 - September 2006)

Coded questionnaire data using TeleForm software and participated in exposure assessment methodology training

*Promoting Healthy and Safe Employment in Healthcare, University of Massachusetts Lowell* (June 2005 - May 2006)

Coded OSHA log and facility injury claim data for hospitals and nursing homes

*Injury study on the Boston Central Artery Tunnel (CA/T) highway construction project, Department of Work Environment, University of Massachusetts Lowell* (June 2005 - August 2005)

Qualitative research on construction insurance program and analyses of contractor and sub-contractor violations and citations

*Auto Mechanics Project, Department of Work Environment, University of Massachusetts Lowell, sponsored by New Hampshire Automobile Dealers Association* (December 2004 - April 2005)

Conducted field observation and interviews and participated in ergonomics training

*Ergonomics intervention study of electrical conduit installation, Project of improving health on Boston's Central Artery Tunnel (CA/T) construction* (June 2003 - August 2003)

Collected field data and conducted biomechanical analysis using 3-Dimensional Static Strength Prediction Program

*"Evaluation of Hydroblasting and Steel Shot Blasting as Substitutes for Sandblasting"* (September 2002 - May 2003)

Master of Science project, integrating the analyses on health and efficacy of abrasives, ergonomic concerns, and economic impacts of different abrasive blasting techniques

*Completed an OSHA 10-hour occupational safety and health training course in Construction Safety & Health, Dorchester, MA* (January 2003)

## **AFFILIATIONS**

American Society of Safety Engineers, 2004-present

Industrial Hygiene Practice Specialty, 2007-2010

Academics Practice Specialty, 2011-present

International Society of Biomechanics, 2005-2016

American Society of Biomechanics, 2006-2009

Human Factors and Ergonomics Society, 2006-present

Occupational Ergonomics Technical Group, 2006-present

Safety Technical Group, 2007-2009

American Public Health Association, 2007-2008

American Industrial Hygiene Association, 2009-present

Academics Special Interest Group, 2009-present

International Society for Occupational Ergonomics & Safety, 2009-present  
Institute of Industrial Engineers, 2011-present

## **REVIEWER FOR**

International Journal of Industrial Ergonomics  
Occupational Ergonomics  
Journal of Safety Health & Environmental Research  
Safety and Health at Work

## **COMMISSIONER AND PROGRAM EVALUATOR FOR**

ABET Applied and Natural Science Accreditation Commission

## **PUBLICATIONS**

### **Peer-Refereed Journal Publications**

Yuan L, Buchholz B, Punnett L, Kriebel D. (2016) An integrated biomechanical modeling approach to the ergonomic evaluation of drywall installation. *Applied Ergonomics*. 53: 52-63.

Choi S, Yuan L, Borchardt J. (2016) Musculoskeletal disorders in construction: practical solutions from the literature. *Professional Safety*. January 2016: 26-32.

Yuan L. (2015) Ergonomic Evaluation of Scaffold Building. *Procedia Manufacturing*. 3: 4338-4341.

Yuan L. (2015) Reducing ergonomic injuries for librarians using a participatory approach. *International Journal of Industrial Ergonomics*. 47: 93-103.

Yuan L, Buchholz B, Dale AM. (2011) Knee disorders among carpenters in the St. Louis area. *The Open Occupational Health & Safety Journal*. 3: Suppl 1-M4, 31-38.

Rosenberg B, Yuan L, Fulmer S. (2006) Ergonomics of abrasive blasting: a comparison of high pressure water and steel shot. *Applied Ergonomics*. 37: 659-667.

### **Book Chapters**

Yuan L. (2013) Validation of an integrated biomechanical modeling approach to the ergonomic evaluation of drywall installation. In *Digital Human Modeling and Applications in Health, Safety, Ergonomics, and Risk Management: Human Body Modeling and Ergonomics (Part II)*, edited by Duffy V, pp. 159-168, Springer-Verlag Berlin Heidelberg.

Yuan L. (2012) Reducing ergonomic injuries for librarians using a participatory approach. In *Advances in Usability Evaluation Part I*, edited by Soares MM and Rebelo F, pp. 161-170, CRC Press.

### **Publications Submitted/in Preparation**

Yuan L, Buchholz B. The effects of position and size of drywall on the physical demands for installers. *Applied Ergonomics*. (in preparation)

### **Peer-Reviewed Conference Proceedings**

Yuan L. (2017) A Real-World Ready (RWR) initiative to engage students in conducting construction safety research. Proceedings of the XXIXth Annual Occupational Ergonomics and Safety Conference, Seattle, WA, USA.

Yuan L. (2015) 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.

Yuan L, Buchholz B. (2014) The effects of position and size of drywall on the physical demands for installers. The HFES (Human Factors and Ergonomics Society) 2014 International Annual Meeting, Chicago, IL.

Choi S, Yuan L, Borchardt J. (2014) Critical analyses of work-related musculoskeletal disorders and practical solutions in construction. The HFES 2014 International Annual Meeting, Chicago, IL.

Yuan L, Bonnette J. (2014) Value of Industrial Internship in the Occupational Safety, Health, and Environment Program. The American Society of Safety Engineers' Professional Development Conference & Exposition 2014 (Safety 2014), Orlando, FL.

Yuan L. (2013) Developing a framework for comprehensive assessment of the OSH&E program outcomes. The American Society of Safety Engineers' Professional Development Conference & Exposition 2013 (Safety 2013), Las Vegas, NV.

Yuan L. (2012) Learning OSHA construction standards through a participatory approach. Proceedings of the American Society of Safety Engineers' Professional Development Conference & Exposition 2012 (Safety 2012), Denver, CO.

Yuan L, Culberson G. (2011) Effectiveness of a library ergonomics training program. Proceedings of the 55<sup>th</sup> Annual Meeting of Human Factors and Ergonomics Society, Las Vegas, NV.

Fulmer S, Jing X, Yuan L, Dasgupta PS, Schugardt B, Dale AM, Buchholz B. (2010) Biomechanical risk factors for knee disorders in carpenters. Proceedings of the 54<sup>th</sup> Annual Meeting of Human Factors and Ergonomics Society, San Francisco, CA.

Jing X, Fulmer S, Dasgupta PS, Yuan L, Buchholz B. (2010) Quantitative ergonomics exposure assessment for floor coverers in the greater Boston area. Proceedings of the 54<sup>th</sup> Annual Meeting of Human Factors and Ergonomics Society, San Francisco, CA.

Yuan L, Buchholz B, Fulmer S, Jing X. (2009) Knee disorders among union carpenters. Proceedings of the 17<sup>th</sup> World Congress on Ergonomics (IEA 2009), Beijing, China.

Jing X, Parikh, PJ, Yuan L, Trudeau M, Dennerlein JT, Buchholz, B. (2009) Biomechanical evaluation of the air stretcher as an alternative for the carpet knee kicker. Proceedings of the 17<sup>th</sup> World Congress on Ergonomics (IEA 2009), Beijing, China.

Yuan L, Buchholz B, Dale AM. (2009) Examination of occupational knee disorders among carpenters in the St. Louis area. Proceedings of the XXIst Annual International Occupational Ergonomics and Safety Conference 2009, Dallas, TX, USA.

Yuan L, Stockman A, Grimes S, Alkadi G. (2009) PATHSoft<sup>®</sup>: A software system for computerized work sampling-based methodology. Proceedings of the 13<sup>th</sup> 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)

Yuan L, Buchholz B, Punnett L, Kriebel D. (2007) Estimation of muscle contraction forces and joint reaction forces at the low back and shoulder during drywall installation. Proceedings of the 51<sup>st</sup> Annual Meeting of Human Factors and Ergonomics Society, Baltimore, MD.

Brunette MJ, Rayman P, Bond M, Yuan L. (2007) A Delphi study to structure a working conference on women's success in science, technology, engineering and mathematics (STEM). Proceedings of the 2007 American Society of Engineering Education Annual Conference & Exposition, Honolulu, HI.

Gold JE, Fulmer S, Tak S, Yuan L. (2006) Ergonomic hazards in automotive service technicians. Proceedings of the International Ergonomics Association 16<sup>th</sup> World Congress on Ergonomics, Maastricht, Netherlands.

## **Other Publications**

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

Yuan L, Rosenberg B, Fulmer S. (2003) Having a blast! *On the Beam* (Newsletter, Construction Occupational Health Program, University of Massachusetts Lowell). 6(1):5.

## **PRESENTATIONS**

### **Peer-Reviewed Conference Presentations**

Yuan L. (2012) Development of course portfolios for assessment of program outcomes. 2012 ABET (Accreditation Board for Engineering and Technology) Symposium, St. Louis, MO.

Yuan L, Buchholz B. (2011) Ergonomics of drywall installation: Effects of drywall position and size. IIE Annual Conference and Expo 2011, Reno, NV.

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

Yuan L. (2010) Building a strong and efficient industrial advisory committee for the ABET accreditation. 2010 ABET Symposium, Las Vegas, NV.

Ikuma L, Nahmens I, Yuan L. (2009) The use of Lean production and safety initiatives in construction. IIE (Institutes of Industrial Engineers) Annual Conference and Expo 2009, Miami, FL.

Yuan L, Buchholz B. (2007) Evaluation of ergonomic intervention strategies for drywall installation. The 135<sup>th</sup> Annual Meeting and Exposition of the American Public Health Association, Washington, D.C.

Yuan L, Buchholz B. (2007) Examination of muscle fatigue during a simulated workday of drywall installation. The Sixth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders (PREMUS 2007), Boston, MA.

### **Other Presentations**

Yuan L. (2016) Engaging OSH&E students through class, research, and community service. 2016 ASSE Leadership Conference, Oak Brook, IL.

Cothell D, Mercante J, Trosclair J, Yuan, L. (2016) Redesign of a motor vehicle inspection station. The Annual Southeastern Students' Research, Creative and Scholarly Activities Showcase, Southeastern Louisiana University, Hammond, LA.

Yuan L. (2015) Ergonomic needs of the petrochemical industry. The 2015 Louisiana Occupational Health Conference, Baton Rouge, LA.

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. (2014) Essentials of group work. Southeastern Louisiana University Center for Faculty Excellence Lunch N Learn Workshop, 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.

Bankston S, Bass C, Babineaux S, Yuan L. (2013) An ergonomic job analysis of a hair salon. The Annual Southeastern Students' Research, Creative and Scholarly Activities Showcase, 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.

Culberson G, Yuan L. (2011) Effectiveness of a library ergonomics training program. The Annual Southeastern Students' Research, Creative and Scholarly Activities Showcase, Southeastern Louisiana University, Hammond, LA.

Yuan, L. (2011) Reducing ergonomic injuries for librarians using a participatory approach. NIOSH Pilot Projects Research Training Program 12<sup>th</sup> Annual Awardees Presentation, Houston, TX.

Yuan, L. (2010) Reducing ergonomic injuries for librarians using a participatory approach. City of Baton Rouge Safety Committee Meeting, Baton Rouge, LA.

Yuan L, Alkadi G, Shurtz T, Joiner K, Jackson B, Stockman A, Grimes S, Riggio A. (2009) PATHSoft<sup>®</sup>: A software system for computerized work sampling-based methodology. CSIT Fall 2009 Seminar Series. Department of Computer Science & Industrial Technology, Southeastern Louisiana University, Hammond, LA.

Buchholz B, Fulmer S, Yuan L, Jing X, Dale AM. (2008) Knee disorders and occupational biomechanical risks in carpenters. Ergonomic Interventions and Research: Preventing Workplace Musculoskeletal Disorders, Center for Occupational and Environmental Health Continuing Education Program, University of California Berkeley, CA.

Jing X, Parikh PJ, Yuan L, Trudeau M, Dennerlein JT, Buchholz B. (2008) Biomechanical evaluation of air stretcher as alternative for carpet knee kicker. Harvard-NIOSH Education and Research Center Pilot Project Symposium, Boston, MA.

Yuan L. (2007) Evaluation of ergonomic intervention efficacy in drywall installation. University of Connecticut Health Center - University of Massachusetts Lowell Semi-Annual Symposium, Sturbridge, MA.

Yuan L, Buchholz B. (2006) Biomechanical analysis of the low back and shoulder during drywall installation. Harvard-NIOSH Education and Research Center Pilot Project Symposium, Boston, MA.

Yuan L, Buchholz B. (2006) Biomechanical analysis of the physical loads during drywall installation. American Society of Safety Engineers Greater Boston Chapter joint technical meeting, Lowell, MA.

Yuan L. (2005) The journey to a comprehensive biomechanical analysis of drywall installation. University of Connecticut Health Center – University of Massachusetts Lowell Semi-Annual Symposium, Sturbridge, MA.

Yuan L, Buchholz B. (2003) Comparison of hand forces and wrist moments between hydroblasting and steel shot blasting using a biomechanical wrist model. Human Factors and Ergonomics Society New England Chapter Student Conference, Medford, MA.

Yuan L, Buchholz, B. (2003) Comparison of hand forces and wrist moments between hydroblasting and steel shot blasting using a biomechanical wrist model. University of Massachusetts Lowell Sixth Annual Student Research Symposium, Lowell, MA.

Tak S, Yuan L. (2002) Intervention to Ironworkers' Concrete Placing Task. University of Massachusetts Lowell Francis College of Engineering Student Research Symposium, Lowell, MA.

## **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**

*A Participatory Approach to Improving Ergonomics in Libraries*

OERC (Office Ergonomics Research Committee)

Role: Principal Investigator

Period Covered: January 1, 2014 - December 31, 2014 (submitted in August 2013 - rejected)

*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)

## **AWARDS AND HONORS**

Grant for travel and accommodation at the ASSE (American Society of Safety Engineers) Professional Development Conference & Exposition (Safety 2017), Denver, CO. GBRIA (Greater Baton Rouge Industrial Alliance, Inc.) (May 2017)

Grant for travel and accommodation at the XXIXth Annual Occupational Ergonomics and Safety Conference, Seattle, WA. Center for Faculty Excellence, Southeastern Louisiana University (April 2017)

GBRIA 2016 Craft Workforce Development Champion Award (September 2016)

Grant for travel and accommodation at the ASSE Professional Development Conference & Exposition (Safety 2016), Atlanta, GA. GBRIA (May 2016)

Grant for travel and registration at the 6th International Conference on Applied Human Factors and Ergonomics 2015 (AHFE 2015), Las Vegas, NV. Center for Faculty Excellence, Southeastern Louisiana University (July 2015)

ASSE Outstanding Safety Educator Award (June 2015)

ASSE New Orleans Chapter Delegate at the ASSE Professional Development Conference & Exposition 2015 (Safety 2015), Dallas, TX. (June 2015)

Grant for travel and accommodation at the ASSE Professional Development Conference & Exposition (Safety 2015), Dallas, TX. GBRIA (April 2015)

Grant for travel and accommodation at the 2014 International Annual Meeting of Human Factors and Ergonomics Society, Chicago, IL. Center for Faculty Excellence, Southeastern Louisiana University (September 2014)

ASSE New Orleans Chapter Delegate at the ASSE Professional Development Conference & Exposition 2014 (Safety 2014), Orlando, FL. (June 2014)

Grant for travel and registration at the 15th International Conference on Human-Computer Interaction (HCI International 2013), Las Vegas, NV. Center for Faculty Excellence, Southeastern Louisiana University (July 2013)

Student Technology Fee Small Project Grant *Improving Student's Knowledge and Skills of Using Safety-Related Instrument/Equipment*. Office of Technology, Southeastern Louisiana University (March 2013)

Grant for travel and registration at the 4th International Conference on Applied Human Factors and Ergonomics 2012 (AHFE 2012), San Francisco, CA. Center for Faculty Excellence, Southeastern Louisiana University (July 2012)

Langlois-Weigand Award, ASSE Greater Baton Rouge Chapter (May 2012)

Terrance M. Hennessy Professional Education Grant, ASSE Foundation (April 2012)

Grant for travel and accommodation at the ASSE Professional Development Conference & Exposition (Safety 2012), Denver, CO. Greater Baton Rouge Industrial Alliance, Inc. (GBRIA) (March 2012)

Grant for travel and accommodation at the 55<sup>th</sup> Annual Meeting of Human Factors and Ergonomics Society, Las Vegas, NV. Center for Faculty Excellence, Southeastern Louisiana University (July 2011)

Teaching Enhancement Grant for participation at the 2011 ABET Symposium, Indianapolis, IN. Center for Faculty Excellence, Southeastern Louisiana University (February 2011)

Grant for travel and accommodation at the 54<sup>th</sup> Annual Meeting of Human Factors and Ergonomics Society, San Francisco, CA. Center for Faculty Excellence, Southeastern Louisiana University (September 2010)

Grant for travel and accommodation at the 2010 ABET Symposium, Las Vegas, NV. Center for Faculty Excellence, Southeastern Louisiana University (March 2010)

Teaching Enhancement Grant for participation in the ABET Commission Summit, San Antonio, TX. Center for Faculty Excellence, Southeastern Louisiana University (October 2009)

Grant for travel and accommodation at the XXIst Annual International Occupational Ergonomics and Safety Conference 2009, Dallas, TX. Center for Faculty Excellence, Southeastern Louisiana University (April 2009)

Teaching Enhancement Grant for participation at the ABET Workshop on Assessing Course and Program Outcomes, Tampa, FL. Center for Faculty Excellence, Southeastern Louisiana University (October 2007)

Grant for travel and accommodation at the 51<sup>st</sup> Annual Meeting of Human Factors and Ergonomics Society Baltimore, MD and the 135<sup>th</sup> Annual Meeting and Exposition of the American Public Health Association Washington, D.C. Center for Faculty Excellence, Southeastern Louisiana University (September 2007)

Grant for travel and accommodation at the ASSE Professional Development Conference & Exposition: Safety 2005, New Orleans, LA. American Society of Safety Engineers and University of Massachusetts Lowell (June 2005)

Norm LaMontagne Scholarship, ASSE Greater Boston Chapter (May 2005)

Greater Boston Chapter Leadership Award, ASSE Foundation (April 2005)

Club Member of the Year Award, Graduate Student Association, University of Massachusetts Lowell (May 2004)

Student Research Poster Award, Student Research Symposium, Francis College of Engineering, University of Massachusetts Lowell (February 2002)

## **ACTIVITIES**

ASSE Outstanding Student Section Award Evaluation Committee Member (January 2013 - present)

Institutional Effectiveness Committee University Academic Assessment Subcommittee Member (August 2010 - August 2015), Southeastern Louisiana University

Faculty Advisor (August 2007 - May 2017), Southeastern Louisiana University Student Section of the American Society of Safety Engineers

Safety Committee Member (September 2008 - May 2012), Southeastern Louisiana University

Senator (September 2005 - May 2006), UMass Lowell Student Section of the American Society of Safety Engineers Greater Boston Chapter

Membership Officer (September 2003 - May 2006), UMass Lowell Student Chapter of Human Factors and Ergonomics Society

President (September 2003 - May 2004), Graduate Student Association, University of Massachusetts Lowell

Vice President (September 2002 - May 2003), Chinese Student and Scholar Association, University of Massachusetts Lowell