



Applied Cognitive Sciences

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LICENSE:

Associate Human Factors Professional, January 2018-present
By the Board of Certification in Professional Ergonomics
License Number: 2208

Associate Safety Professional, 2015-present
By the Board of Certified Safety Professionals
License Number: 24715

Certified XL Tribometrist, 2015-present
By the International Safety Academy
License Number: 1511574

EDUCATION:

San José State University, 2018
M.S. in Human Factors & Ergonomics
Department of Industrial & Systems Engineering
GPA: 4.0 out of 4.0

Eastern Washington University, 2015
B.S. in Technology – Manufacturing Option
Department of Engineering
Graduated Cum Laude

PROFESSIONAL EXPERIENCE:

Applied Cognitive Sciences (2014-present): I was initially hired as an intern and shortly thereafter appointed to a full time permanent position as an Assistant Engineer, wherein I took on a broader area of responsibilities including: reading and generating summaries of discovery material, accident case file material, and depositions; conducting research in the field of safety and risk management; and conducting accident scene site inspections which involves making relevant field observations, taking measurements and photographs, documenting all relevant information, as well as conducting both on scene and laboratory testing. As an Assistant Engineer, I was involved in the investigation and analysis of several hundred legal cases, for both the plaintiff and defense, nationwide. I am currently an Associate Engineer wherein the focus of my work is in human factors and safety and risk management. My areas of expertise include, but are not limited to: facility design and fall-at-elevation accidents, workplace injuries, and automotive accidents.

Davenport Hotels (2009 to 2016): I was originally hired as part of the Banquet Setup staff, and shortly thereafter was promoted to a supervisory position. As a supervisor, I was responsible to ensure a large and diverse team worked together effectively and efficiently to provide excellent service to all guests. One of the largest responsibilities I had was maintaining a high level of safety for guests and employees alike, by ensuring the safety protocols were properly implemented and enforced. By working with a small team of supervisors and management, we would work to minimize the risk of workplace injuries by ensuring that the entire staff knew the proper safety protocols for various situations.

HONORS AND AWARDS:

- San José State University
 - Nominated by Faculty for the “Bertha Kalm” Scholarship
- Eastern Washington University
 - College of Science, Technology, Engineering, and Mathematics “Outstanding Student” Award
 - Dean’s List Winter 2012, Spring 2012, Fall 2012, Winter 2013, Fall 2013, Spring 2014, Fall 2014, and Winter 2015
 - “High Demand Student” Scholarship for 2014-2015 academic year
 - “High Demand Student” Scholarship for 2013-2014 academic year
- Davenport Hotels
 - “Guest Worthy” Award in February 2015
 - “Superstar of the Quarter” Award in Fall 2012

PUBLICATIONS:

Dixon, L., and Nathan-Roberts, D. “Watch Out! Or do we? A Review of Literature on Human Locomotion, Visual Gaze, and Expectation of Trip Hazards.” [Proceedings of the Human Factors and Ergonomics Society Annual Meeting](#), (61)1, 1252-1256, 2017.

PRESENTATIONS:

Dixon, L., and Nathan-Roberts, D. “Watch Out! Or do we? A Review of Literature on Human Locomotion, Visual Gaze, and Expectation of Trip Hazards.” Presented at the Human Factors and Ergonomics Society 2017 Annual Meeting, October 2017.

Gill, R., and Dixon, L. “Human Factors Engineering.” Invited Presentation by the Rotary Club of Spokane, November 2015.

PROFESSIONAL MEMBERSHIPS:

- Human Factors and Ergonomics Society
- American Society for Testing and Materials, F13 Committee

CONTRACTS:

- Slip Resistance Testing of Pool Deck and Alternative Flooring Treatments; Kahala Nui; principal investigator; Ongoing
- Evaluation of Product Disclaimer, Packaging, and Product Insert for Single-use Pass/Fail BAC Testers; Think Twice; co-investigator; 2018
- Evaluation of Product Label and Safety Instructions for Multi-Plug; Davis Company; principal investigator; 2018
- Testing Slip Resistance of Alternative Flooring Treatments; Four Seasons Hotel, Ko Olina; co-investigator; 2016

CONTINUING EDUCATION:

- Attended the Human Factors and Ergonomics Society Annual Meeting, Austin, Texas, October 2017
- Institute of Police Technology and Management (IPTM) “At-Scene Traffic Crash/Traffic Homicide Investigation” 80 Hour Course, Certificate #nA71YIHZ8L, August 2017