ISE Faculty / Student Presentations
Fall 2019 – Spring 2021

Conference Presentations / Proceedings

• Dr. Yasser Dessouky
Evolution of the Academic Research on Supply Chain and Global Warming
Machine Learning and Analytics on Logistics and Supply Chain

• Dr. Ayca Erdogan
Allocation Optimization for Subscription Box Services

• Dr. Anil Kumar
Head-up Displays Vs. Head-Down Displays for Vehicle Navigation with Implemented Driving Distractions
Effect of bed height on the biomechanics of healthcare professionals during neonatal resuscitation
Pepper-spray as a Self-defense Mechanism: Does Design Affect User Performance

• Dr. Dan Nathan-Roberts
Feedback Modalities in Brain–Computer Interfaces: A Systematic Review
Ishihara, W., Nathan-Roberts, D. Proceeding presented at the HFES 64th Annual Meeting, online, 2020
Training Decay Selection for Usability Validation: Pilot Study Methodology for an FDA Research Grant
Sum, K., Nathan-Roberts, D., Sneath, L., Clark, S., Proceeding presented at the HFES 64th Annual Meeting, online, 2020
Training Decay Selection for Usability Validation: Pilot Study Methodology for an FDA Research Grant
Sum, K., Sneath, L., Clark, S., Nathan-Roberts, D, Proceeding presented at the HFES 2020 International Symposium on Human Factors and Ergonomics in Health Care, online, 2020
Smart Home Devices: Promoting User Trust and Protecting User Data

The Roles of Social Robots in Elder Healthcare: A Systematic Review
Suresh, P., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**How Noise Affects Patients in Hospitals**
Jue, K., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**Searching for fiction for pleasure reading: Current research and recommendations.**
Huang, A., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**Understanding Prosthetic Abandonment**
Martinez, M.E., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**Theories of Vigilance and the Prospect of Cognitive Restoration**
Flanagan, J., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**Virtual Reality Exposure Therapy and Military Personnel with Post-Traumatic Stress Disorder: A Systematic Review**
Singh, S., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**Trust Measurement in Human–Automation Interaction: A Systematic Review**
Bzowsk, B., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

**Towards Adaptive Switches through implementation of visual feedback in assistive devices**
Cascone, F.D., Martorelli, M., Gloria, A., **Nathan-Roberts, D.**, Lanzotti, A., Proceeding presented at 2019 II Workshop on Metrology for Industry 4.0 and IoT (MetroInd4.0&IoT), Naples, Italy, 2019

**Dr. Hungrui Liu**

**Application of Internet of Things (IoT) in Inventory Management for Perishable Produce**

**Best Seller Rank (BSR) to Sales: An empirical look at Amazon.com**

**Forecasting and Inventory Model for Genuine Automotive Spare Parts Wholesale Distributor**

**Dr. Jacob Tsao**

**Mindset, Knowledge and Ability for Innovation and Entrepreneurship in Technology,**
Tsao, H-S J, a 75-minute invited workshop conducted at the 2019 S-STEM Symposium - Creating Pathways to an Inclusive STEM Workforce; held in Washington, D.C., (9/12/2019 - 9/14/2019) and co-sponsored by the National Science Foundation (NSF) and American Association for the Advancement of Science (AAAS).

**Dr. Abbas Moallem**

**HCI in Cybersecurity, Privacy, and Trust**

**Mr. Dan Rosenberg**
UX Magic, The Power of Semantic Interaction Design