

## Michelle Hester

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### Curriculum Vitae

#### EDUCATION

- MS Human Factors Psychology**  
University of Idaho, Moscow, ID May 2016
- BS Psychology, Political Science Minor**  
University of Central Florida, Orlando, FL May 2012

#### INTERNSHIP

- EH&S Ergonomist Intern**, Schweitzer Engineering Laboratories (SEL), Pullman, WA  
Mentor: Ed Havey, Spring/Summer 2016
- Evaluated 11 major areas for soft-tissue injury risk in two factory campuses using quantitative and qualitative data to improve productivity and safety
  - Identified user needs and provided solutions to office and industrial ergonomic challenges
  - Developed three detailed procedures for the implementation of well-rounded and comprehensive ergonomics and safety programs for company stakeholders

#### RESEARCH EXPERIENCE

- Graduate Research Assistant**, University of Idaho, Moscow, ID  
Faculty Advisor: Dr. Brian Dyre, Idaho Visual Performance Lab 2014-Present
- Trust and Performance with Autonomous Systems: Exploring human factors issues as they pertain to autonomous vehicles and systems

- Graduate Research Assistant**, University of Idaho, Moscow, ID  
Faculty Advisor: Dr. Steffen Werner, Cognition and Usability Lab 2014-2016
- Evaluations of RSVP: Exploring different aspects of rapid serial visual processing in text presentations as it pertains to current media and technology

- Undergraduate Research Assistant**, University of Central Florida, Orlando, FL  
Faculty Advisor: Dr. Peter Hancock, MIT<sup>2</sup> Lab 2011-2014
- Cognitive Interruptions: Exploring the impact of interruptions (negative, positive, related, and unrelated) on memory recall
  - Cross-Modal Sensory Cueing: Comparing the use of controlled, auditory, and tactile cues during a visual target search in measures of accuracy and speed
  - Physiological indicators of Trust in HRI: Using objective measures (behavioral cues and psychological markers) in order to determine trust levels in human-robot interactions.
  - Robot Trust/Features: Exploring how a robot's fundamental attributes (such as color, texture, or material) impact the human perception of the robot's internal characteristics
  - Resolving Ambiguous Attributes in Robots: Exploring the effects of context (scenic backgrounds) on previously ambiguous attributes given to robots based on physical features that resulted in conflicting characteristics.

- Undergraduate Research Assistant**, University of Central Florida, Orlando, FL  
Faculty Advisor: Dr. Leslie DeChurch, D.E.L.T.A. Lab 2011
- MTS: Surrealism Phase 3: Using instant text messaging, auditory, and visual virtual communication tools in order to explore the degree of communication used between multi-team systems to share information to complete a common goal.

## TEACHING EXPERIENCE

### **Graduate Teaching Assistant**, University of Idaho, Moscow, ID

Dr. Todd Thorsteinson, Survey of Contemporary Psychology      Fall 2015/Spring 2016

- Monitored weekly classes and corresponded with the guest speaker for each week
- Evaluated assignments turned in by students
- Responded to student questions and held office hours by appointment

### **Graduate Teaching Assistant**, University of Idaho, Moscow, ID

Dr. Kacy Pula, Research Methods/Introduction to Psychology      Fall 2015/Spring 2016

- Evaluated assignments turned in by students
- Corresponded with the instructor of record on a weekly basis
- Proctored exams for Introduction to Psychology

### **Graduate Teaching Assistant**, University of Idaho, Moscow, ID

Dr. Diane Carter, Fundamentals of Public Speaking      Fall 2014/Spring 2015/Fall 2015

- Instructed three sections (only one section in Fall 2015) of COMM 101 of about 26 students each (50 minute lectures twice a week for each section)
- Evaluated speeches and paper assignments written by students
- Met monthly with instructor of record and other TAs to go over teaching methods and strategies

### **Undergraduate Teaching Assistant**, University of Central Florida, Orlando, FL

Dr. Daniel McConnell, History and Systems of Psychology      Spring 2012

- Evaluated short and long essay questions on examinations taken by students
- Advised students in psychology degree related matters
- Explained material taught in class while addressing any questions asked by students

### **Undergraduate Teaching Assistant**, University of Central Florida, Orlando, FL

Dr. Alisha Janowsky, General Psychology      Summer 2011

- Summarized material presented in the textbook
- Responded to questions asked by students
- Held open office hours once a week in order to assist students

## PUBLICATIONS

**Hester, M.** Werner, S. Greenwald, C. & Gunning, J. Exploring the Effects of Text Length and Difficulty on RSVP Reading. To Appear: In Proceedings of the Human Factors and Ergonomic Society 2016 (60<sup>th</sup>) Annual Meeting. Washington, D.C.

## PRESENTATIONS

**Hester, M.** Yi, I. Andrade, C. Wright, J.L., Hancock, P.A. The Role of Scenic Contextual Information in Resolving Ambiguous Attributes in Robots. Poster presented at the 2014 Human Factors and Applied Psychology Student Conference, Daytona, FL, April 2014.

## PROFESSIONAL EXPERIENCE

### **Universal Studios Florida**, Orlando FL

Line Production Cook in the Three Broomsticks at IOA      Summer Season 2014

- Worked with kitchen and wait staff to provide quality customer services while maintaining the theme of the area (Harry Potter)
- Assisted in the cooking and plating of food for the guest of the restaurant
- Maintained a clean workspace and assisted in the nightly cleaning of the kitchen

### **UCP of Central Florida**, East Orange/Bailes Campus, Orlando FL

Teaching Assistant of children with special needs      2012-2014

- Taught typical and special needs students (between pre-K and 5<sup>th</sup> grade) grade appropriate material in inclusion style classrooms
- Assisted special needs students in meeting their IEP and therapy goals

- Collaborated with team members to develop individualized plans and treatments for students with special needs and organize classroom schedule to best match the needs of the 14-16 student class size

**Kelly Services, Lake Mary FL**

Standardized Test Scoring Evaluator

Summer 2013/2014

- Evaluated an average of 700 standardized test questions per shift
- Completed nightly qualification assessments in subjects such as English, Science, Math, and Writing
- Worked with team members to meet the goals set by the supervisor and clients

**SKILLS**

<b><i>Computer</i></b>	Microsoft Office, Adobe Creative Suite, Eye-tracking, Qualtrics, Survey Monkey, Amazon Mechanical Turk, Google Sketchup, Blender, R, SPSS, GIMP, InVision, Basic Knowledge of HTML and CSS
<b><i>HF Design</i></b>	Task Analysis, Prototyping, User Centered Design Principles, Personas, Wireframes, Front-End Analysis, Iterative Design, Heuristic Evaluations, Site Analysis, Interviews, Ergonomic tools (REBA, RULA, NIOSH, 3DSSPP, etc.)
<b><i>Certifications</i></b>	National Institutes of Health (NIH), Collaborative Institutional Training Initiative (CITI)