

## Larry Van Lue

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### EDUCATION

*University of Central Florida, Orlando, FL* in progress  
[Cognitive Science certificate/Graduate]

*University of Central Florida, Orlando, FL* 2015  
[B.S, Psychology]

*Seminole State College of Florida, Sanford, FL* 2013  
[A.A degree]

### EXPERIENCE

#### Research Experience

*Minds in Technology—Machines in Thought Laboratory (MIT2)* Feb 2015-present  
Director Peter A. Hancock, D.Sc., Ph.D

#### **Research Assistant**

Research examining trust in human-robotic and automation interaction. perform literature reviews, run participants in experiments, setting up experiments, experimental design, editing, co-author, design charts, create surveys, data collection and analyses, interpenetrating results, handle the preparation and submission of Institutional Review Board (IRB) forms, Train undergraduate research assistants in how to run the experiments. project management.

*Recent and Emerging Technology Research Organization Lab (RETRO)* May 2015-Dec 2016  
Director: Clint Bowers Ph.D

#### **Research Assistant**

Research involved testing a mobile application that sought out to correct biases that mental health workers have toward patients. run participants in experiments, collect data, perform meta analyses, editing, co-author, collect data.

*Undergraduate Independent Research Project* Aug 2014 –Dec 2014

Supervisor: Jason Ford Ph.D

Performed a literature review on ecstasy use and the development of depressive symptoms, design a survey, data collection.

#### Teaching Experience

*University of Central Florida* Jun 2016-Jul 2016

**Graduate Teaching Assistant-** under James Brophy-Ellison, Ph.D

Physiological Psychology— (Summer 2016)

As a teaching assistant, I am over seeing a group of students in a class in which I answer various questions about the course content or assignments and grade assignments.

University of Central Florida

Jan 2015-Dec 2015

**Undergraduate Teaching Assistant-** under James Brophy-Ellison, Ph.D

General Psychology -- (Spring 2015)

Physiological Psychology -- (Summer 2015)

Basic Learning Processes--(Fall 2015)

As a teaching assistant, I am overseeing a group of students in a class in which I answer various questions about the course content or assignments and grade assignments.

## **Volunteer work**

*Teague Middle School*

Aug 2006-Jun 2010

### **Volunteer**

During my time spent volunteering at Teague Middle School I had helped a former teacher with various tasks. The various tasks that I had performed are grading test/homework assignments, setting up science experiments, helping students with their class work, organizing the classroom, making copies of future homework/class assignments, filling paperwork.

## **SKILLS**

I am proficient in using SPSS, Qualtrics, Biometric sensors (EKG), Word, Outlook, Power Point and some Excel, as well as Mac's word Processor and number sheet, Familiar with Linux systems, Able to analyze and interpret data, Cite sources in APA format, Work and communicate well with others, Excellent time management skills, Critical thinking, Able to perform tasks efficiently, Familiar with the use of Academic Online database for research (i.e. psychINFO).

## **Certification**

**Collaborative Institutional Training Initiative Ethics Training**-University of Central Florida- Group 2: Social/Behavioral Research Investigators and Key Personnel.  
Obtained for the University of Central Florida.

**Collaborative Institutional Training Initiative** -GCP for Clinical Trials with Investigational Drugs and Medical Devices (U.S. FDA focus).

## **Publications**

Kessler, T., Duenas, J., Trujillo-Silva, M.J., **Van Lue, L.**, Matioli, A., MacGillivray, T.,

McGeath, E., Ripa, C., Weichman, A., Chen, J.Y.C., & Hancock, P.A. (In

Preparation). Autonomy, Malfunction, and Level of Information Effects on Two

Measures of Trust in Human Robot Interaction (*Technical Report ARL-TR*).

Orlando, Army Research Laboratory. (Citation my once it completed)

Kreutzer, C., Marks, M., **Van Lue, L.**, & Bowers, C. (in preparation) Measuring pedagogical usability in serious games: A development and validation study. Manuscript in preparation.

## **Poster Presentations**

**Van Lue, L., & Hancock, P.A.** (April 2019). *Does Anthropomorphizing Autonomous Vehicles Make Them More Trustworthy?*. Poster presentation at 16<sup>th</sup> annual Graduate Research Form. Orlando, Florida.

**Van Lue, L., & Hancock, P.A.** (Jan 2019). *The examination of one's trust in automation and privacy views*. Poster presentation at Human Factors and Applied Psychology (HFAP) conference, Orlando, Florida.

**Van Lue, L., Kessler, K., MacArthur, K.R., & Hancock, P.A.** (April 2017). *Trust in analytical automation*. Poster presentation at 14<sup>th</sup> annual Graduate Research Form. Orlando, Florida.

**Van Lue, L., & Hancock, P.A.** (April 2016). *psychophysiological response and perceived workload when working with adaptive automation*. 10th annual Human Factors and Applied Psychology (HFAP) Conference, Daytona Beach, Florida.

**Van Lue, L.** (November 2015). *ecstasy uses and the development of depressive symptomology among college students*. Poster presentation at the University of Central Florida 3th annual Psychology Major Conference, Palm Bay, Florida.