

# Jessica Siler

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## EDUCATION

### **Ph.D. in Cognitive Psychology**

*Advisor: Aaron Benjamin*

*University of Illinois at Urbana-Champaign, Champaign IL*

*In Progress*

### **B.S. in Psychology, with Honors in Psychology and University Honors**

*Summa Cum Laude*

*With Minors in Statistics, Cognitive Science, and Cinema Studies*

*University of Central Florida, Orlando FL*

*2014*

### **International Baccalaureate and High School Diplomas**

*Ridgeview High School, Orange Park FL*

*2010*

## RESEARCH EXPERIENCE

### **Research Assistant, IEMS Department**

- Programmed vigilance task paired with EEG

*Summer 2014*

### **Technical Lead, MIT<sup>2</sup> Lab – Dr. P. A. Hancock**

- Operated and programmed a driving simulator, operated eye-trackers, managed lab computers, scheduled and trained research assistants  
- Experimental design, execution, and analysis – conducted literature reviews, handled IRB submissions, collected and analyzed data

*Summer 2012 – Summer 2014*

### **Honors in the Major: Undergraduate Thesis**

- Generation and the Google Effect: Transactive Memory System Preference Across Age  
- Chair: Dr. Peter A. Hancock  
- Committee: Dr. Valerie Sims and Dr. Michele Gill

*Fall 2012 – Summer 2013*

### **Research Assistant, ACAT Lab – Dr. V. Sims and Dr. M. Chin**

- Created experimental stimuli, coded and analyzed data

*Summer 2012 – Fall 2013*

## PUBLICATIONS / PRESENTATIONS

Undergraduate Thesis:

**Siler, J** (2013). *Generation and the Google Effect: Transactive Memory System Preference Across Age* (Unpublished undergraduate thesis). University Central Florida, Orlando, FL.

Presentations:

**Siler, J.** (2014, April). *The Google Effect: Information and Memory Use*. Poster presented at the Showcase of Undergraduate Research Excellence at the University of Central Florida, Orlando, FL.

- Niederman, E., Diaz, D., **Siler, J.**, Sawyer, B. D., & Hancock, P. A. (2014, April). *Driving Performance While Texting Does Not Improve By Using a Familiar Phone*. Poster presented at the Showcase of Undergraduate Research Excellence at the University of Central Florida, Orlando, FL.
- Siler, J.**, Sawyer, B.D., Stafford, S., & Hancock, P.A. (2014, April). *Driving Simulation: Ecological Validation and Participant Perception*. Presentation at the 2014 Human Factors and Applied Ergonomics Student Conference at Embry-Riddle Aeronautical University, Daytona Beach, FL.
- Siler, J.**, Niederman, E., Sawyer, B.D., & Hancock, P.A. (2014, March). *Braking the Chain: A Brake Light Impact Prevention System*. Paper presented at the 60<sup>th</sup> annual meeting of the Southeastern Psychological Association, Nashville, TN.
- Niederman, E., **Siler, J.**, Diaz, D., Sawyer, B.D., & Hancock, P.A., (2014, March). *Texting With Your Own Phone Does Not Improve Driving Performance*. Poster presented at the 60th annual meeting of the Southeastern Psychological Association, Nashville, TN.
- MacArthur, K., Fund, I., **Siler, J.**, & Mouloua, M. (2014, March). *Validating the Continuum Mysteriosum*. Poster presented at the 60th annual meeting of the Southeastern Psychological Association, Nashville, TN.
- Siler, J.**, Sawyer, B.D., & Hancock, P.A. (2013, April). *Generation and the Google Effect: Transactive Memory System Preference Across Age*. Poster presented at the Showcase of Undergraduate Research Excellence at the University of Central Florida, Orlando, FL.
- Siler, J.**, Hinton, D., & Ortiz-Diaz, K. (2013, April). *T9 in a Different Time*. Poster presented at the 2013 Human Factors and Applied Ergonomics Student Conference at Embry-Riddle Aeronautical University, Daytona Beach, FL.
- Selkowitz, R. A., Sims, V.K., Scholcover, F., & **Siler, J.B.** (2013, May) *Mental Rotation of Objects Presented in a Complex Background*. Poster presented at the 2013 Meeting of the Association for Psychological Science, Washington, DC.

## TEACHING EXPERIENCE

### **Lead Teaching Assistant under Dr. S. Stafford**

*Spring 2012 – Spring 2014*

Courses: *Physiological Psychology, Perception, Cognitive Psychology, Personality Theory and Research, General Psychology, and Neuropsychology*

- Led and coordinated teaching assistants, developed/ organized/ proctored/ graded exams, handled extra credit assignments, monitored the online component of courses (i.e. answered student questions, posted announcements, etc.)

### **Teaching Assistant under Gaby Hancock**

*Spring 2014*

Course: *Science and Pseudoscience in Psychology*

- Answered student questions, graded quizzes, proctored exams, monitored the online component of the course

**Teaching Assistant under Dr. V. Sims***Summer 2013*Course: *Cognitive Psychology*

- Answered student questions, held review sessions, proctored/graded exams

## PROFESSIONAL DEVELOPMENT

**Secretary, Student Chapter of APA Division 21 at UCF***Fall 2013 – Spring 2014*

- Founding officer
- Organized meetings, gave presentations, advised peers

**Presenter at the Honors Freshman Orientation Parent Session***June 2013*

- Answered parent and student questions regarding research
- Presented Honors in the Major (thesis) project

**Work-study position, College of Sciences Academic Services (UCF)***Summer 2013 – Fall 2013*

- Handled graduation filing, clerical work

**Undergraduate Assistant to Dr. P.A. Hancock***Fall 2012 – Spring 2013*

- Aided in literature reviews, edited papers, clerical work

**Volunteer, Knights Helping Knights Pantry (UCF)***Spring 2012 – Summer 2013*

- Greeted and assisted students, managed donated items

**Junior Achievement service-learning student, Bentley Elementary***Fall 2010*

- Taught first-graders

**Volunteer, Orange Park Medical Center***Summer 2009*

- Assisted patients (i.e. checked vitals, provided linens and food, communicated with doctors/nurses/PCTs regarding patient concerns), clerical work

## HONORS AND AWARDS

President's Honor Roll (*4.0 GPA for the semester*)*Fall 2013, Fall 2012, Spring 2012,  
Fall 2011, Spring 2011, Fall 2010*Dean's List (*minimum 3.5 GPA for the semester*)*Spring 2014 Spring 2013,  
Summer 2012*UCF Office of Undergraduate Research Group Travel Award (*\$1014*)*February 2014*UCF Student Government Association Group Travel Award (*\$1500*)*February 2014*UCF Burnett Honors College Travel Award (*\$250*)*February 2014*Honors in the Major Scholarship (*\$1,000*)*October 2012*

UCF Founder's Scholar Award

*Spring 2012*

Florida Academic Scholar, Florida Bright Futures Scholarship

*2010-2014*Pegasus Gold Scholarship, UCF (*\$10,000*)*2010-2014*

International Baccalaureate Diploma

*2010*

AP Scholar with Honor award

*2010*

## TECHNICAL SKILLS

- SPSS
- SAS
- JMP
- R
- E-Prime 2.0
- I-SIM PatrolSim Driving Simulator
- Qualtrics
- Microsoft Office
- Adobe Photoshop

## AFFILIATIONS

- Student Chapter of the Division for Applied Experimental and Engineering Psychology (Division 21 of APA)
- American Psychological Association Student Affiliate
- Association for Psychological Science Student Affiliate
- Psi Chi International Honor Society in Psychology
- Psychological Society of UCF
- Burnett Honors College, UCF

## LANGUAGES

- English – Native Language
- Spanish – Fluent