

MARK STEPHEN DENNISON JR

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EDUCATION

University of California, Irvine (UCI)

PhD, Psychology, Cognitive Neuroscience concentration Expected June 2018

M.S., Cognitive Neuroscience Expected June 2015

B.A., Psychology (cum laude), Honors June 2013

EMPLOYMENT

Graduate Student – Cognitive NeuroSystems Laboratory, UCI 2013 – present

Advisor: Mike D’Zmura Co-Advisor: Ramesh Srinivasan

My research uses virtual reality to study multisensory integration and improve human-computer interaction through biofeedback. Currently I am interested in cybersickness and improving comfort during head mounted display use

Graduate Teaching Assistant – UCI

Course: Psych 7A Mar – present

Responsible for leading three sections of ~20 students in weekly discussion of course material.

Couse: Psych 112A Oct – Dec 2014

Taught weekly lab sections covering experimental design and analysis using Matlab and SPSS to approximately 20 students. Also responsible for administration and grading of examinations.

Couse: Psych 9A Jan – Mar 2013

Responsible for leading two sections of ~20 students in weekly discussion of course material. Also proctored and graded midterm and final exams.

Research Assistant – Human Neuroscience Laboratory, UCI 2012 – 2013

Developed and coded experiments in MATLAB, recruited and consented participants, collected and analyzed EEG and TMS data

Research Assistant – Feeling States and Heart Rates Study, UCI 2011 – 2013

PI: Dr. Margaret Schneider

Conducted fitness assessments and collected EEG from adolescent participants at a middle school. Responsible for analyzing EEG data in Persyst software and training student assistants with research protocol.

RELATED EXPERIENCE

<u>Lab Intern – Laboratory of Visual Neuroscience, UCI</u> <i>PI: Dr. Alyssa Brewer</i>	2011 – 2012
Conducted literature reviews, presented papers at weekly lab meetings, and assisted in segmentation of MRI data in mrGray	
<u>Webmaster/Secretary – Psychology Student Association, UCI</u> Managed member database, club website, and weekly email distribution	2011 – 2012
<u>Student Mentor – Transfer Summer Start Program, UCI</u> Mentored incoming UCI transfer students and assisted in familiarizing them with campus organizations and research opportunities.	Summer 2011
<u>Project Coordinator – Preschool Obesity Prevention Pilot Study, UCI</u> Organized study observations at Head Start Preschools across Orange County, CA and trained other students to assist in data collection	2010-2011

AWARDS AND HONORS

School of Social Sciences Merit Fellowship, UCI	Fall 2014
School of Social Sciences Order of Merit Award, UCI	June 2013
Summer Undergraduate Research Fellowship, UCI <i>for "Effects of Parietal TMS on Visual Attention Shifts"</i>	Summer 2012
Interdisciplinary Summer Undergraduate Research Experience Fellowship <i>for "'Feeling States and Heart Rates Pilot Study"</i>	Summer 2011

POSTERS AND TALKS

"Association between frontal cortical activation and the Behavioral Activation System (BAS)" <i>Poster presented at UROP Symposium, UCI</i>	June 2012
"Effects of parietal TMS on visual attention" <i>Talk given at UROP Symposium, UCI</i>	June 2013
EEG demonstration for visiting Tibetan scholars <i>Talk and EEG demonstration, UCI</i>	January 2012

LANGUAGE AND SOFTWARE SKILLS

English, MATLAB, C#, Unity, SPSS

PROFESSIONAL MEMBERSHIPS

American Psychology Association

Golden Key International Honor Society

Phi Beta Kappa

Psi Chi International Honor Society

Society for Neuroscience