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## **EDUCATION**

Doctoral Candidate, Department of Psychology, University of Georgia

Degree: B.S. (June 2009), University of California, San Diego  
Major: Psychology (Experimental Track)

## **ACADEMIC HONORS AND AWARDS**

**Franklin Foundation Neuroimaging Fellowship** (August 2012-present)  
Funding for conducting neuroimaging research provided by the John and Mary Franklin Foundation

**NSF Award Honorary Mention** (April 2011)  
Honorary mention from the National Science Foundation Graduate Research Fellowship Program.

**Graduate School Assistantship** (August 2010-August 2012)  
Research funding.

**Departmental Distinction** (June 2009)  
Award for successfully completing honors-level training and research.

**Provost's Honors** (Fall 2005-June 2009)  
GPA 3.5+ for 12 graded units, 4/6 academic quarters.

**Chancellor's Undergraduate Research Scholarship** (June 2008, \$3,000)  
Award for student conducting summer research at UC San Diego.

Presenter (November 13, 2011). Multimodal Estimation of Human Emotional Perception. Poster presented at the annual Society for Neuroscience Conference, Washington, D.C.

Presenter (March 5, 2011). Emotional discrimination in dorsal and ventral visual networks. Poster presented at the annual Southeastern Neuroscience Conference, St. Augustine, FL.

Presenter (May 16, 2009). Timing of dim light on jet-lag re-synchronization. Paper presented at the Ninth Annual Stanford Undergraduate Psychology Conference, Stanford, CA

Psi Chi, National Honor Society in Psychology (2008-2009)

## RESEARCH EXPERIENCE

### **Graduate Researcher** (August 2010-present)

UGA, Department of Psychology

Supervisor: Dean Sabatinelli, Ph.D.

Using fMRI and EEG methodologies to study neural pathways involving attention and emotion in humans.

### **Research Assistant** (September 2009-August 2010)

UCSD, Department of Psychiatry

Supervisors: Amanda Grethe, Ph.D. & Tony Yang, M.D., Ph.D.

Research assistant on a study to develop effective functional MRI biomarkers in humans for drug investigation and development of new antidepressant and anxiolytic medications for the treatment of depression and anxiety disorders. fMRI data acquisition and data analysis.

### **Research Assistant** (April 2009-August 2010)

UCSD, Department of Psychiatry

Supervisor: Tony Yang, M.D., Ph.D.

Research assistant focusing on the role of depression in adolescents. fMRI data acquisition and analysis, manuscript writing, and grant writing.

### **Research Assistant** (June 2009-August 2010)

UCSD, Department of Psychology

Supervisor: Michael Gorman, Ph.D.

Design, conduct, and analyze research examining sensitivity to dim light during daily scotophases using a jet lag re-entrainment model in Siberian hamsters. Data and statistical analysis and manuscript writing.

### **Research Assistant** (January 2009-January 2010)

The Scripps Research Institute

Supervisor: John Polich, Ph.D.

Research assistant on projects focusing on p300 brainwaves using affective visual tasks and auditory oddball paradigms. Task administration and data analysis.

### **Honors Thesis Student** (September 2008-June 2009)

UCSD, Department of Psychology

Supervisor: Michael Gorman, Ph.D.

Design, conduct, and analyze a thesis proposal examining sensitivity to dim light during daily scotophases using a jet lag re-entrainment model in Siberian hamsters. Data and statistical analysis and manuscript writing.

### **Academic Intern** (March 2008-June 2008)

UCSD, Department of Psychology

Supervisor: Michael Gorman, Ph.D.

Research assistant on project investigating the affect of photoperiod on longevity in Siberian hamsters. Animal handling and data analysis.

### **Academic Intern** (January 2008-June 2008)

UCSD, Department of Psychology  
Supervisors: Ben Williams, Ph.D., and Stephen Pearlberg, M.A.  
Research assistant on project aimed to identify and explain the relationship between verbal learning and intelligence utilizing several working memory tasks.  
Test administration to human subjects and data analysis.

## TEACHING EXPERIENCE

**Undergraduate Teaching Assistant** (September 2008-December 2008)  
UCSD, Department of Psychology  
Supervisor: Sarah Callahan, M.A.  
Undergraduate teaching assistant for Psychology 60: Introduction to Statistics.  
Duties include attending classes, holding weekly review sessions, assisting undergraduates with homework and data analysis, grading homework and exams, and delivering a class lecture.

## COMPUTER SKILLS AND TRAINING

Operating Systems/Data Processing: Windows, Macintosh, Unix, AFNI, Brainvoyager, FSL, DSI Studio, Explore DTI, MATLAB.  
Statistical Packages: Excel, JMP, SPSS  
Word Processing: Microsoft Word  
MRI safety and operator trained at UCSD Center for Functional MRI and UGA Bioimaging Research Center  
DTI training at the Carnegie Mellon & University of Pittsburgh Multimodal Neuroimaging Training program (June 4, 2012-July 13, 2012)

## PUBLICATIONS

- Frank, D. W. & Sabatinelli, D. (in press). Stimulus-driven reorienting in the ventral frontoparietal attention network: the role of emotion. *Frontiers in Human Neuroscience*.
- Frank, D. W., Yee, R. B., & Polich, J. (in press). P3a from white noise. *International Journal of Psychophysiology*.
- Frank, D. W., Gorman, M. R., & Evans, J. A. 2010. Time-dependent effects of dim light at night on re-entrainment and masking of hamster activity rhythms. *Journal of Biological Rhythms*.
- Sabatinelli, D. S., Keil, A. K., Frank, D. W., & Lang, P. J. (in press). Correspondence of early and late event-related potentials with cortical and subcortical functional MRI. *Biological Psychology*.