

# CHRISTINA MERRICK

## CURRICULUM VITA

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### Education

#### San Francisco State University

Master of Arts in Psychology, Concentration: Mind, Brain and Behavior  
4.0 GPA, August 2014

#### University of California Berkeley

Bachelor of Arts, Major: Psychology  
3.52 GPA, May 2009

### Awards

- 2014 Graduate Student Award for Distinguished Achievement from San Francisco State University
- 2013 Louis Levine Scholarship
- 2013 Winner in the Graduate Behavioral Sciences competition at San Francisco State University

### Publications

**Merrick, C.**, Godwin, C. A., Geisler, M. W., & Morsella, E. (2014). The olfactory system as the gateway to the neural correlates of consciousness. *Frontiers in Psychology*.

Jantz, T., Tomory, J., **Merrick, C.**, Cooper, S., Gazzaley, A., & Morsella, E. (2014). Subjective aspects of working memory during action control: Memoranda-related imagery. *Consciousness and Cognition*.

**Merrick, C.**, Farnia, M., Jantz, T., Gazzaley, A. & Morsella, E. (Revise and Resubmit). External control of the stream of consciousness: Stimulus-based effects on involuntary thought sequences. *Consciousness and Cognition*.

### Poster Presentations

**Merrick, C.**, Jantz, T. K., Morsella, E., & Geisler, M. W. (2014, May) *EEG Correlates of spontaneous imagery during working memory rehearsal*. Annual Meeting of the Association for Psychological Science, San Francisco, California.

Bhangal, S., **Merrick, C.**, Farnia, M., Jantz, T. K., & Morsella, E. (2014, May) *External control of the stream of consciousness: Stimulus based effects of involuntary thought sequences*. Annual Meeting of the Association for Psychological Science, San Francisco, California.

Allen, A. K., **Merrick, C.**, Wilkins, K., & Morsella, E. (2013, July). *The reflexive imagery task: Unintentional imagery despite extensive training and voluntary set selection*. Annual Meeting of the Association of the Scientific Study of Consciousness, San Diego, California.

**Merrick, C.**, Cooper, S., Jantz, T. K., & Morsella E. (2013, May). *Working memory based action control: Increased refreshing in the face of interference*. Annual Meeting of the California Cognitive Science Conference, Berkeley, California.

Allen, A. K., **Merrick, C.**, Wilkins, K., & Morsella, E. (2013, April). *The reflexive imagery task: A new, robust paradigm for neuroimaging*. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, California.

Schlerf, J. E., **Merrick, C.**, & Ivry, R. B. (2009). *Motor learning in 3D: Utilization of task-relevant redundancy*. Annual Meeting of the Society for Neuroscience.

## Talks

May, 2013. "The Effects of Unintended Action-Sets on Mental Imagery", Social/Mind, Brain, and Behavior Brown Bag, San Francisco State University, San Francisco, CA.

November, 2013. "The Olfactory System as the Gateway to the Neural Correlates of Consciousness", Social/Mind, Brain, and Behavior Brown Bag, San Francisco State University, San Francisco, CA.

## Research Experience

### Action and Consciousness Laboratory (2012-Present)

Graduate Student Researcher

Department of Psychology, San Francisco State University

Principal Investigator: Ezequiel Morsella, Ph.D.

- Designed and implemented multiple behavioral studies involving working memory, multiple action options and reflexive entry into consciousness.

### Cognitive Psychophysiology Laboratory (2012-Present)

Graduate Student Researcher

Department of Psychology, San Francisco State University

Principal Investigator: Mark W. Geisler, Ph.D.

- Primary investigator of an EEG study further investigating alpha rhythm as inhibitory control during a working memory task.

### Cognitive and Action Laboratory (2007-2009, 2014-Present)

Research Apprenticeship

Department of Psychology, University of California Berkeley

Principal Investigator: Richard Ivry, Ph.D.

- Research Assistant on multiple projects involving motor learning, motor control, coordination and timing.
- Currently working on a single-pulse TMS study that measures motor evoked potentials during a stop-signal task.

## Teaching Experience

### Graduate Student Instructor

Quantitative Reasoning in Psychology (Fall, 2013)

San Francisco State University

### Graduate Student Instructor

Critical Thinking in Psychology (Spring, 2013 & Spring, 2014)  
San Francisco State University

### Graduate Teaching Assistant, Professor: Ryan Howell

Psychological Statistics (Summer, 2013)  
Taught weekly lab Section  
San Francisco State University

### Teaching Assistant, Professor: Mark Geisler

Physiological Psychology (Fall, 2013)  
San Francisco State University

### Professional Organizations

Association for Psychological Science	2012
Cognitive Neuroscience Society	2012
Association for Scientific Study of Consciousness	2011
Psi Chi, The International Honor Society in Psychology	2007

### Technical Skills

#### Hardware (methodology):

Trained in EEG acquisition using BIOPAK  
Trained in single-pulse TMS using Magstim

#### Software:

Proficient in Microsoft Word, Excel, and Powerpoint  
Proficient in SPSS Statistics  
Experience with Matlab  
    Experience with EEGLAB Toolbox  
    Experience with Psychtoolbox  
Proficient in PsyScope X  
Experience with Acknowledge EEG software  
Experience with Superlab 4.0