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EDUCATION

Brown University
Department of Neuroscience
Ph.D. Candidate Brown University - expected graduation date 2012

University of Washington
Department of Psychology
Bachelor of Science, Psychology, B.S. University, 2006

FELLOWSHIPS & AWARDS

12/2010 – 12/2012 Jennifer Barredo, Graduate Fellow
PFC-MTL Interactions During Controlled Episodic Retrieval
Ruth L. Kirschstein NRSA Predoctoral Fellowship 1F31MH090755

01/2006 – 08/2006 Mary Gates Undergraduate Research Fellowship

03/2005 – 08/2006 Dean's List University of Washington

RESEARCH EXPERIENCE

05/2009 - present Graduate Student
PFC-MTL Interactions During Controlled Episodic Retrieval
Advisor: Dr. David Badre

02/2008 -06/2009 Rotation Graduate Student
A Rodent Behavioral Assay of Task-Shifting
Advisor: Dr. Rebecca D. Burwell

08/2007 -02/2008 Rotation Graduate Student
Visual Modulation of Hippocampal Place Cells
Advisor: Dr. Mayank R. Mehta

07/2005 -09/2006 Research Assistant
Retrosplenial-Hippocampal Circuitry & Context Acquisition
Advisors: Dr. Sheri J. Mizumori & Dr. David M. Smith

TEACHING EXPERIENCE

2008 Teaching Assistant, BN 165 Neuroanatomy, Brown University
2010 Co-Instructor, The Neurobiology of Perception, SPARK Middle School Science Program

DEPARTMENT AND SCHOOL SERVICE

2009 Graduate Student Mentor, Leadership Alliance Summer Research-Early Identification Program at Brown University (Brown SR-EIP)

PUBLICATIONS

Furtak SC, Cho CE, Kerr KM, Barredo JL, Alleyne JE, Patterson YR, Burwell RD. (2009). The Floor Projection Maze: A novel behavioral apparatus for presenting visual stimuli to rats. *J Neurosci Methods*. 181(1):82-8.

Smith, D. M., Kolarick, D., Barredo, J.L. and Mizumori, S. J. Y. Complimentary Roles of the Hippocampus and Retrosplenial Cortex in Contextual Learning. *In preparation*.

POSTERS & PRESENTATIONS

Barredo, J.L., Oztekin, I., Badre, D. *Prefrontal-medial temporal lobe interactions supporting the cognitive control of episodic retrieval*. November, 2010. Poster presentation, Society for Neuroscience Annual Meeting.

Barredo, J.L., Badre, D., & Burwell, R.D. *A novel task shifting paradigm for rats to be used for the comparative analysis of executive function in rodents and humans*. November, 2008. Poster presentation, Society for Neuroscience Annual Meeting.

Barredo, J.L., Smith, D.M., & Mizumori, S.J. *Neuronal Activity in Retrosplenial and Hippocampal Cortices during Context Discrimination*. May, 2006. Poster presentation, Mary Gates Undergraduate Research Symposium.

PROFESSIONAL SOCIETIES

Society for Neuroscience
Cognitive Neuroscience Society