

Ari Morcos
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EDUCATION

Harvard University Ph.D. Candidate in Program in Neuroscience Harvey Lab	07/2011 — Present
University of California, San Diego Major: Physiology and Neuroscience Major GPA: 3.54	09/2008 — 03/2011

RESEARCH EXPERIENCE

Ph.D. Research

Harvard Medical School, Laboratory of Dr. Christopher Harvey Investigating the neuronal circuit mechanisms underlying evidence accumulation for decision-making in the Posterior Parietal Cortex (PPC) using a combination of advanced behavioral techniques, two-photon microscopy, and a variety of data analytic approaches.	02/2012 – Present
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Graduate Rotation Projects

Harvard Medical School, Laboratory of Dr. Richard Born Developed a novel psychophysical task to examine the neuronal representation of ambiguous stimuli in the visual cortex of rhesus macaque.	2012
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Harvard Medical School, Laboratory of Dr. Rachel Wilson Developed a novel conditioned behavioral paradigm to measure the limits of sound localization in <i>Drosophila</i> , with the ultimate goal of using a combination of behavior and single-cell electrophysiology to understand the basic principles underlying early sensory processing.	2011
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Harvard Medical School, Laboratory of Dr. Bernardo Sabatini Investigated the role of somatostatin-expressing interneurons in mammalian striatal circuitry during a simple behavioral task using a combination of optogenetics and multi-electrode electrophysiology.	2011
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Undergraduate Research

Salk Institute for Biological Studies Laboratory of Fred H. Gage Research Assistant Researched the role of REST in adult neurogenesis	01/2009 – 12/2010
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AWARDS, HONORS, AND FELLOWSHIPS

Stuart and Victoria Quan Pre-Doctoral Fellowship Department of Neurobiology, Harvard Medical School	2013—Present
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NSF Graduate Research Fellowship Honorable Mention	2013
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Amylin Pharmaceuticals Research Scholar

2009—2010

Howard Hughes Summer Research Fellow

2009

Alliance for Affordable Services Scholar

2009

PUBLICATIONS AND PRESENTATIONS

Kagalwala MN, Morcos AS, Denli AM, Gage FH. "REST regulates neurogenesis and dendritic spine development in the adult hippocampus." Manuscript in preparation.

Morcos AS, Kagalwala MN, Denli AM, Gage FH. "The role of REST/NRSF in adult neurogenesis." Program No. 31.4. 2010 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2010. Online.

Morcos AS. "Understanding the Protein-Protein Interplay of NRSF (REST) In Regulating Transcription." UCSD Undergraduate Research Conference, San Diego, CA, 2009.

Morcos AS. "Mechanisms and applications of adult neurogenesis." *Saltman Quarterly* 6 (2009): 35-36.