

Ari Morcos
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EDUCATION

Harvard University Ph.D. Candidate in Program in Neuroscience Harvey Lab	2011 — Present
University of California, San Diego B.S., Physiology and Neuroscience Major GPA: 3.54	2008 — 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.	2012 – Present
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
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
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
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

AWARDS, HONORS, AND FELLOWSHIPS

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

Amylin Pharmaceuticals Research Scholar

2009—2010

Howard Hughes Summer Research Fellow

2009

Alliance for Affordable Services Scholar

2009

PUBLICATIONS AND PRESENTATIONS

Kagalwala MN, Deni AM, Kim HJ, Wright R, Baul TD, Clemenson, GD, **Morcos AS**, Zhao C, Gage FH. "Secretogranin II regulates differentiation and maturation of neurons during adult neurogenesis." 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.

TEACHING EXPERIENCE

Harvard Medical School

2012

Teaching assistant, MATLAB/Quantitative Methods Bootcamp

Brief introduction to MATLAB/programming and statistics for incoming graduate students

REFERENCES

Available upon request.