

Blake Porter

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Education

University of Otago – Dunedin, NZ
Ph.D. in Psychology

February 2014 - Present

Boston University – Boston, MA
Bachelor of Arts in Neuroscience with Honors
Minor: Human Physiology

September 2009 - May 2013

Research Skills: Experience with *in-vivo* electrophysiology in behaving rats. Experience with rat handling, training, stereotaxic surgery, Cryostat, and various histology techniques. Experience working with MATLAB, SPSS, Graphpad, and Microsoft Office.

Lab Experience

David Bilkey's Lab for Brain and Behavior
University of Otago, Dunedin, New Zealand

February 2014 – Present

- Using *in-vivo* electrophysiology to investigate how effort is represented at a neural level, the effects effort has on the brain's representation of the world, and the circuit level dynamics of planning actions utilizing effort information.

Howard Eichenbaum's Lab of Cognitive Neurobiology
Boston University, Boston, MA, United States

Spring 2012 – January 2014

- Lab Technician, working with Dr. Lara Rangel, “How does the dentate gyrus represent event and contextual information?” and “What are the temporal dynamics of mEC and IEC inputs during event and context signaling intervals?”
 - Senior work for honors distinction with Dr. Anja Farovik, "Directionality of function connectivity between the hippocampus and the prefrontal cortex during contextual memory"
 - Undergraduate Assistant under Dr. Andrea Frank, "How does the hippocampus integrate multiple related memory representations?"
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Other Experience

Tutor.com
Online Tutor

October 2010-October 2011

- Tutored K-12 and college freshman in biology, natural sciences, and math

Boston University Mind and Brain Society
Mentor

Fall 2011 – Spring 2013

- Mentored freshmen majoring in Neuroscience at BU in regards to courses, research opportunities, and life at BU
- Tutored mentees in a range of subjects, from introductory neuroscience courses to basic sciences