

## Education

PhD in Psychology 2017 – Present  
Cognitive Neuroscience concentration  
University of California, Davis

Bachelor of Arts with majors in Cognitive Science 2013  
and Molecular and Cellular Biology (Neurobiology concentration)  
University of California, Berkeley

## Publications

Mikkelsen M... **Noah S**... Edden RAE. 2018. Big GABA II: Water-Referenced Edited MR Spectroscopy at 25 Research Sites. In press at *Neuroimage*.

**Noah S**, Mangun GR. Recent Evidence that Attention is Necessary, but not Sufficient, for Conscious Perception. In press at *The Year in Cognitive Neuroscience*.

**Noah S**, Gibson-Horn C, Vincenzo J. Four-months wearing a balance orthosis improves measures of balance and mobility among a cohort of community-living older adults. *J Geriatr Phys Ther*. 2018 Jan 18. doi: 10.1519/JPT.0000000000000174.

Mikkelsen M... **Noah S**... Edden RAE. 2017. Big GABA: Edited MR Spectroscopy at 24 Research Sites. *Neuroimage* Jul 14;159:32-45.

Greenhouse I, King M, **Noah S**, Maddock RJ, Ivry RB. 2017. Individual differences in resting cortico-spinal excitability are correlated with reaction time and GABA content in motor cortex. *J Neurosci* 37(10):2686-2696.

Greenhouse I, **Noah S**, Maddock RJ, Ivry RB. 2016. Individual differences in GABA content are reliable but are not uniform across the human cortex. *Neuroimage* Jun 9;139:1-7.

## Conference Posters

**Noah S**, Powell T, Khodayari N, Olivan D, Ding M, Mangun GR. Object-based attentional modulation of EEG alpha is related to task difficulty. Vision Science Society annual conference, May 2019

**Noah S**, Powell T, Khodayari N, Olivan D, Ding M, Mangun GR. Object-based attention modulates EEG alpha activity. Cognitive Neuroscience Society annual conference, March 2019

Povazan M et al. The use of multi-vendor, multi-site 1H-MRS data acquired at 26 sites as a benchmark for MRS standardization: Comparison of quantification software. International Society for Magnetic Resonance in Medicine annual meeting, April 2019.

**Noah S**, Powell T, Khodayari N, Olivan D, Mangun GR. Object attention modulates alpha band activity. Annual Mind and Brain Poster Day, Center for Mind and Brain, UC Davis, May 2018

Mikkelsen M et al. Integrative analysis of GABA-edited MRS data acquired at 19 research sites. International Society for Magnetic Resonance in Medicine annual meeting, April 2017.

Lenartowicz A, Simpson G, O'Connell S, **Noah S**, Head A, Bilder R, McCracken J, Bookheimer S, Reid R, Cohen M. New EEG measures reveal infra-slow fluctuations in both attending and ignoring in adults with ADHD that provide high accuracy in discriminating ADHD from control. Society for Neuroscience annual conference, October 2015.

Greenhouse I, **Noah S**, Maddock R, Ivry R. Individual Differences in Cortical GABA Concentrations and Motor Excitability. Organization for Human Brain Mapping, June 2015.

**Noah S**, Bayliss J, Vedamurthy I, Nahum M, Levi D, Bavelier D. Comparing dichoptic action video game play to patching in adults with amblyopia. Vision Science Society annual conference, May 2014.

## Awards

Travel Support Scholarship to the NSF-funded Big Data Neurosciences Workshop 2017 in Bloomington, IN	2017
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## Research Experience

Graduate Student Researcher Mangun Lab, UC Davis	July 2017 – Present
Staff Research Associate II Think Now, Inc.	August 2016 – Present
Staff Research Associate I Think Now, Inc.	July 2014 – August 2016
Research Assistant Banks Lab, UC Berkeley	March 2014 – May 2014
Research Assistant Ivry Cognition and Action Laboratory, UC Berkeley	July 2013 – April 2015
Research Assistant Levi Lab, UC Berkeley	June 2012 – July 2014

## Affiliations

Graduate Student Affiliate UC Davis Data Science Initiative	October 2017 – Present
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## **Scientific Community Service**

Invited Reviewer  
Journal of Cognitive Neuroscience

August 2018 – Present

## **Other Professional Experience**

Contributing Editor  
Knowing Neurons

June 2017 – Present

Corporate Communications Consultant  
Red House Communications, LLC.

May 2015 – Present

Data Science Intern  
Sacramento County Department of Human Assistance

December 2017 – December 2018

Researcher  
Mind Field Season 3

June 2018 – September 2018

Blog Writer  
Twist Bioscience, Inc.

October 2015 – April 2018

Research Assistant  
Motion Therapeutics, Inc.

September 2013 – May 2017