

Education

PhD in Psychology Cognitive Neuroscience concentration University of California, Davis	2017 – Present
Bachelor of Arts with majors in Cognitive Science and Molecular and Cellular Biology (Neurobiology concentration) University of California, Berkeley	2009 – 2013

Publications

- Noah S**, Powell T, Khodayari N, Olivan D, Ding M, Mangun GR. Neural Mechanisms of Attentional Control for Objects: Decoding EEG Alpha when Anticipating Faces, Scenes, and Tools. *Journal of Neuroscience* 40 (25) 4913-4924; DOI: <https://doi.org/10.1523/JNEUROSCI.2685-19.2020>
- Povazan M... **Noah S**... Edden RAE. 2020. Comparison of multi-vendor, single-voxel MR spectroscopy data acquired in healthy brain at 26 sites. *Radiology* 00:1–10. DOI: 10.1148/radiol.2020191037
- Noah S**, Mangun GR. 2019. Recent Evidence that Attention is Necessary, but Not Sufficient, for Conscious Perception. *Ann. N. Y. Acad. Sci.* DOI: 10.1111/nyas.14030
- Mikkelsen M... **Noah S**... Edden RAE. 2019. Big GABA II: Water-Referenced Edited MR Spectroscopy at 25 Research Sites. *Neuroimage* May 1;191:537-548.
- Noah S**, Gibson-Horn C, Vincenzo J. 2018. Four-months wearing a balance orthosis improves measures of balance and mobility among a cohort of community-living older adults. *J Geriatr Phys Ther.* 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.

Talks

Neural Mechanisms of Object Based Attention
UC Davis Center for Vision Science Annual Symposium, January 2020

Conference Posters

Noah S, Powell T, Khodayari N, Olivan D, Ding M, Mangun GR. Neural Mechanisms of Attention to Objects. Cognitive Neuroscience Society virtual conference, May 2020

Noah S, Powell T, Khodayari N, Olivan D, Ding M, Mangun GR. Anticipatory object-based attention modulates EEG alpha activity. 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

National Eye Institute Traineeship UC Davis Vision Science Training Program (T32)	2019-2021
Honorable Mention – National Science Foundation Graduate Research Fellowships Program	2019
Travel, lodging support scholarship for NIH-funded fMRI training course at University of Michigan	2019
Travel support scholarship to the NSF-funded Big Data Neurosciences Workshop 2017 in Bloomington, IN	2017

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 Service

Invited Reviewer
Journal of Cognitive Neuroscience

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