

Education

- Dartmouth College** 2018-Present
PhD student in Psychological and Brain Sciences
Advisor: Luke Chang
- University of California, Los Angeles** June 2015
Bachelor of Science in Cognitive Science
Minor in Neuroscience
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Research Experience

- Computational Social Affective Neuroscience Lab (Dartmouth College)** September 2018 – Present
PhD student, Advisor: Luke Chang (PhD)
- Research Project: Development and validation of multidimensional, brain-based models of emotional experiences in a naturalistic setting
- Stanford Social Neuroscience Lab (Stanford University)** July 2016 – July 2018
Lab Manager, PI: Jamil Zaki (PhD)
- Research Project: Analysis of naturalistic emotion perception using fMRI empathic accuracy task
 - Plan and manage lab events, meetings, research assistants and finances
 - Created lab pipeline for neuroimaging analysis
- Neurocognitive Development Lab (University of Maryland, College Park)** July 2015 – July 2016
Lab Manager, PI: Tracy Riggins (PhD)
- Research: Led fMRI, EEG, and behavioral data collection for an NIH-funded longitudinal study examining the development of memory networks in early childhood
 - Trained and implemented tool for increased accuracy of hippocampal segmentation
- Brain Mapping Center (UCLA)** March 2015 – July 2015
Staff Research Assistant, PI: David Shattuck (PhD)
- Research Project: Image analysis procedures for multimodal imaging data including structural, functional, and diffusion imaging datasets using BrainSuite, a tool developed by Dr. David Shattuck
 - Maintained and updated software usage documentation on the BrainSuite software
 - Supervised and trained undergraduate researchers to perform specific data analysis procedures, including usage of BrainSuite and other software, delineation of anatomical structures in biomedical imaging data, and data archival
- Social Cognitive Neuroscience Laboratory (UCLA)** January 2015 – July 2015
Research Assistant, PI: Matt Lieberman (PhD)
- Assisted in experimental design, stimuli creation, data collection and data analysis in Social Working Memory fMRI study
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Skills

- Languages: Python, R, C++, Bash, SPSS, Matlab
- Web Languages: HTML, CSS, Javascript, PHP, MySQL
- Software Packages: Psychtoolbox, FSL, Freesurfer, Brainsuite

Honors and Awards

Finalist in Dartmouth Hackathon (2019)

First Place in Thayer Consulting Case Competition (2019) Sponsored by Google & McKinsey & Co.

Winner of The Expat Woman's Hackathon (2017) Best use of programming category

Stanford Center for Cognitive and Neurobiological Imaging Seed Grant (2017)

Tools of the Trade Workshop Travel Award (2016) at the Social and Affective Neuroscience Conference

Posters

Clark, M., Weisz, E., & Zaki, J. (2018) *Speaker expressivity influences perceiver synchrony when describing emotional autobiographical events*. Presented at the Sao Paulo School on Social and Affective Neuroscience. Sao Paulo, Brazil

Campanella, C., Canada K., **Clark, M.,** Mulligan, E., Geng, F., Spencer, R., & Riggins, T. (2017) *Preliminary Support for Maturational Links Between Memory, Sleep, and Hippocampal Development in Early to Middle Childhood*. Presented at the Society for Research in Child Development Conference. Austin, TX.

Riggins, T., Zehra, A., **Clark, M.,** & Mulligan, E. (2016). *Relations between source memory and hippocampal volume in early childhood*. Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, St Louis, MO.

Clark M, Baker E, Jeste S. (2015) *Optimizing EEG Data Collection in Toddlers at Risk for Autism Spectrum Disorder*. Presented at Psychology Undergraduate Research Conference. University of California, Los Angeles.

Clark M, Yashmeh J, Nyguyen D, Razikeen A, Al-Sharif N, Fears S. (2014) *Genetic Investigation of Gyrification Index in the Prefrontal Cortex and its Heritability and Association with Bipolar Disorder I*. Poster presented at Neuroscience Poster Day. University of California, Los Angeles.

Teaching Experience

Teaching Assistant

MECH&AE M287 Nanoscience and Technology Class, Professor Yong Chen

September 2014-July 2015