

EDUCATION

PhD Psychology , University of California, Davis (expected)	May 2024
M.A. Psychology , University of California, Davis	December 2021
B.A. Psychology , Cum Laude, Sonoma State University	May 2019
A.A. Psychology , with Honors, Cosumnes River College	May 2017
A.A. Sociology , with Honors, Cosumnes River College	May 2017

RESEARCH EXPERIENCE

Laboratory for the Neural Mechanisms of Attention, UC Davis, CA **July 2019 – Present**
Cognitive neuroscience research, EEG/fMRI lab

Graduate Student Researcher

Working with Dr. George Ron Mangun utilizing electroencephalogram, functional magnetic resonance imaging, and eye-tracking to analyze the neural correlates of visual attention.

Bengson Laboratory, Sonoma State University, CA **2018 – 2019**
Cognitive neuroscience research, EEG lab

Research Assistant

Conducted data analysis and assisted with data collection in an electroencephalogram laboratory.

UNDERGRADUATE RESEARCH ASSISTANTS

Lynn Fadel (2021-2022)
Aarushi Kumar (2021-2022)
Dua Haryanawalla (2021-2022)
Aastha Mittal (2019-2020)

TEACHING EXPERIENCE

Discussion Lecturer/Teaching Assistant , PSC 130: Human Memory	Spring 2022
Co-Lecturer , PSC 135: Cognitive Neuroscience	Winter 2022
Invited Lecturer/Teaching Assistant , PSC 135: Cognitive Neuroscience	Winter 2021
Teaching Assistant , PSC 126: Health Psychology	Fall 2020

WORK EXPERIENCE

Behavioral Therapist/Group Leader, Autism Comprehensive Education Services **2017-2019**

VOLUNTEER EXPERIENCE

Invited Speaker , Mckinley Elementary School	2022
Marketing Lead , North American Games User Research Summit	2021-2022
AvenueB Invited EEG Demonstration , UC Davis	2021
UC Davis Design School EEG Demonstration , UC Davis	2021
Brain Computer Interface Demonstration , Hanna Boys Center for At-Risk Youth	2019
EEG Demonstration , Hayward High School	2018
Discovery Day , Sonoma State University	2018
Book Buddies , Sonoma State University	2018

GRANTS

Diverse Mentoring Initiative Award	2022
Diverse Mentoring Initiative Award	2021
University of California Dukes Travel Award	2021
Sonoma State Student Research Award	2018-2019
Sonoma State School of Social Sciences Student Travel Award	2018-2019

PAPERS

Nadra, J. G., Bengson, J. J., Morales, A. B., & Mangun, G. R. (2022). The Temporal Dynamics of Willed Attention in Vision. *BioRxiv*, 2022.04.11.487895. <https://doi.org/10.1101/2022.04.11.487895>

CONFERENCES

Nadra, J., Bengson, J., Ding, M., & Mangun, G. (2022). Neural Mechanisms of Willed Attention in Overt Visual Search. *Cognitive Neuroscience Society Annual Meeting*, April 2022 (San Francisco, CA).

Nadra, J., Bengson, J., Ding, M., & Mangun, G. (2021, May). Tracking the Onset of Willed Attention: EEG, Alpha Oscillations & Machine Learning. Poster presentation. *Association for Psychological Science Annual Meeting*, Virtual.

Nadra, J., Mittal, A., Bengson, J. & Mangun, G. (2020, May). Mechanisms of overt attention in visual search: Eye tracking, hemifield bias and willed attention. Poster presentation. *Cognitive Neuroscience Society Annual Meeting*, Virtual.

Falk, R., **Nadra, J.** & Bengson, J. (2019, May). Using Event-Related Potentials to Examine Human Affinity for Curvature. Poster presentation. *Sonoma State University Science Symposium*, Rohnert Park, CA.

Parnell, B., **Nadra, J.** & Bengson, J. (2019, May). Exploring the Neural Correlates of Decision Driven Emotional Valence Expectancy. Poster presentation. *Sonoma State University Science Symposium*, Rohnert Park, CA.

Nadra, J., Holm, A., Falk, R., Liu, D., Bengson, J.J. (2019, January). Inference of willed attentional focus via local field potentials in humans. Poster presentation. *California State University Annual Biotechnology Symposium at Hyatt Regency Orange County*, Garden Grove, California.

Nadra, J., Holm, A., Falk, R., Bengson, J.J. (2018, November). Predicting Where You Will Attend: The Neural Circuitry of Decision Driven Attention. Poster presentation. *Southern California Conferences for Undergraduate Research at Pasadena City College*, Pasadena, California.