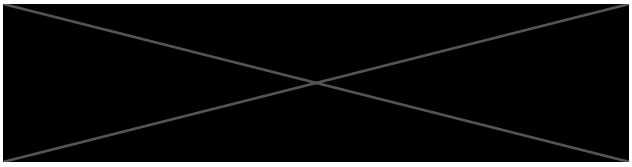

Education

Audited Graduate Courses

Current Topics in Psychology, Clinical Connections — Fall 2019
(University of Connecticut)

Seminar in Career Skills For Life After Graduate School — Fall 2018
(University of Connecticut)

Seminar: Perceptual and Brain Sciences — Spring 2018
(Colorado State University)

B.S., Neuroscience, *cum laude* — December 2017

Colorado State University, Fort Collins, CO

Behavioral and Cognitive Neuroscience concentration

Minor, Biomedical Sciences

Thesis Advisor: [redacted] Cognitive Psychology)

Thesis Title: "Functional Brain Networks Underlying Analogical Problem Solving"

Research Experience

Language and Brain (LAB) Laboratory — July 2018 - Present

Lab Manager

University of Connecticut, Department of Speech, Language and Hearing Sciences

PI: [redacted]

Areas of Research:

- The role of semantic predictability in speech perception
- Pupillometry to investigate attentional load during speech perception

Seger Cognitive Neuroimaging Laboratory — October 2014 - July 2018

Lab Manager (July 2017—July 2018)

Undergraduate Research Assistant (October 2014—July 2017)

Colorado State University, Department of Cognitive Psychology

PI: [redacted]

Areas of Research:

- How basal ganglia and cortical "loops" influence human learning
- Subcortical network dynamics in Parkinson's disease

Research Skills and Programming Experience

fMRI experimental design

- E-prime
- OpenSesame

fMRI data analysis - univariate and multivariate

- SPM12
- MATLAB
- AFNI

Transcranial Magnetic Stimulation

- Single pulse and repetitive TMS (rTMS)

Research Skills and Programming Experience (continued)

Behavioral experimental design and analysis

- E-prime
- Amazon's Mechanical Turk
- R
- Praat

Pupillometry design and analysis

- SR Research Experiment Builder
- R

EEG data collection and analysis

Publications (in preparation)

[redacted]

Conference Presentations

[redacted] (August 2019). Semantic Predictability Modulates Cortical Sensitivity to one c ompe on. os er presen e at the 2019 meeting of the Society for the Neurobiology of Language, Helsinki, Finland.

[redacted] November, 2016). Effector specificity in procedural category learning. Poster presented at the 2016 meeting for the Society for Neuroscience, San Diego, California.

[redacted] (April, 2016). How Preventing Consistent Motor Responses During a Category Learning Task Changes Patterns of Brain Activity: an fMRI Study. Poster presentation at the 2016 Celebrate Undergraduate Research (CURC) Showcase, Colorado State University, Fort Collins, Colorado.

Honors and Awards

Member, Tri-Beta Biological Honor Society	August 2017
Member, Nu Rho Psi Neuroscience Honor Society	March 2016
Dean's List, College of Veterinary Medicine and Biomedical Sciences	Fall 2015 - Fall 2017
Green and Gold Scholar	2014 - 2017
Accepted, College of Natural Sciences Learning Community	2014 - 2015
Advanced Placement Endorsed Diploma (High School)	2014

Teaching Experience

Guest Lectures

Effective Data Visualization (University of Connecticut "J-Term" Primers)	Spring 2020
Seminar in Career Skills For Life After Graduate School (University of Connecticut)	Fall 2019
National Student Speech Language Hearing Association Meeting (University of Connecticut)	Fall 2019
Introductory Neuroscience Seminar (Colorado State University)	Fall 2016, Spring 2017, Fall 2017

Teaching Assistant

Tutorial Leader, Principles of Human Physiology (Colorado State University)	January 2016 - December 2017

Relevant Experience and Skills

Graphic Design

Logo for **Training In The Cognitive Neuroscience of Communication (NIH T32DC017703-01)** Grant

Design of Colorado State University's Facilities Management Sustainability Website

Logo for Colorado State University's Compost Program

Graphic Designer, *College Avenue Magazine,* Colorado State University (former position)

Committee Membership

Lead Marketing Researcher, Colorado State University Composting Committee (former position)

Science Communication

Editor-in-Chief, Creator: Language and Brain Lab Digest 2018 - Present