

KATIE JOBSON

1701 N 13th St, Room 337F, Philadelphia, PA 19122 | 856-607-2892 | katie.jobson@temple.edu

EDUCATION

- Temple University**, Philadelphia, PA
PhD in Psychology and Neuroscience August 2020 - present
Advisor: Dr. Ingrid R. Olson
- Temple University**, Philadelphia, PA
MS in Neuroscience June 2020
Advisor: Dr. Ingrid R. Olson
Thesis: *White Matter Microstructure Underlying Empathy and Mentalizing*
- Arcadia University**, Glenside, PA
BA in Psychology May 2018
Advisor: Dr. Katherine S. Moore
Capstone: *Effect of Background Context on Visual Search*
- Lancaster University**, Lancashire, UK
Semester Abroad Spring 2017
Independent Project: *Affective Processing in Second Language Speakers*

CURRENT INTERESTS

- White matter development and changes in various populations (MCI, AD). How structural connectivity mediates high level vision, memory, and cognition.
- Technical skills include: eye-tracking, neuroimaging (diffusion weighted imaging and electroencephalography), and neuropsychological assessment

AWARDS

- Arthur and Helen Horvat Scholarship 2014-2020
- Awarded to students living in Luzerne County, Pennsylvania, whom are a science student and maintain a 3.0 out of a 4.0 GPA scale.
- Martha Jean Hill Research Award 2018
- Awarded to the most promising experimental researcher in the graduating class of 2018.
 - Nominated by a member of the department and unanimously agreed upon by the department.
- Summer Housing Grant for Research May 2015 – August 2015
- Given to students in good academic standing who are pursuing research over summers at Arcadia with a professor.
- Arcadia Distinguished Scholarship 2014-2018
- Awarded to students based on academic performance in high school

PUBLICATIONS AND POSTERS

1. Reilly J., Kelly A., Zuckerman B., Wells M., Twigg P., **Jobson, K. R.** & Flurie M. (2020). Building the perfect curse word: A psycholinguistic investigation of the form and meaning of taboo words *Psychonomic Bulletin & Review*, 27: 139-148.
2. Brown, C., Troy, N., **Jobson, K.**, & Link, J. (2018). Contextual and Personal Determinants of Preferring Success Attributed to Natural Talent or Striving. *Journal of Experimental Social Psychology*, 78: 134-147.
3. **Jobson, K.**, Sanavere, K., & Moore, K. (2018, November). Context Modifies Expected Color Template in a Visual Search. Poster presented at *Psychonomics Conference*, New Orleans, LA.
4. Link, J., **Jobson, K. R.**, Troy, N. S., & Brown, C. M. (2017, March). The role of self-relevance in preference for striving versus natural talent. Poster presented at the 2017 *Eastern Psychological Association Conference*, Boston, MA.
5. Troy, N. S., **Jobson, K.**, Link, J., & Brown, C. M. (2017, March). A preference for strivers over naturals in every settings and cooperative tasks. Paper presented at the 2017 *Eastern Psychological Association Conference*, Boston, MA.

LABORATORY EXPERIENCE

Research Assistant, Temple University (Philadelphia, PA) September 2019 – June 2020

Aphasia Rehabilitation Research Lab, P.I. Dr. Nadine Martin

- Conduct neuropsychological tests for working memory, processing speed, executive function, and general language ability in older adults
- Analysis of diffusion weighted imaging; preprocessing and tractography using FSL software; segmentation of white matter hyperintensities using UBO Detector; free water correction in DIPY

Master's Student, Temple University (Philadelphia, PA)

December 2018 – May 2020

Cognitive Neuroscience Lab, P.I. Dr. Ingrid Olson

- Conduct neuropsychological tests for working memory and episodic memory on young and older adults
- Creation of an experiment to measure empathy using Python
- Analysis of diffusion weighted imaging data using FSL software

Visiting Researcher, Temple University (Philadelphia, PA)

September 2018 – present

Concepts and Cognition Lab, P.I. Dr. Jamie Reilly

- Assist in the design of EEG and eye-tracking experiments
- Assist collecting EEG data
- Analyze EEG data using SPM (EEGLAB and ERPLAB)
- Analyze behavioral data using R

Lab Manager, Arcadia University (Glenside, PA)

August 2015 – December 2017

Social Psychology Lab, P.I. Dr. Christina Brown

- Assisted in designing and creating hypotheses for behavioral experiments
- Collected behavioral data via Qualtrics and Mturk

Coordinated with other lab members and assisted PI in writing publication

Research Assistant, Arcadia University (Glenside, PA)

May 2015 – August 2015

Behavioral Neuroscience Lab, P.I. Dr. Joshua Blustein

- Reviewed research for the methodology of the experiment
- Supervised rat care and handling for the months leading up to the experiment besides injections the week of the experiment
- Prepared materials for experiments daily

SKILLS

Programming

- JavaScript
- Python
- MATLAB
- Bash/shell

Data Analysis

- SPSS
- R
- Excel

Data Collection/Processing

- Qualtrics/MTurk
- EEG (collected with Biosemi; processed with SPM)
- MRI (collected with 3T Siemens; processed with FSL, DIPY, and SPM)
- MRICron, ITK-SNAP

RELATED EXPERIENCE

Student Programming Board, Glenside, PA

December 2015 – May 2016

Comedy and Entertainment Chair

- Organize events for weekend entertain at Arcadia University
- Coordinated arrival of acts
- Introduced acts as a representative of the university

Cartridge World, Pittston, PA

May 2012 – August 2018

Computer Technician

- Performed diagnostics on computers brought into the store
- Implemented any basic fix to computers (such as cleaning it of a virus or updating it)
- Installed important programs on computers

LANGUAGES

English – native language

Spanish – listen, read, and write with basic competence