

Caitlin Volante

(561) 603-3869

cv19b@my.fsu.edu

Education

Florida State University – Tallahassee, FL

May 2023

Bachelor of Science in Behavioral Neuroscience

Honors Thesis Title: *High Rising Terminals as a Function of Gender, Race, and Social Status*

Relevant Courses: R for Data Science, Cognitive Psychology, Physiological Psychology, Cell Structure and Function, Fundamentals of Neuroscience, Research Methods in Neuroscience

Core Qualifications

- Certified in Human Subjects Research (CITI).
- Certified in GCP for Clinical Investigations of Devices.
- Research development, implantation and presentation.
- Data analysis and visualization in R for Data Science.
- Proficient in Qualtrics, Excel, PowerPoint, and Word.

Professional Experience

Honors Thesis Project

January 2021 – July 2022

Interpreting High Rising Terminals as a Function of Gender, Race, and Social Status

PI: Dr. Michael Kaschak

- Invited to present at the 2022 Psychonomic Society Conference.
- Receiver of the Mark A. Berkely Research Fellowship.
- Independently designed and submitted research proposal to the Internal Review Board.
- Created survey and Implicit Association Tests to record data.
- Collaborated with Graduate and Directed Individual Study (DIS) Students to find the best ways to run the project.
- Used R for Data Science to merge and analyze data.

Laboratory Assistant – Tallahassee, FL

January 2021 – Current

Learning, Memory, and Language – Employed through Women in Math, Science, and Engineering Research Experience Program (WIMSE REP)

PI: Dr. Michael Kaschak

- Recorded data and maintained source documentation following good documentation practices.
- Assisted graduate students in data collection.
- Developed Honors Thesis Project.
- Collaborated with graduate students for project set-up and data analysis.
- Worked with DIS students to produce and administer research protocols.
- Write papers to submit for publication.
- Used Praat to analyze voice recordings.

Laboratory Assistant – Tallahassee, FL

May 2022 – Current

FSU Anxiety and Behavioral Health Clinic

PI: Dr. Brad Schmidt

- Administered EEG as a measure of PTSD in participants.

- Followed proper EEG protocol for set-up, administration, and clean-up.
- Monitored impedances and EEG output
- Kept proper participant documentation.

Technician Intern – Pompano Beach, FL

May 2021 – August 2021

Rand Eye Institute

- Worked with pre-operation patients using:
 - Optical Coherence Tomography machine
 - Oculus Pentacam machine
 - Humphrey Visual Field machine to take 24-2 and 10-2 analyses
 - Fundus Machine

Research Assistant – Tallahassee, FL

January 2020 – January 2021

The Knapp Lab: Nitrogen Cycling, especially in the Ocean

PI: Dr. Angela Knapp

- Cleaned and maintained equipment in good working order using HCl Baths and the Autoclave.
- Streaked plates for graduate students.
- Read and summarized scientific journals for weekly presentation.
- Executed research techniques, procedures, and tests analyzing nitrite on the UV Spectrophotometer, nitrate on the NO_x Box, and phosphate on the Mass Spectrometer

Neuroscience Honor Society (NuRhoPsi)

Spring 2020 – Current

- Inducted Fall 2022
- Learned about different career paths in neuroscience.
- Attended faculty guest lectures discussing their research.

Neuroscience Undergraduate Research Association (NUSA)

Spring 2020 – Current

- Journal Club – learned to read, analyze, and present scientific journals and papers.

Women in Math, Science, and Engineering (WIMSE)

Fall 2019 – Current

- Presents yearly at the Spring Research Symposium.
- Learned professional and personal skills necessary for a professional career in a STEM field.
- Participated in the Big/Little program as a little one year and as a Big the next, being a mentor to two WIMSE freshmen.
- Participated in yearly Girl Scout Day, empowering girls to participate and take an interest in science from a young age.

Hall Council – *Eco-Rep*

August 2019 – April 2020

- Worked close with Sustainable Campus FSU to ensure that the most sustainable practices were put in place for hall events. Collaborated with council members to create 10 events each semester.

Textbook Sales – Tallahassee, FL

August 2019 – September 2019

Florida State University Book Store

- Adhered to established policies, procedures, and compliance for satisfactory customer experience.
- Exceptional attendance record with specialized attention to punctuality and preparation to work upon arrival.

Honors and Awards

- Honors in the Major
- NuRhoPsi Honor Society

- Berkley Research Endowment
 - Arts and Sciences Travel Grant
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Presentations

Volante, C., K. Chia, and M. Kaschak. (will present November 2022). High Rising Terminals as a Function of Gender, Race, and Social Status. Poster presentation at the Psychonomic Society 63rd Annual Meeting. Florida State University.

Volante, C., K. Chia, and M. Kaschak. (presented April 2022). High Rising Terminals as a Function of Gender, Race, and Social Status. Poster presentation at the Psychology Research Day Symposium. Florida State University.

Volante, C., K. Chia, and M. Kaschak. (presented April 2022). High Rising Terminals as a Function of Gender, Race, and Social Status. Poster presentation at the 22nd Annual Undergraduate Research Symposium. Florida State University.

Volante, C., K. Chia, and M. Kaschak. (presented April 2022). High Rising Terminals as a Function of Gender, Race, and Social Status. Poster presentation at the Women in Math, Science, and Engineering Spring Research Symposium. Florida State University.

Volante, C., K. Chia, and M. Kaschak. (presented April 2021). Set-up for High Rising Terminals as a Function of Gender, Race, and Social Status. PowerPoint presentation at the Women in Math, Science, and Engineering Spring Research Symposium. Florida State University.