

CHRISTINA JINHEE CAPOZZOLI

cjc7620@psu.edu

jincapozzoli@gmail.com

(443)-900-0517

EDUCATION

Pennsylvania State University, World Campus

Master of Applied Statistics, In Progress (expected Fall 2025)

Current GPA: 4.0

University of Maryland, College Park, MD

Bachelor of Science, Neuroscience, May 2022

Minor, Sustainability Studies

Major GPA 3.98

Biology Honors Thesis: “The Link Between Infant Amygdala Functional Connectivity and Behavioral Inhibition”. Defended with High Honors, April 2022.

Mentors: Dr. Nathan Fox, Dr. Courtney Filippi

Relevant Coursework: Memory and Cognition, Fundamentals of Learning and Behavior, Neural Circuits, Cellular and Molecular Neuroscience, Research Methods in Psychology, Regression Methods

HONORS & AWARDS

Biology Departmental Honors (Fall 2020-Spring 2022)

Maryland Summer Scholar (Summer 2021)

University Honors Program (Fall 2018-Spring 2022)

Dean’s List (Fall 2018-Spring 2022)

RESEARCH EXPERIENCE

Boston Morality Lab, Boston College

Volunteer researcher, Fall 2023-Present

- Supervisor: Stylianos Syropoulos, Post-doctoral Researcher
- Ran multiple regression analyses and meta-analyses on several large multinational datasets to investigate moral expensiveness
- Utilized multilevel models to analyze how the US public’s perception of climate change risk has shifted over time

Social Cognitive & Neural Sciences Lab, Columbia University

Lab Manager, Summer 2022-Summer 2023

- PI: Jon Freeman, Associate Professor & Lab Director
- Improved efficiency of lab activities through maintenance of lab servers, hiring and training research assistants, launching web experiments, handling compensation and IRB, and keeping lab websites up-to-date.
- Applied Hidden Markov Modeling (HMM) for event segmentation of continuous ratings in study investigating the neural mechanisms of personality perception

- Wrote and edited scripts (Shell, Python, R) for generating stimuli and preprocessing/analyzing behavioral and functional neuroimaging data (AFNI, FSL)

Social Identity & Morality Lab, New York University

Head Research Assistant, June 2022-August 2022

- Supervisor: Diego Reinero, Post-doctoral Fellow
- Enthusiastically led a team of 7 undergraduate research assistants to collect data via online experiments, clean data using Ruby script and Excel, create surveys via Qualtrics, and improve organization
- Recruited and communicated with 50+ participants via SONA
- Prepared for and led weekly team lab meetings, created a safe space for addressing issues and asking questions, facilitated learning lab software through tutorials and well-documented protocols

Child Development Lab, University of Maryland, College Park

Undergraduate Research Assistant, Fall 2020-Spring 2022

- PI: Nathan Fox, Professor & Lab Director
- Assisted with in-lab infant/toddler behavioral and imaging data collection, and behavioral coding of infant reactivity
- Completed preprocessing, quality checks, and statistical analysis of fMRI data (MATLAB, R)
- Gained familiarity with cognitive neuroscience literature and research methods to develop honors research project and thesis

Applied Research Lab for Intelligence and Security, University of Maryland, College Park

Undergraduate Research Assistant, Fall 2019-Spring 2020

- Analyzed of heart rate monitoring data using Kubios Heart Rate Variability software
- Handled equipment for heart rate monitoring and electrical stimulation of the vagus and trigeminal nerves
- Proctored and compensated participants during online language learning study

PRESENTATIONS

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- Invited: “Who is Harmed? Exploring Differences in Americans' Perceptions of Climate Change Risks.” APA Division 34 Annual 2024 Virtual Conference, September 2024.
 - International Congress of Infant Studies, Ottawa, Canada. “The Link Between Infant Amygdala Functional Connectivity and Behavioral Inhibition,” July 2022.

SERVICE

One for the World UMD Chapter

Vice President of Events and Outreach, Spring 2022

- Planned outreach events to educate students about actions they could take to improve the lives of people facing extreme poverty
- Created and led 50-minute workshop on effective giving at university-wide hackathon

Terps for Change

Volunteer, Fall 2020-Spring 2021

- Volunteered 2 hrs/wk to maintain the university's Community Learning Garden and Arboretum, including mulching, weeding, raking, learning about environmental science, and planting seeds for produce to be donated to the campus food pantry
- Engaged in weekly hour-long open dialogues with fellow volunteers to discuss complex social justice issues

SKILLS

- Data wrangling and analysis: R, Python, Jamovi
- Computational: Shell/Linux; JavaScript; MATLAB; HTML; C-based Arduino; Git
- fMRI preprocessing and analysis (AFNI, FSL, CONN)
- Behavioral coding (Mangold INTERACT)
- Neuron electrical potentials (LabChart)