

Zhiheng (Joe) Zhou

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EDUCATION

Oxford College of Emory University

Associate of Arts

Cumulative GPA: 3.94/4.00

Oxford, GA

August 2021 – May 2025

Honors: Phi Eta Sigma Honor Student (Oxford Chapter)

Dean's List of Oxford College for the Spring 2023 Semester

Dean's List of Oxford College for the Fall 2021 Semester

Emory University

Bachelor of Science in Psychology

Cumulative GPA: 3.892/4.00

Atlanta, GA

Expected in May 2025

Honors: Dean's List of Emory College for the Spring 2024 Semester

RELATED EXPERIENCE

Hamann Cognitive Neuroscience Lab, Stephan Hamann (Professor), Susie Shepardson (Mentor), Psychology Department of Emory University

Atlanta, GA

Student Research Assistant

August 2023 - Current

- Work on the Post-Encoding Arousal (PEA) research project with the mentor and other research assistants.
 - This project focuses on the effect of post-encoding (after encountering the positive/neutral/negative word stimuli) arousals (positive/neutral/negative videos) on participants' memory of words.
 - It measures the number of correctly remembered words (hit rate) and wrongly remembered words (false alarm) and compares data across different arousal conditions.
 - The result reveals no apparent effects for all three conditions, which is the opposite of results from previous research papers.
- Work on the Cued Recall (CR) research project with the mentor and other research assistants.
 - This project focuses on the effects of different genres (positive/neutral/negative) of pictures on participants' recalled memory after a delay period and 24 hours.
 - It asks participants to describe the pictures with the help of one cue word for each picture. It compares the accuracy of participants' responses across three conditions.
 - The results found that negative pictures have better recalled memory than neutral pictures, and there were no apparent differences between positive and neutral pictures.
- Participate in pilot studies and help modify the study design, procedures, and stimuli.
- Contact and communicate with participants through email and online study sign-up system (Calendaryl and SONA system). Run at least 4 participants each week.
- Instruct participants to finish tasks through studies, including computer-programmed and paper tasks.
- Collect physiological data, including heart rate, respiration, and skin conductivity, by using a BioPac device.
- Collect auditory data by using a voice recorder and transcribe the recordings afterward.
- Analyze data using Excel and RStudio.
- Attend weekly lab meetings and share findings and issues with the mentor and other research assistants.

Directed Research: "Delta-8 THC", Jennifer McGee, Psychology Department of Oxford College

Oxford, GA

Student Research Assistant

August 2022 - December 2022

- Work with the professor and other research assistants to identify knowledge gaps and generate new research questions focusing on Delta-8 THC.
- Work with the professor and other research assistants on a research proposal.
- Search for past research papers on Delta-8 THC and Delta-9 THC on websites such as Google Scholar, Jstor, and Emory Library database.
- Read past research papers and analyze them regarding topics, methods, results, and knowledge gaps using Google Docs.
- Search for additional information on social media about Delta-8 THC and Delta-9 THC, including ways of purchasing and individual reactions after taking related drugs.

- Help generate an online study, “Delta-8 THC Usages and Experience Survey,” aiming to collect and provide vital demographic and personal use data regarding Delta-8 THC.

Directed Research, “The Neural Basis of Reward and Motivation”, Henry Yin, Psychology Department of Duke University

Remote

Summer Research Assistant

June 2022 - August 2022

- Work with the professor to generate a new meta-analysis paper and help other research assistants generate new research proposals regarding the neural reward system.
- Get trained 40+ hours in researching, online searching, and data analyzing skills.
- Get trained 40+ hours in general knowledge about neuroscience, psychology, and biology.
- Search for past research papers on the neural reward system on websites such as Google Scholar, Jstor, and Web of Science.
- Analyze past research papers regarding topics, methods, results, and knowledge gaps.
- Identify the knowledge gaps and generate an original meta-analysis paper, “A Meta-Analysis of Reward Function and Childhood Obesity.” It summarizes and analyzes past research on reward function and childhood obesity, identifies existing knowledge gaps, and proposes future research directions.
- The meta-analysis paper “A Meta-Analysis of Reward Function and Childhood Obesity” has been published, and the link is: <https://pdfs.semanticscholar.org/e631/202521c57c0eecd12f548544076fa3c062b.pdf>.

Directed Research, “Stigma and Well-being”, David Frost, Social Psychology Department of UCL

Remote

Summer Research Assistant

June 2020 - August 2020

- Get trained 40+ hours in researching, online resource searching, and data analyzing skills.
- Get trained 40+ hours in general knowledge about sociology and social psychology.
- Search for past research papers on the neural reward system on websites such as Google Scholar, Jstor, and Web of Science.
- Search for trending news and posts on news platforms and social media.
- Analyze past research papers regarding topics, methods, results, and knowledge gaps. Analyze trending news and posts to identify issues worth noticing.
- Generated an original research proposal, “The Effects of Teachers’ Stigma to Students’ Physical Appearances on Students’ Grades and School Performances.”

ADDITIONAL EXPERIENCE

Lifeguarding, Oxford College of Emory University

Oxford, GA

Lifeguard

January 2022 – May 2023

- Lifeguarding in the pool at Oxford College of Emory University. Working 6+ hours each week.

Forest Tech Team, Oxford College of Emory University

Oxford, GA

Team member

August 2021 - December 2022

- Working with other members to identify and remove invasive species in the forest around the natural trail.

Marketing Advertising Internship, Beijing Puli Pharmaceutical Co. Ltd.

Beijing, China

Marketing Intern

June 2022 - August 2022

- Identify and analyze market situations.
- Collect product information and market comments on the product.
- Working with group members to create marketing advertising and sale plans.

LEADERSHIP AND COMMUNITY INVOLVEMENT

Oxford Chinese Student Association, Oxford College of Emory University

Oxford, GA

Club President

January 2023 - May 2023

- Coordinate jobs and communication of different departments in the club.

- Work with the faculty supervisor and executive board members to plan and host events, such as Chinese Lunar New Year Festival event and Valentine's Day event.

Arbor Day Community Event, Oxford College and Tree City USA

Oxford, GA

Volunteer

January 2020 – May 2023

- Attend Arbor Day event in the city park, and meet with the mayor of Oxford city as an ambassador of Oxford College of Emory University.
- Collaborate with Tree City USA community workers to remove invasive species in the forest.
- Collaborate with Tree City USA community workers to hand out saplings to community residents.

SKILLS, INTERESTS AND CREDENTIALS

Computer: Adobe PS, Pr, AE and Lr; Microsoft Excel, Word, PowerPoint and Outlook; R and Rstudio; Google Docs and Google Pages; Python; Java; GitHub Pages.

Language: Fluent in English and native in Chinese.

Certifications: Certified Lifeguarding with CPR/AED for Professional Rescuers and First Aid.