

Austin T. Chrisley

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EDUCATION

Duke University, Anticipated Graduation: May 2025

Durham, NC

Majors: B.S. Neuroscience and B.S. Evolutionary Anthropology (*Conc.:* Behavior, Ecology, & Cognition)

Minor: Global Health

Honors: Neuroscience Graduation with Distinction Candidate

Relevant Coursework: Data Analysis/Statistical Inference, Practical R, Calculus I & II, Fundamentals of Global Health, Global Health Ethics, Immigration and Health, Sociality, Fitness, & Health, Religion & Science, Inside the Disordered Brain, Cognitive Neuroscience

RELEVANT EXPERIENCE

Scott Huettel Decision-Making Lab, *Senior Thesis Researcher*, Jan 2023 – Present

Durham, NC

Project: How does implementing a two-stage choice model affect moral licensing and decision making?

Advisors: Drs. Scott Huettel & Nitisha Desai

- Utilized eye-tracking software to address key research questions
- Recruited and ran experiments with 90+ participants using IRB-approved protocols
- Analyzed complex datasets using R with advanced statistical and visualization techniques
- Processed and cleaned high-dimensional eye-tracking datasets, using custom scripts to extract fixation, saccade, and dwell time metrics for statistical evaluation in R
- Developed data visualizations (heatmaps, time-series plots, and behavioral choice distributions) to communicate key findings
- Completed literature review and developed stimuli using Qualtrics

Sheng Yang He Molecular Biology Lab, *Research Assistant*, Aug 2022 – Present

Durham, NC

- Supported research on microbial pathogen-host interactions in *Arabidopsis*
- Prepared media, antibiotics, standard laboratory solutions; and streaked culture plates, maintained lab equipment, and sterilized/disposed of hazardous waste
- Trained new lab members in lab techniques, safety, and solution preparation

Cognitive Neuroscience Research Internship, *Intern*, Jan 2023 – May 2023

Durham, NC

- Developed a visual search task using Python that can be used to study how humans find and recognize objects
- Designed realistic moral scenarios for use in eye-tracking experiments studying moral decision making

Premiere Cinema 10, *Cashier/Usher*, Jun 2021 – Aug 2022

Greenwood, SC

- Delivered efficient customer service and maintained cleanliness in a high-traffic environment

RESEARCH FELLOWSHIPS

Psychology Vertical Integration Program, Duke University, Summer 2023,

Durham, NC

- Conducted research focusing on moral decision-making processes and theories, including moral wiggle room, moral judgments, moral licensing, and risky choice behaviors
- Enhanced coding and statistical analysis proficiency through R workshop tutorials

Summer Neuroscience Program, Duke University, Summer 2024

Durham, NC

- Applied regression analysis, behavioral modeling, and data visualization techniques in R to quantify the impact of a two-stage choice model on moral licensing behavior
- Created and presented a research poster to visually communicate complex findings

EXTRACURRICULAR ACTIVITIES

Duke Human Rights Student Advisory Board, *Co-Chair*, Jun 2022 – Present

Durham, NC

- Collaborated with the Human Rights Faculty Advisory Board to address issues on campus
- Led weekly meetings to discuss human rights topics and initiatives

United Nations Children's Fund (Duke-UNICEF), *Co-President*, Aug 2022 – Jan 2025

Durham, NC

- Organized fundraisers, raising over \$800 for global and local organizations
- Coordinated student volunteer efforts with Durham-based NGOs

Duke University Archive Research, *Primary Author*, Sep 2021

Durham, NC

- Conducted and published interviews with youth leaders on education and health equity

SKILLS

Programming: R/CRAN*, Python† (incl. PsychoPy), JavaScript‡, HTML†, CSS†, MATLAB‡

Laboratory: Eye Tracking*, Mouse Tracking‡, Agarose Gel Electrophoresis‡, PCR†, Bacterial Transformation‡, DNA/RNA Extraction†, Light Microscopy†

Additional: Microsoft Office (Excel, PowerPoint, Word)*, Google Drive (Sheets, Slides, Docs)*, Qualtrics*

[*Proficient, †Limited proficiency, ‡Experience with]