

# Austin T. Chrisley

Email: austin.chrisley@duke.edu | Portfolio: www.austinchrisley.com | LinkedIn: https://www.linkedin.com/in/austin-chrisley/

## EDUCATION

**Duke University**, *Anticipated Graduation*: May 2025

Durham, NC

*Majors*: B.S. Neuroscience, B.S. Evolutionary Anthropology (*Concentration*: Behavior, Ecology, & Cognition); *Minor*: Global Health

- 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 Neuroeconomics & Decision-Making Lab**, *Senior Thesis Researcher*, 01/2023-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 develop and implement strategies addressing key research questions
- Recruited and conducted research with 80+ human participants following IRB-approved protocols
- Conducted advanced statistical analyses and data visualization using R to interpret complex datasets
- Completed extensive literature review in decision-making psychology, eye tracking, and neuroeconomics
- Designed preliminary and stimuli development studies using Qualtrics to measure individuals' decision-making mechanisms

**Sheng Yang He Molecular Biology Lab**, *Research Assistant*, 08/2022-Present

Durham, NC

- Assisted researchers studying climate-specific microbial pathogens and their infection of host plants, primarily *Arabidopsis*, and other model organisms
- Perform DNA extractions, PCR, and gel electrophoresis to assist in the understanding of the plant's genome
- Prepared media, antibiotics, and standard laboratory solutions, streaked culture plates, maintained lab equipment, and sterilized/disposed of hazardous waste
- Trained new lab members in molecular biology techniques, laboratory safety protocols, and media preparation

**Cognitive Neuroscience Research Internship**, *Intern*, 01/2023-05/2023

Durham, NC

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

**Premiere Cinema 10**, *Cashier/Usher*, 06/2021-08/2022

Greenwood, SC

- Engaged with customers while fulfilling cashier responsibilities, providing friendly and efficient service
- Assisted guests with inquiries, ensuring a positive and welcoming environment while maintaining theater cleanliness

## 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
- Synthesized findings into a research poster presentation, translating complex statistical results into clear, visual narratives

## EXTRACURRICULAR ACTIVITIES

**Duke Human Rights Student Advisory Board**, *Co-Chair*, 06/2022-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*, 08/2022-01/2025

Durham, NC

- Partnered with NGOs in Durham to provide support and volunteering from Duke students
- Raised over \$300 for World Relief Durham and \$500 for UNICEF-USA fundraisers

**Duke University Archive Research**, *Primary Author*, 09/2021

Durham, NC

- Conducted and published interviews with young leaders about their contributions to education, health, and community initiatives

## SKILLS

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

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

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

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