

Brenden Eum

PHD CANDIDATE · SOCIAL & DECISION NEUROSCIENCE

California Institute of Technology, 1200 E. California Blvd. MC 228-77, Pasadena, CA 91125
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Education

California Institute of Technology

PHD SOCIAL & DECISION NEUROSCIENCE

- Advisor: Prof. Antonio Rangel

Pasadena, CA

2019 - present

Columbia University

MA ECONOMICS

- Advisor: Prof. Brendan O'Flaherty

New York, New York

2016 - 2017

New York University

BA ECONOMICS, MAGNA CUM LAUDE

- Minor in Mathematics

New York, New York

2014 - 2016

Professional Experience

2017-2019 **Joint Micro & Macroeconomics Research Assistant**, Columbia Business School

2016 **Economic Research Assistant**, Haver Analytics

2014-2015 **White Collar Criminal Justice Legal Assistant**, Varghese & Associates, PC

2013 **Intern to Market Analyst**, Harvey & Company LLC

Publications

IN REVIEW

Eum, B., & Rangel, A. (2022). Peripheral visual information halves attentional choice biases. (*R&R Psychological Science*)

WORK IN PROGRESS

Using belief elicitation in the lab to evaluate models of choice processing (with Antonio Rangel)

Value signals in the orbitofrontal cortex incorporate reference-dependent surprise utility (with Antonio Rangel)

Awards, Fellowships, & Grants

2022 **Chen Graduate Innovator Grant**, T&C Chen Center for Social & Decision Neuroscience \$ 10,000

2021 **Brass Division Teaching Award**, Humanities and Social Sciences, Caltech \$ 1,500

2019 **Chen Graduate Fellowship**, T&C Chen Center for Social & Decision Neuroscience

2016 **NYU Founder's Day Scholar Award**, New York University

2014 **Parliamentary Debate Gold Medalist**, Pacific Southwest Collegiate Forensics Tournament

Teaching Experience

2021-2022 **Bayesian Statistics**, Teaching Assistant for Prof. Antonio Rangel

2020-2021 **Social & Decision Neuroscience Bootcamp**, Instructor, Economics & Statistics

2020 **Introduction to Economics**, Teaching Assistant for Prof. Charles Plott

Mentoring

2021 **Trinity Pruitt**, WAVE Fellowship Program, Co-Mentor with Prof. Antonio Rangel

Professional Development

SERVICE AND DEVELOPMENT

2021-2022 **Caltech Graduate Student Council**, Department Representative

2020-2021 **Social & Decision Neuroscience Bootcamp**, Co-Organizer with Marcos Gallo

2020 **Chen Institute Seminar**, Question Curator for Prof. Colin Camerer and Prof. Dean Mobbs

2016 **NYU Economics Review**, Co-Founder and Managing Editor

MEMBERSHIPS

Phi Beta Kappa, Omicron Delta Epsilon Economics Honor Society, NYU Stern Economic Honors Society

SKILLS

R, Python (+PsychoPy), MATLAB (+PsychToolbox), Stata, LaTeX, MS-Office

HOBBIES

rock climbing, snowboarding, cycling, hiking, backpacking