

Brenden Eum

PHD CANDIDATE · SOCIAL & DECISION NEUROSCIENCE

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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

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	
2017	Predoctoral Fellowship , The Economics Division, Columbia Business School	
2016	NYU Founder's Day Scholar Award , New York University	
2014	Parliamentary Debate Gold Medalist , Pacific Southwest Collegiate Forensics Tournament	

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)

Using biased priors and exogenous response times to evaluate sequential sampling models (with Michael Woodford)

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 Experience

- 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

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

TRAINING COURSES ATTENDED

Summer School on the Cognitive Foundations of Economic Behavior

MEMBERSHIPS

Phi Beta Kappa, Society for Judgement and Decision Making

SKILLS

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

HOBBIES

rock climbing, snowboarding, cycling, hiking, backpacking