

MARCOS FELIPE NAZARETH GALLO

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EDUCATION

California Institute of Technology, Pasadena, CA, *In Progress*
PhD, Social and Decision Neuroscience.

Massachusetts Institute of Technology (MITx), Boston, MA, *April 2019*
MicroMasters, Data, Economics, and Development Policy.

Shanghai Jiao Tong University, Shanghai, China, *September 2018*
Master of Science, Economics (in Mandarin).
Thesis: *A Bribery Game Analysis Based on Prospect Theory*

Brigham Young University, Provo, UT *August 2016*
Bachelor of Arts, Economics, Honors.
Minors: International Development, Mathematics, Chinese.

PUBLICATIONS

Buyalskaya, A., Gallo, M., & Camerer, C. F. (2021). *The Golden Age of Social Science*. Proceedings of the National Academy of Sciences, 118 (5).

Lin, C., Keles, U., Tyszka, J. M., Gallo, M., Paul, L., & Adolphs, R. (2020). *No strong evidence that social network index is associated with gray matter volume from a data-driven investigation*. *Cortex*, 125, 307-317.

RESEARCH EXPERIENCE

A New Poverty Paradigm with Priority Queueing, with Colin Camerer, *In Progress*
Developed a mathematical model of decisions under poverty, using behavioral science principles.
Programmed an online experiment in PsychoPy to test theory.

Meta-analysis on Discrimination Studies, with Ming Hsu and Anna Jenkins, *In Progress*
Summarized dozens of studies into a systematic review.
Performed meta-analytical tests in RStan.
Wrote summaries of the most up-to-date evidence on discrimination studies in the field.

Math Learning Interventions, with Angela Duckworth, *In Progress*
Extracted novel insights from teacher computer usage data.
Designed emails sent to teachers through a 4-week period to test and implement findings.

Corruption Experiment, with Xiangdong Qin *September 2018*
Conducted a bribery experiment to test the effectiveness of different levels of corruption punishment.
Programmed experiment in zTree and analyzed data in R.

Ethnic Discrimination in Northern Thailand, with Joel Selway, *August 2016*
Designed experiment in Qualtrics to test discrimination across religious and ethnic groups.
Lead team of 15 research assistants in properly conducting surveys.

Behavioral Policy Design in Lehi, UT, with Ty Turley, *May 2016*
Designed interventions based on behavioral science principles to reduce water consumption.
Conducted ethnographic research to match most practical applications.
Collaborated with city officials to develop operationally relevant recommendations and lessons.

TEACHING EXPERIENCE

Social and Decision Neuroscience Bootcamp

Organized and taught a bootcamp on topics in data science, economics, neuroscience, and psychology.

Teaching Assistant: Corruption

Assisted students in developing a research question in the field of corruption. Taught how to develop and implement statistical models to test hypotheses.

Teaching Assistant: Introduction to Political Science

Taught students game theoretical models applied to political contexts.

Teaching Assistant: Introduction to Neuroscience

Developed teaching materials and lectured weekly on principles of neurobiology and cutting-edge research in neuroscience.

Teaching Assistant: Bayesian Statistics

Assisted students in developing and programming Bayesian models in R.

CONFERENCES

Economic Science Association

October 2021

- A New Poverty Paradigm with Priority Queueing

Society for Neuroeconomics Conference

September 2021

- A New Poverty Paradigm with Priority Queueing

NYU Neuroeconomics Summer School

July 2019

- The Prom Queen Paradox: The Perceptions of Connectivity in Closely-knit Social Networks

Midwest Political Science Association Conference

April 2020

- Harnessing Thai Culture and Nationalism to Prevent Human Trafficking
- Economic Burdens and Cultural Similarity: Attitudes toward Refugee Aid in Thailand

Midwest Political Science Association Conference

April 2019

- The Turban Effect in Northern Thailand: Decomposing the Factors of Muslim Discrimination.

AWARDS AND SCHOLARSHIPS

Chen Graduate Fellow in Neuroscience

September 2018

Shanghai Government Full Scholarship

August 2016 - August 2018

BYU Commencement Speaker

August 2016

Brigham Award

March 2016

BYU Kennedy Scholar

August 2015

VOLUNTEER EXPERIENCE

SAT tutor

August 2019 - present

- Assists Chinese-speaking youth in preparing for the SAT.
- Developed curriculum and teaching materials.

Full-time Missionary

May 2012 - May 2014

The Church of Jesus Christ of Latter-Day Saints

Orlando, FL

- Deferred studies for 2 years to share beliefs and provide community service.
- Directed, supervised, and trained groups of up to 150 missionaries.

LANGUAGES

Portuguese (native)

Mandarin (fluent)

Spanish (fluent)

English (fluent)

Italian (intermediate)

Thai (elementary)