

Adam Zaid Austin Bouyamourn

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Education

UC BERKELEY 2018 - June 2024 (anticipated)

PhD in Political Science

Committee: Thad Dunning (Chair), Kirk Bansak, Erin Hartman, Peng Ding, Avi Feller

Dissertation: Three Essays on Causal Inference After Selection.

Subfields: Methodology and Formal Theory (with Distinction), Models and Politics, Political Behavior

GEORGETOWN UNIVERSITY 2016-2018

Master of Public Policy

UNIVERSITY OF OXFORD 2008-2011

MA in Philosophy, Politics and Economics

Publications

Adam Bouyamourn, 2023. [Why LLMs Hallucinate: Perceptual, Intensional and Extensional Learning for Faithful Natural Language Generation](#). In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing*.

Lucas Spangher, Akash Gokul, Manan Khattar, Joseph Palakapilly, Akaash Tawade, Adam Bouyamourn, Alex Devonport, and Costas Spanos. 2020. [Prospective Experiment for Reinforcement Learning on Demand Response in a Social Game Framework](#). In *Proceedings of the Eleventh ACM International Conference on Future Energy Systems*.

Papers Under Review

Collusive and Adversarial Replication. *Revise and resubmit at Research and Politics*.
(Invited submission to special issue on replication.)

Papers in Progress

[The Power of Prognosis: Informativeness-weighted Covariate Balance Tests](#) (with Clara Bicalho and Thad Dunning).

Selective Experimentation and Stability Radii: What You Find Depends On Where You Look.

Pre-Analysis Plans and External Validity (with Tak-Huen Chau).

Transformers Are Intensional Learners.

Which Questions Can LLMs Answer?

Counting Comparisons.

Is Firm-Level Regulation of AI Different? An Observability Perspective.

Political Sophistication As An Optimal Stopping Problem.

Political Disinformation As A Poisoning Attack.

Presentations

Research Workshop in American Politics, UC Berkeley	2019
APSA	2021
American Causal Inference Conference	2022
Methods Workshop, UC Berkeley	2023
PolMeth	2023
EMNLP	2023

Teaching

GRADUATE STUDENT INSTRUCTOR, UC Berkeley	
Formal Models in Political Science	Spring 2023
Quantitative Methods in Political Science (undergraduate)	Spring 2022
Quantitative Methods in Political Science (graduate)	Spring 2021
Introduction to American Politics	Fall 2019, Spring 2020
TEACHING ASSISTANT, ICPSR	
Race, Ethnicity and Quantitative Methodology	Summer 2018
RECITATION INSTRUCTOR, Georgetown University	
Introduction to R	Spring 2018

Service

CONVENOR, Methods Workshop, UC Berkeley	Spring 2023
GRADUATE DIVERSITY REPRESENTATIVE, Omnibus Search Committee, UC Berkeley	Fall 2022
GRADUATE DIVERSITY REPRESENTATIVE, PhD Admissions Committee, UC Berkeley	Spring 2022

Awards and Fellowships

DATA SCIENCE FELLOWSHIP, D-Lab, UC Berkeley	2021
BAKER INNOVATION GRANT, Georgetown University	2018
Awarded a grant to design and implement a public policy intervention.	
MCCOURT SCHOLARSHIP, Georgetown University	2016
Awarded to top 5 applicants to the McCourt School of Public Policy.	
ACADEMIC SCHOLARSHIP, CHORAL SCHOLARSHIP, Worcester College, University of Oxford	2011

Work Experience

APPLE, Health AI, AI/ML. Machine Learning Research Scientist Intern.	Summer 2022
THE NATIONAL, Economics Correspondent.	2013 - 2016
THE GUARDIAN, Subeditor.	2011 - 2013
OFFICE OF THE DEPUTY PRIME MINISTER, Cabinet Office, HM Government. Intern.	2010

Languages

Python, R, SQL, Spark, Stata