

Eddie Yang

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Education

University of California, San Diego	2018-
Ph.D., Political Science	
University of Chicago, M.A.	2017
University of California, Los Angeles, B.A.	2016

Academic Affiliations

Georgetown University	2023-2024
Pre-Doctoral fellow, Mortara Center for International Studies	
Stanford University	2022-2023
Pre-Doctoral fellow, HAI/CDDRL	

Publications

1. [The Impact of U.S.-China Tensions on U.S. Science](#) (with Ruixue Jia, Margaret E. Roberts, Ye Wang). *Proceedings of the National Academy of Sciences*, Forthcoming.
2. [The Authoritarian Data Problem: How the Politics of Data Shapes AI](#) (with Margaret E. Roberts). *Journal of Democracy*, 2023 (Invited Contribution).
3. [Hierarchically Regularized Entropy Balancing](#) (with Yiqing Xu). *Political Analysis*, 2023.
4. [Censorship of Online Encyclopedias and its Political Effect on NLP Models](#) (with Margaret E. Roberts). *ACM FAccT*, 2021.
 - [Best Student Paper Award](#)

Working Paper

1. “The Limits of AI for Authoritarian Control”
2. “Automated Repression: Ethnic Discrimination in AI-assisted Criminal Sentencing”
3. “Filtering Technologies and the Fairness of Natural Language Systems” (with Hanna Wallach et al.)

Statistical Software

1. *powerLATE* (with Kirk Bansak): an R package for implementing generalized power analysis for the local average treatment effect (LATE). *CRAN*
2. *hbal* (with Yiqing Xu): an R package for implementing hierarchically regularized entropy balancing. *CRAN*
3. *ebal-py*: Python implementation of entropy balancing for binary and continuous treatment. *GitHub*

Work Experience

Research Intern, Microsoft Research, United States Summer 2022, Summer 2023
Data Science Intern, China Summer 2021

Honors & Awards

Research Grant, Institute for Humane Studies 2024
GPEP Predoctoral Fellowship, Georgetown University 2023-2024
IGCC Dissertation Fellowship, UCSD 2023-2024
HAI/CDDRL Predoctoral Fellowship, Stanford University 2022-2023
Yankelovich Center Graduate Research Award, UCSD 2022, 2023
Data Analytics PhD Fellowship, UCSD 2021
Marsha Chandler Fellowship, UCSD 2020
Sanford Lakoff Fellowship, UCSD 2020
Social Sciences Scholarship, University of Chicago 2017

Service

Manuscript Referee: *NeurIPS*, *PNAS Nexus*, *Political Analysis*
Mentor, Undergraduate Research Apprenticeship Program, UCSD 2021
Treasurer, Political Science Graduate Student Council, UCSD 2021
Organizer, Integrated Research Working Group, UCSD 2019-2020

Conferences & Talks

2024:

Workshop on Comparative Studies of Digital Repression, Hertie School
Conference on the Global Science in the Era of US-China Tensions, UCSD
Authoritarianism and AI, George Mason University
AI and Data-driven Algorithms in Government, Yale University
Aether working group meeting, Microsoft Research

2023:

Workshop on The Digital Reach of the Chinese State, Freie Universität Berlin
New Faces in Chinese Politics Conference, University of Pennsylvania
Aether working group meeting, Microsoft Research
China Research Workshop, UCSD
CDDRL Research Seminar, Stanford University
SCCEI Seminar, Stanford University