Yuehong Cassandra Tai

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ACADEMIC APPOINTMENTS

Postdoctoral Scholar Center for Social Data Analytics, Pennsylvania State University. 2022-Present

EDUCATION

Ph.D. Political Science, University of Iowa, U.S.A.   2017-2022
    Fields: Comparative Politics, Political Methodology, American Politics
    Dissertation Title: The Role of Trust in Governance: Public Health and Tax Compliance in Cross-National Comparative Perspective
    Committee: Frederick Solt (Chair), William Reisinger, Caroline Tolbert, Julie Pacheco, and Elizabeth Suhay (American University)
MSc International Political Economy, Nanyang Technological University, Singapore   2008
LL.B. Diplomacy, Renmin University of China, China   2007

RESEARCH INTERESTS

Comparative Politics
    Public Opinion, Democratization, Policy Diffusion, Political Communication, Chinese Politics.
Political Methodology
    Bayesian Statistics, Item Response Theory, Text Analysis, Machine Learning, Duration Models.

PUBLICATIONS

Public Opinion, Democratization, and Measurement

Tai, Yuehong Cassandra , Yue Hu, and Frederick Solt. Forthcoming. "Democracy, Public Support, and Measurement Uncertainty." *American Political Science Review.* FirstView. Preprint.

Policy Adoption/Diffusion in Public Health

Tai, Yuehong Cassandra, Jielu Yao and Elise Pizzi. Forthcoming. "Policy Adoption and Diffusion during the COVID-19 Crisis" *Journal of Asian Public Policy.*

Tai, Yuehong Cassandra. Forthcoming. "Determinants of Chinese Provinces' Responses to the 2018 Vaccine Scandal: Policy Orientation and Neighboring Effect" *Asian Survey.*

WORKS IN PROGRESS

Under Review

Yao, Jielu, **Yuehong Cassandra Tai**, and Elise Pizzi. "Policy Burden, Issue Salience, and COVID-19 Policy Adoption in China"

Hu, Yue, **Yuehong Cassandra Tai**, and Frederick Solt. "On Data 'Janitor Work' in Political Science"

Yu, Dong Erico and **Yuehong Cassandra Tai**. "Judge's Gender and Oral Language Skills: An Empirical Analysis of Chinese Courtroom Audio"

Working Paper

"Misinformation in State Legislators' Tweets" (with Bruce A.Desmaries)

"When Correcting Misinformation Does Not Work: Creating Norms for Public Health" (with Frederick J. Boehmke)

"Public Opinion on Climate Change and Environmental Policy Adoption Across Countries over Time" (with Xun Cao)

"Dynamic Trust and States' Failure in Public Health: Evidence from a Global Time Series Data" (Dissertation Chapter)

"Trust in Bureaucracy" (with Frederick Solt)

"Policy Imitation in China" (with Jielu Yao and Elise Pizzi)

"Judge's Gender and Oral Language Skills: An Empirical Analysis of Chinese Courtroom Audio" (with Dong Erico Yu)

CONFERENCE PRESENTATIONS

"Examining States' Public Health Failures by Measuring Trust Cross Countries and Over Time"
    C-SoDA Kickoff Poster Presentation   Sep 2022
"Dynamic Trust and States' Failure in Public Health: Evidence from a Global Time Series Data"
    Midwest Political Science Association Conference   Apr 2022
    Iowa Women Studying Politics (IWSP) Conference   Feb 2022
"Policy Burden, Issue Salience, and COVID-19 Policy Adoption in China" with Jielu Yao and Elise Pizzi
    APSA Chinese Politics Mini-Conference   Oct 2021
"Judge's Gender and Oral Language Skills: An Empirical Analysis of Chinese Courtroom Audio" with Dong Erico Yu
    Race, Gender, and the Judiciary Panel, APSA Conference (non-presenting co-author)   Oct 2021
"Democracy, Public Support, and Measurement Uncertainty" with Yue Hu and Frederick Solt
    Joint Quantitative Political Science Conference for Asia and Australasia   Jan 2021
"Policy Orientation and Diffusion in Responsive Governance: Responses to the Chinese 2018 Vaccine Scandal."
    Association of Chinese Political Studies Annual Meeting   Nov 2020
"Who is Influencing Public Opinion during a Public Health Crisis on Social Media in China?"
    Southern Political Science Association Conference   Jan 2020

TEACHING EXPERIENCE

Methods Courses
Independent Instructor, University of Iowa
    Hawkeye Poll (Undergraduate Level),   Spring 2022
        Guided students to design survey questions on both national and local politics, carry out telephone interviews, analyze and interpret data, and write release press and analytical papers. Results from March/April 2022 Hawkeye Poll.
Teaching Assistant, University of Michigan
    Bayesian Modeling for the Social Sciences II:Advanced Topics, ICPSR Program,   Summer 2021
        Graded students' assignments with detailed comments and offered one-on-one consultations on students' individual projects.
Guest Lecturer, University of Iowa
    Advanced Methods Seminar (Graduate Level),   Fall 2021
        Machine Learning
    Analyzing Political Data (Undergraduate Level),   Spring 2021
        P-Value & Multiple Regression
Invited Workshop, East China Normal University, Shanghai
    Introduction to Python (Graduate Level),   Dec 2020
        Web scraping, social media data wrangling and analysis
Comparative Politics and American Politics
Guest Lecturer, University of Iowa
    Public Opinion   Fall 2021
        Public Opinion and Democracy

National Security Policy	Spring 2020
Cyber Security	
Teaching Assistant, University of Iowa	
Introduction to Political Behavior	Fall 2019
Introduction to Comparative Politics	Fall 2018, Spring 2019
The Presidency	Fall 2017
Introduction to Comparative Politics (Online Course)	Summer 2018,2019

RESEARCH POSITIONS

Statistical Consultant, Venture Forward, GoDaddy Inc   Spring 2020 - Summer 2021
   Collaborated with Professor Caroline Tolbert (University of Iowa) and GoDaddy Inc (the world's largest registrar of domain names) to analyze how microbusinesses empower communities economically and provide tools for policymakers, using a dataset of 20+ million domain name websites in the U.S.

Project Member, Iowa Hawkeye Poll, University of Iowa   Fall 2019
   Aided in the creation and analysis of a survey designed to measure Iowan's political preferences in the 2020 U.S. presidential election.

Tweets on Immigration Project, University of Iowa   Summer 2019
   Worked with Professor Bryce Dietrich on analyzing how Trump's tweets changed the way Americans talk about immigration on Twitter.

Standardized World Income Inequality Database Project,University of Iowa,   Summer 2019
   Assisted Professor Frederick Solt with inequality data collection.

Comparative Political Trust Project, University of Iowa   Spring 2018
   Worked with Professor Wenfang Tang to combine global survey datasets and conducted analysis.

AWARDS & HONORS

Nominated for Global Student Award, University of Iowa	Fall 2021
Finalist for annual "Thesis Challenge," University of Iowa	Fall 2021
Graduate Post-Comp Research Fellowship ($10,500), University of Iowa	Fall 2021
Graduate College Summer Fellowship ($5,000), University of Iowa	Summer 2021
Department Research Grant ($1,000), University of Iowa	Spring 2020
GSS Travel Funds ($1,000), University of Iowa	Spring 2020
Department Research Grant ($300), University of Iowa	Spring 2019
Center for Asian and Pacific Studies Graduate Travel Grant ($500), University of Iowa	Fall 2019
Department Summer Training Grant ($2400), University of Iowa	Summer 2018

DISCIPLINARY AND CAMPUS SERVICE

Committee Member: Post-doctoral Scholar Committee. College of the Liberal Arts, Pennsylvania State University   2022

iPeer Mentor: iPeer Mentorship Program. International Student and Scholar Services, University of Iowa   2021

Discussant: Government Transparency in China. Midwest Political Science Association Annual Meeting   Apr 2021

Session Chair and Discussant:Time and Space. Political Science Methodology Conference for Asia and Australasia   Jan 2021

Co-Host: 2020 Iowa Caucus Conference. University of Iowa   Feb 2020

Session Chair: Understanding Polarization, COVID & Computation and Social Media & Politics. Politics and Computational Social Science and Political Networks   Aug 2020

Discussant: Chinese Politics. Southern Political Science Association Conference   Jan 2020

PROFESSIONAL AFFILIATIONS

Member of American Political Science Association
Member of Midwest Political Science Association
Member of Association of Chinese Political Science
Member of Southern Political Science Association
Member of The Society for Political Methodology

ADDITIONAL TRAINING AND SKILLS

Certificates

Certificate in Informatics, The University of Iowa, U.S.A.   2021
    Programming in Python, Java, and SQL.
ICPSR, University of Michigan, Ann Arbor, MI   2018
    Causal Inference for the Social Sciences & Multilevel Models II: Advanced Topics.

Skills

Analysis & Programming: R, Stata, Python, Stan, JAGS, SQL, Mplus, Java, LaTeX, Markdown, Git (GitHub).
Language: English, Chinese (Mandarin)

REFERENCES

Frederick Solt, **Ph.D**
frederick-solt@uiowa.edu; (319)335-2340
Associate Professor, University of Iowa

Bryce J. Dietrich, **Ph.D**
bjdietri@purdue.edu; (765)494-4161
Associate Professor, Purdue University

William M. Reisinger, **Ph.D**
william-reisinger@uiowa.edu; (319)335-2351
Professor, University of Iowa

Elizabeth Menninga, **Ph.D**
elizabeth-menninga@uiowa.edu;(319)335-3835
Associate Professor, University of Iowa

Caroline Tolbert, **Ph.D**
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Professor, University of Iowa