

Bang Quan Zheng

School of Government & Public Policy
Social Sciences 315
University of Arizona
Tucson, AZ 85721
bangquan[at]arizona.edu

RESEARCH & TEACHING INTERESTS

Political Science Public opinion & voting behavior of immigrants & minorities, political socialization, psychology of partisanship & ideology, personality & attitude measurement, Asian American politics
Methods Structural equation modeling, covariance structure analysis, causal mediation analysis, survey methodology, item response theory

ACADEMIC APPOINTMENTS

Postdoctoral Associate

- University of Arizona 2022-Present

Postdoctoral Associate in Quantitative Psychology

- Florida International University 2021-2022

Lecturer

- Department of Political Science, UCLA 2020-2021 Academic Year

EDUCATION

- Ph.D. in Political Science, UCLA
Advisor: John Zaller
- M.S. UCLA
Statistics
- M.A. University of Chicago

PUBLICATIONS

- **Zheng, B. Q.** & Matthew J. Valente (2023). "Evaluation of Goodness-of-fit Test in Random Intercept Cross-Lagged Panel Model: Implications for Small Samples." *Structural Equation Modeling: A Multidisciplinary Journal* Vol. 30 (4), pages 604-617
<https://doi.org/10.1080/10705511.2022.2149534>

- **Zheng, B. Q.** (2023). "Asian and Latino American Political Conceptualization: A Dual-Concept Model." *American Politics Research* Vol. 51 (2), pages 182-196.
<https://journals.sagepub.com/doi/10.1177/1532673X221132479>
- **Zheng, B. Q.** & Peter M. Bentler (2023). "RGLS and RLS in Covariance Structure Analysis." *Structural Equation Modeling: A Multidisciplinary Journal* Vol. 30 (2), pages 234-244
<https://doi.org/10.1080/10705511.2022.21>
- **Zheng, B. Q.** (2022). "Elite Polarization and Mass Policy Attitudes: A Study of the 2010 Senate Election." *Social Science Quarterly*, Vol. 103, Issue 5, September, pages 1202-1220.
<https://doi.org/10.1111/ssqu.13199>
- **Zheng, B. Q.** & Peter M. Bentler (2021). "Testing Mean and Covariance Structures with Reweighted Least Squares." *Structural Equation Modeling: A Multidisciplinary Journal* Vol. 29 (2), pages 259-266
<https://doi.org/10.1080/10705511.2021.1977649>
- **Zheng, B. Q.** (2019). "The Patterns of Asian Americans' Partisan Choice: Policy Preferences and Racial Consciousness," *Social Science Quarterly* Vol. 100, Issue 5, August 2019, Pages: 1479-1956. DOI: 10.1111/ssqu.12652
- Natalie Masuoka, H. Han, V. Leung, & **B. Q. Zheng** (2018). "Understanding the Asian American Vote in the 2016 Election," *Journal of Race, Ethnicity and Politics* Vol. 3, Mar. 2018, pages 189-215 doi.org/10.1017/rep.2017.34
- **Zheng, B. Q.** (2016). "The Rising China: Catalysts for Chinese Military Modernization," in Sujian Guo (eds.) *China's Peaceful Rise in the 21st Century: Domestic and International Conditions* (New York, NY: Routledge Press)

WORKING PAPERS

- "Group Differences in Opinion Instability and Measurement Errors: A G-Theory Analysis of College Students" (**Under Review**)
- "Improved LM Test for Robust Model Specification Searches in Covariance Structure Analysis" *w.* Peter M. Bentler (**Under Review**)
- "Policy Congruence, Political Knowledge and Partisanship among Asian Americans"
- "Political Knowledge and Its Effects on Political Behavior among Asian Americans"
- "Enhancing Model Fit Evaluation in SEM: Practical Tips for Optimizing Chi-Square Tests" (*w.* Peter M. Bentler)
- "Conceptualization of Model-based and Factor-based Latent Variables in Political Science" *w.* Peter M. Bentler

- “Estimation of mediation analysis in RI-CLPM”
- “Estimation of Goodness-of-Fit Tests for RI-CLPMs with Non-Normal Data”
- “A Generalized Item Response Tree Model and Patterns of Party Identification across Groups”

EXPERIENCES IN SURVEY METHODOLOGY

- **Co-PI** The 2023 Arizona Voter Survey (N=800) (To be administered by YouGov in Fall’ 23)
University of Arizona
- **Co-PI** The 2022 Arizona Post-Election Survey (N=1,000) (administered by YouGov)
University of Arizona
Independent Duties: Survey design, questionnaire construct, Data wrangling, and data analysis
- **PI** Asian American Political Socialization Survey (N=2,706)
- **PI** Asian American Political Socialization Survey (In-depth Interview) (N=221)

TEACHING EXPERIENCES

POLITICAL SCIENCE

Lecturer

- PS 186 Race & Ethnic Politics in U.S. Winter, Summer 2021
Department of Political Science, UCLA
- PS 141B Public Opinion & Voting Behavior Fall & Spring, 2021
Department of Political Science, UCLA
- Empirical Approaches Fall, 2020
Department of Political Science
Loyola Marymount University
- PS 6 Introduction to Data Analysis Summer, 2020
Department of Political Science
- PS 186 (upper division) Race and Ethnic Politics in the U.S. Summer, 2019
Department of Political Science
- PS 191F (upper div.) Immigrant Political Incorporation among Latino and Asian Americans Spring, 2019
Department of Political Science

Teaching Fellow, Associate & Assistant

- Political Science 40 Intro to American Politics, with Prof. Chris Tausanovitch Fall, 2016
Department of Political Science
- Political Science 40 Intro to American Politics, with Prof. Thomas Schwartz Spring, 2016
Department of Political Science
- Political Science 143C American Suburbanization, with Prof. Lorrie Frasure-Yokley Fall, 2016
Department of Political Science

- Political Science 154B South American Politics, with Prof. Barbara Geddes Spring, 2015, Winter, 2016
Department of Political Science

METHODOLOGY

Teaching Fellow & Associate

- STAT 242 (grad) Multivariate Analysis with Latent Variables, with Peter Bentler Ph.D. Fall, 2020
Department of Statistics
- STAT 242 (grad) Multivariate Analysis with Latent Variables, with Peter Bentler Ph.D. Fall, 2019
Department of Statistics
- STAT M154 (upper div.) Measurement and Its Applications, with Peter Bentler Ph.D. Fall, 2019
Department of Statistics
- STAT 101A (upper div.) Regression Analysis, with Mahtash Esfandiari Ph.D. Summer, 2019
Department of Statistics
- STAT 10 Intro to Statistical Reasoning, with Maria Cha Ph.D. Winter, 2019
Department of Statistics
- STAT M154 (upper div.) Measurement and Its Applications, with Peter Bentler Ph.D. Fall, 2018
Department of Statistics
- STAT 13 Statistical Methods for Life and Health Sciences, with Vivian Lew Ph.D. Summer, 2018
Department of Statistics
- STAT 10 Intro to Statistical Reasoning, with Maria Cha Ph.D. Fall, 2017 & Winter, & Spring 2018
Department of Statistics
- STAT 10 Intro to Statistical Reasoning, with Michael Tsiang Ph.D. Summer, 2017
Department of Statistics
- STAT 10 Intro to Statistical Reasoning, with Miles Chen Ph.D. Winter & Spring, 2017
Department of Statistics

CONFERENCE PRESENTATIONS & SERVICES

- **Discussant** Session: Information and Political Knowledge
2023 APSA in Los Angeles, CA Sept. 2023
- **Chair** Session: Emotional Influences on Political Choices
2023 APSA in Los Angeles, CA Sept. 2023
- **Chair** Session: External Influences on Candidate Evaluations
2023 APSA in Los Angeles, CA Sept. 2023
- “Exploring Complex Dynamics: Random Intercept Cross-Lagged Panel Model and Mediation Anlysis”
2023 Society for Political Methodology, Stanford, CA July, 2023
- “Improved LM Test for Model Specification Searches in Covariance Strucure Analysis”
2023 MapleMeth in London, ON, Canada June, 2023

- “Item-Specificity and Survey response reliability between different groups: Evidence from College Students”
2023 MPSA in Chicago April, 2023
- “Causal Mediation Analysis in RI-CLPM”
2023 MPSA in Chicago April, 2023
- **Discussant** Session: How the Past Shapes Our Future: Memories and Intergenerational Socialization
2022 APSA in Montreal Canada Sept. 2022
- **Discussant** Session: The Effects of Local Context on Public Opinion
2022 APSA in Montreal Canada Sept. 2022
- **Chair** Session: Methodological Advances in the Politics of Immigration and Refugees
2022 Montreal APSA in Canada Sept. 2022
- “Causal mediation analysis in random intercept cross-lagged panel Models”
2022 MPSA in Chicago April 2022
- “Policy congruence, political knowledge and partisanship among Asian Americans”
2022 MPSA in Chicago April 2022
- “Group differences in college political socialization and measurement Errors”
2022 MPSA in Chicago April 2022
- “Policy congruence, political knowledge and partisanship among Asian Americans”
2022 WPSA in Portland April 2022
- **Chair** Session: Methods to Study Diversity
2021 APSA Oct. 2021
- **Chair** Session: COVID-19 and Voting Behavior
2021 APSA Oct. 2021
- **Discussant** Session: Asian American Politics in contemporary US society
2021 APSA Oct. 2021
- “Asian and Latino American Political Conceptualization: A Dual-Concept Model”
2021 APSA Oct. 2021
- “Asian and Latino American Political Conceptualization: A Dual-Concept Model”
2021 PRIEC (UCSB) [Virtual] May 7, 2021
- “Asian and Latino American Political Conceptualization: A Dual-Concept Model”
2021 MPSA [Virtual] April 17, 2021
- “Policy Congruence, Political Knowledge and Partisanship among Asian Americans”
2020 MPSA in Chicago Cancelled
- “Estimating Covariance and Mean Structures with Reweighted Least Squares”
2019 APSA in Washington DC August 31, 2019
- “Measuring Social Attitude Stability with Generalizability Theory”
2019 APSA in Washington DC August 31, 2019
- “Elite Polarization and Mass Policy Polarization:A Study of the 2010 Senate Election.”
2019 WPSA in San Diego, CA April 20, 2019
- “Estimating Covariance and Mean Structures with Reweighted Least Squares”
2019 MPSA in Chicago, IL April 5, 2019
- “Measuring Social Attitude Stability with Generalizability Theory”
UCSD PRIEC Conference, San Diego, CA Aug. 7, 2018
- “Demographic Trends and Asian Americans’ Partisanship:
Aggregate Evidence from 1984 to 2008”
MSU PRIEC Conference, East Lansing, MI April 20, 2018

- “The Patterns of Asian American Partisan Choice: Policy Preferences and Racial Consciousness”
2018 MPSA in Chicago, IL April, 7, 2018
- “Understanding the Asian American Vote in the 2016 Election” (with Vivien Leung)
SoCal Political Behavior Conference At University of Southern California Oct. 20, 2017
- “Demographic Trend, Experiential Learning and Partisanship: Why Asian Americans are Poised to Identify as Democrats.”
Political Psychology Workshop, UCLA Oct. 21, 2016
- “Elite Polarization and Mass Policy Polarization: A Study of the 2010 Senate Election.”
Political Psychology Workshop, UCLA April 29, 2016
- “Public Opinion on Obamacare: Elite Driven or Autonomous Mass Opinion?”
Political Psychology Workshop, UCLA Oct. 2, 2015
- “The Patterns of Asian Americans’ Partisan Choice: Socioeconomic status, Policy Preferences and Race Relations.”
Political Psychology Workshop, UCLA November 14, 2014

INVITED TALKS

- “Item-Specificity and measurement errors in attitude instability: A generalizability theory approach to longitudinal analysis”
SGPP Speaker Series
University of Arizona. November 16, 2022

STATISTICAL PROGRAMS

R, STATA, Python, SPSS, EQS, Qualtrics, *Mplus*, SAS, Matlab, L^AT_EX, Tableau

PROFESSIONAL SERVICES

Reviewer:

Political Science

American Political Science Review

Sociological Inquiry

Perspectives on Politics

Political Psychology

Political Research Quarterly

Psychometrics

Structural Equation Modeling: A Multidisciplinary Journal

Psychological Methods

Psychology

Frontiers in Psychology (specialty Section: Personality and Social Psychology)

AWARDS AND FELLOWSHIPS

- Political Psychology Fellowship (\$500), 2020 (Winter)
Department of Psychology, UCLA
- University Fellowship (\$28,905), 2020
Graduate Division, UCLA
- APSA Travel Grant (\$200), 2019
- Political Psychology Fellowship (\$500) 2019 (Summer)
Department of Psychology, UCLA
- Political Psychology Fellowship (\$500) 2019 (Winter)
Department of Psychology, UCLA
- Travel Grant (\$500), 2019
Department of Political Science, UCLA
- Travel Grant (\$300), 2018
Politics of Race, Immigration, and Ethnicity Consortium
- Travel Grant (\$1,000), 2018
Graduate Division, UCLA
- Political Psychology Fellowship (\$1,000) 2017
Department of Psychology, UCLA
- IHS Ph.D. Scholarship (\$1,500), 2017-2018
- University Fellowship, Spring/Summer 2017 (\$800)
Graduate Division, UCLA
- University Fellowship (\$6,000), Summer 2016
Graduate Division, UCLA
- Graduate Summer Research Mentorship Program (GSRM) (\$6,000), 2015
Graduate Division, UCLA
- Graduate Summer Research Mentorship Program (GSRM) (\$6,000), 2014
Graduate Division, UCLA
- University Fellowship, Department of Political Science, 2013-2014, UCLA

REFERENCES

References are available upon request