

TAEYONG PARK

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Academic Employment

Carnegie Mellon University in Qatar

- Visiting Assistant Teaching Professor of Statistics, August 2017 - present
- Associate Director, Statistical Consulting Center, January 2019 - present
- Chair, Data and Research Group, Office for Diversity and Climate, August 2020 - present

Education

Ph.D. Political Science, Washington University in St. Louis, USA, 2017

- Fields: Quantitative Methods and American Politics

M.A. Economics, Claremont Graduate University, USA, 2011

M.A. Political Science, Yonsei University, Seoul, Korea, 2008

B.A. Political Science, Yonsei University, Seoul, Korea, 2006

Teaching

Carnegie Mellon University in Qatar

- *Methods for Statistical Data Science* (Fall 2017; Fall 2018; Fall 2019; Fall 2020)
- *Probability and Statistics for Business Applications* (Fall 2017; Fall 2018; Fall 2019; Fall 2020)
- *Fundamentals of Statistical Modeling* (Spring 2018)
- *Regression Analysis* (Spring 2019; Spring 2020)
- *Statistical Reasoning and Practice* (Spring 2018; Spring 2019)
- *Reasoning with Data* (Spring 2020)

Peer-Reviewed Publications

- **Taeyong Park** and Andrew Reeves, "[Local Unemployment and Voting for President: Uncovering Causal Mechanisms.](#)" 2020. *Political Behavior* 42(2):443-463. [Replication Files](#)
- Yeonho Lee and **Taeyong Park**, "[Civil Participation in the Making of a New Regulatory State in Korea: 1998-2008.](#)" 2009. *Korea Observer*. 40(3).
- Yeonho Lee, Yoojin Lim, and **Taeyong Park**, "Domestic Political Factors of the Rise of Governance." 2007. *21st Century Political Science Review*. 17(3). (in Korean) – Best Paper Award by Korea Research Foundation.

Working Papers

- **Taeyong Park**, Haewoon Kwak, and Jisun An, "Building Longitudinal Google Trends to Measure Local-level Issue Attention." (Manuscript Available upon Request)
- **Taeyong Park**, Haewoon Kwak, and Jisun An, "Fear, Information Search, and the Vote: How Mass Shootings Mobilize Republican Voters." (Manuscript Available upon Request)
- Patrick D. Tucker and **Taeyong Park**, "[Electoral Context and Presentation of Self.](#)" (Under Review)
- **Taeyong Park** "General-to-Specific Time Series Modeling Robust to Overfitting." (Manuscript Available upon Request)
- **Taeyong Park** "Estimation and Statistical Tests for Difference-in-Differences Models with Binary Response Data." (Manuscript Available upon Request)

Works in Progress

- "Bayesian Adaptive Lasso Estimation of Long-term Effects in Time Series Analysis."
- "Estimating Multivariate Probit Models for Binary Time Series: A Bayesian Machine Learning Approach."

Software

- David Carlson, Michelle Torres, and **Taeyong Park**, "[weightTAPSPACK: Weight TAPS Data.](#)" – A published R package designed to compute survey weights for The American Panel Study (TAPS).

University Service

Carnegie Mellon University in Qatar

- Associate Director, Statistical Consulting Center, Jan 2019 - present
- Member, The Inclusions, Diversity, and Equity Committee, Oct 2019 - present
- Chair, Data and Research Group at the Office for Diversity and Climate, Aug 2020 - present
- Member, Academic Review Board and University Disciplinary Committees, Sep 2020 - present
- Member, Crecine Distinguished Lecture Proposal Committee, Feb 2020 - present
- Advisor to the Korean Club (Student Organization), Aug 2020 - present
- Member, The Dedication to Students Academic Excellence Award Committee, 2018; 2019

Grants, Scholarships, Awards

- Seed Project Research Fund (\$50,000), Qatar Foundation, 2018 - 2021
Longitudinal Analysis of Media Coverage and Public Attention: Data Mining and Applications
- Dissertation Fellowship, Washington University in St. Louis, 2016-2017

- Washington University Nominee for the Eisenhower/Roberts Graduate Fellowship, 2016
- NSF Travel Grant for Annual Conference of the Society for Political Methodology, 2014
- University Fellowship, Washington University in St. Louis, 2011-2012
- CGU Research Grant (\$8,500), Claremont Graduate University, 2011

Professional Service

Reviewer for *Political Analysis*, *Political Behavior*

Conference Participations

- *Qatar Faculty Forum*, 2020
- *American Political Science Association*, 2015; 2016; 2019
- *American Association for Public Opinion Research*, 2019
- *Annual Meeting of the Society for Political Methodology*, 2014; 2016; 2018
- *Midwest Political Science Association*, 2014; 2019
- *Southern Political Science Association*, 2014
- *International Political Science Association*, 2018
- *NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics (SBIES)*, 2017

Computer Skills

- R, Python, JAGS, Stata, L^AT_EX