

# TAEYONG PARK

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Carnegie Mellon University in Qatar, Education City, PO Box 24866, Doha, Qatar  
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## Academic Appointments

Visiting Assistant Teaching Professor of Statistics, Carnegie Mellon University in Qatar, August 2017 - Present

Co-Director, Statistical Consulting Center, Carnegie Mellon University in Qatar, August 2018 - Present

## Education

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

- Committee: Jeff Gill (Co-Chair), Betsy Sinclair (Co-Chair), Jacob Montgomery, Andrew Reeves, Steven Smith

M.A. Economics, Claremont Graduate University, 2011

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

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

## Research Interests

- Quantitative Methods: Bayesian Statistics, Time Series Analysis, Causal Inference, Machine Learning
- American Politics: Political Behavior, Voting and Elections, Public Opinion

## Peer-Reviewed Publications

- **Taeyong Park** and Andrew Reeves, "[Local Unemployment and Voting for President: Uncovering Causal Mechanisms.](#)" 2018. *Political Behavior*. [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.

## Articles Under Review

- **Taeyong Park**, "[Taking Model Uncertainty Seriously: Modeling Autoregressive Distributed Lags via the Bayesian Adaptive Lasso.](#)"
- Patrick D. Tucker and **Taeyong Park**, "[Electoral Context and Presentation of Self.](#)"

## Software Publications

- 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).

## Working Papers

- "Macroeconomic Conditions and Presidential Approval."
- "Estimation and Statistical Tests for Difference-in-Differences Models with Binary Response Data."
- "Self-Interested Voters and Other-Regarding Voting." (with Min Hee Seo)

## Works in Progress

- "Bayesian Adaptive Lasso Estimation of Long-term Effects in Time Series Analysis."
- "Bayesian Adaptive Lasso for Non-Nested Multilevel Data." (with Jeff Gill)
- "Natural Disasters, Governmental Responses, and Voter Turnout." (with Andrew Reeves and Min Hee Seo)
- R package "bayesLASSOS: Implement Bayesian Lassos." (with Jeff Gill and Minjung Kyung)

## Teaching

### *Carnegie Mellon University in Qatar*

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

### *Instructor, Washington University in St. Louis*

- Introduction to Quantitative Methods, Spring 2017

## Grants, Scholarships, Awards

- Seed Project Research Fund (\$50,000), Qatar Foundation, 2018 - 2021
- 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

## University Service

### *Carnegie Mellon University in Qatar*

- Member, Dedication to Students Academic Excellence Award Committee, Mar 2018
- Co-director, Statistical Consulting Center, Aug 2018 - present

## Professional Service

### *Reviewer*

- Political Analysis

### *Membership*

- American Political Science Association
- American Political Science Association Political Methodology Section
- Society of Political Methodology
- Midwest Political Science Association
- International Political Science Association

## Conference Participations

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

## Computer Skills

- R, Python, JAGS, Stata, L<sup>A</sup>T<sub>E</sub>X

## References

### **Jeff Gill**

Distinguished Professor of Government  
Professor of Mathematics & Statistics  
Director of the Center for Data Science  
American University  
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### **Betsy Sinclair**

Professor of Political Science  
Washington University in St. Louis  
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### **Andrew Reeves**

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