

Taeyong Park

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

✉ taeyongp@andrew.cmu.edu
🌐 [Google scholar](#)
🌐 [Homepage](#)

ACADEMIC EMPLOYMENT

Carnegie Mellon University in Qatar

- Assistant Teaching Professor of Statistics and Data Science, August 2021 - present.
- Visiting Assistant Teaching Professor of Statistics, August 2017 - July 2021.

EDUCATION

Ph.D. Political Science (Quantitative Methods), Washington University in St. Louis, USA, 2017

- Advisor: Jeff Gill (currently at American University, Depts. of Government and Mathematics & Statistics) and Betsy Sinclair (Washington University, Dept. of Political Science)

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, ADVISING, and CURRICULUM DEVELOPMENT

Recent Courses

- FL 2023: [36-315](#) and [70-208](#)
- SP 2024: [36-200](#) and [70-207](#)
- FL 2024: [36-202](#), [70-207](#), and [70-208](#)
- SP 2025: [36-315](#) and [70-208](#)
- FL 2025: [36-200 W](#), [36-200 X](#), and [70-207](#)
- SP 2026: [36-202](#) and [70-208](#)

Research with Students (*student name)

- Journal publications

- Jennifer Bruder, Lauren Burakowski, Taeyong Park, Reem Al-Haddad*, Sara Al-Hemaidi*, Amal Al-Korbi*, and Almayasa Al-Naimi*, "Cross-cultural Awareness of and Attitudes toward Threatened Animal Species." 2022. *Frontiers in Psychology* Volume 13. Article 898503. [Winner of the 2022 QNRF UREP Research Competition: Link.](#)
- Software publications
 - Taeyong Park and Malika Dixit*, *PytrendLongitudinalR*, an R Package for generating longitudinal Google Trends data. September 2024. [Link](#)
 - Mohamed Sakir* and Taeyong Park, *pytrend-longitudinal*, a Python Package for generating longitudinal Google Trends data. July 2023. [Link](#)
- Research in progress
 - Valeria Freundt, Taeyong Park, and Sara Al-Emadi*, "Nation Branding through Mega-Events: Evidence from Qatar's 2022 FIFA World Cup." (Under review)
 - Jennifer Bruder, Taeyong Park, Rafay Khan*, and Masooma Zehra*, "Political Ideology and Pro-Environmental Behavior in a Non-Partisan Political System: Evidence from Qatar." (Manuscript in preparation for submission).

Recent Research Mentorship

- 2025-26 UREP (Undergraduate Research Experience Program, \$24,654 Awarded)
 - Primary Research Mentor (with RM Jennifer Bruder) for Aljori Abdulla, Habiba Almosalam, Hissa Althani, Alina Barmagambetova, and Firdavs Fayzillaev, "The role of perceived fairness in shaping conservation attitudes: An experimental approach."
 - Covered by the Qatar Tribune: [Link](#)
- 2026 QSIURP (Qatar Student Initiated Undergraduate Research Program)
 - Co-advisor with Serkan Akguc for Polina Artemieva, "CEO Power and Equity Risk: How Perquisite Intensity Moderates the Impact of Pay Disparity on the Cost of Equity."
- 2025 Winter USPROC (The Undergraduate Statistics Project Competition; [Link](#))
 - Advisor for Fatou Gueye, "Social Media Adoption and the Spread of Informal Economy."
- 2026 SURA (Summer Undergraduate Research Apprenticeship)
 - Advisor for Fatima Abdulla, "What Drives Government AI Readiness?"
- 2026 SURA
 - Advisor for Lamyae El Bouchikhi, "Collatz Growth Ratio Study."
- 2025 SURA
 - Advisor for Polina Artemieva, "Parental Income and Access to Higher Education: Patterns in U.S. College Application and Attendance."
- 2026 Meeting of the Minds
 - Advisor for Polina Artemieva, "Parental income shapes access to higher education more than merit, varying across college tiers." [2nd Place Best Poster Design Award.](#)
- 2025 Meeting of the Minds
 - Advisor for Hiba Hamad, "The Impact of the World Cup on Qatar's Real Estate Market: Does the Impact Vary by Municipality and Property Type?"

- 2024 Meeting of the Minds
 - Advisor for Malika Dikshit and Noora Al-Saadi, "Exploring Gender Bias in Academic Job Descriptions: What Influences Masculine Gender Bias in Job Ads?" *Best Poster Award*.

Curriculum Development: Minor in Data Science in Society

- Working with Rebecca Nugent, Peter Freeman, and Houda Bouamor to propose the CMU-Q Minor in Data Science in Society.

UNIVERSITY SERVICE

Co-Founder and Director, Statistical Consulting Center, Jan 2019 - present: [Link](#)

- Recent Consulting Service
 - Clients include CMUQ, CMU Pittsburgh, UPenn Medicine, HBKU, HEC Paris in Qatar, Qatar Foundation, Podar Pearl School, and Hamad Medical Research Center.
- Recent Workshop Series
 - "Introduction to Statistics for Biological Sciences." November 2025.
 - "Introduction to Statistics for Biological Sciences." November 2024.
 - "Data Visualization and Statistical Analysis with SPSS." April 2024.
 - "Data Visualization with Tableau." February 2024.
 - "What Statistical Analysis Should I Use?" November 2023.
- Recent Invited Talks
 - "Hypothesis Testing." Presented to high school teachers at the *PiDay Math Competition*, February 2025.
 - "Introduction to CMU-Q Statistical Consulting Center." *Narratives in Numbers: Unveiling Data Insights for Student Success at CMU-Q*, November 2023.
 - "Statistical Analysis in Data Science." *67-364 Practical Data Science* at CMU-Q, October 2023.

Chair, Data and Research Group at the Office for Community Excellence, Aug 2020 - present

- Project 1: *CMU-Q Staff Members' Participation in Professional Development*.
 - Status: Completed; Reported to the CMU-Q Dean.
- Project 2: *Determinants of CMU-Q Faculty Course Evaluations (FCE)*.
 - Status: v1 (2023) and v2 (2025) Completed; Reported to the CMU-Q Dean.
- Project 3: *Grade Study*.
 - Status: v1 (2023) and v2 (2025) Completed; Reported to the CMU-Q Dean.

Outreach to High School Students through Qatar Foundation Math Circle: [Link](#)

- "R Programming for Probability and Statistics (Part 1 and 2)" on February 16 and 23, 2026.
- "Mathematical Foundations of Linear Regression" on April 21, 2025.

- "Probability and Probability Distributions (Part 1 and 2)" on February 12 and 19, 2024.

Hiring Committees

- Committee Member, Teaching Faculty of Philosophy, Fall 2024 - Spring 2025.
- Committee Member, Math/Statistics Teaching Assistant, Fall 2024.
- Committee Member, DEIB Postdoc, Summer 2024.

Faculty Review Committees

- Committee Member for a Faculty Reappointment Review, Spring 2026.

Contributions to Faculty Searches

- Business Administration Search for Business Analytics, Spring 2026.
- Information Systems Search for Data Science, Fall 2024 and Spring 2025.
- Information Systems Search for Business Intelligence and Analytics, Spring 2024.

Other Committee Activities

- The Academic Review Board Committee, Sep 2020 - present.

RESEARCH

Peer-Reviewed Publications

- Jennifer Bruder and **Taeyong Park**, "Perceptions of Fair Animal Treatment Influence Attitudes Toward Conservation Endorsement." 2025. *Human Ecology*. [Link](#). [Replication Files](#).
- Soomi Lee and **Taeyong Park**, "Monitoring Public Interest and Sentiment on Basic Income: Using Google and Twitter Data in the U.S." 2024. *Basic Income Studies*. [Link](#)
- Jennifer Bruder, Lauren Burakowski, **Taeyong Park**, Reem Al-Haddad, Sara Al-Hemaidi, Amal Al-Korbi, and Almayasa Al-Naimi, "Cross-cultural Awareness of and Attitudes toward Threatened Animal Species." 2022. *Frontiers in Psychology* Volume 13. Article 898503. [Link](#). [Replication Files](#). – Winner of the 2022 QNRF UREP Research Competition.
- **Taeyong Park** and Andrew Reeves, "Local Unemployment and Voting for President: Uncovering Causal Mechanisms." 2020. *Political Behavior* 42(2):443-463. [Link](#). [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.

Software Publications

- **Taeyong Park** and Malika Dixit, *PytrendsLongitudinalR*, an R Package for generating longitudinal Google Trends data. 2024. [Link](#)
- Mohamed Sakir and **Taeyong Park**, *pytrends-longitudinal*, a Python Package for generating longitudinal Google Trends data. 2023. [Link](#)

- David Carlson, Michelle Torres, and **Taeyong Park**, *weightTAPSPACK*, an R package designed to compute survey weights for The American Panel Study (TAPS). 2015. [Link](#)

Under Review

- Valeria Freundt, **Taeyong Park**, and Sara Al-Emadi*, "Nation Branding through Mega-Events: Evidence from Qatar's 2022 FIFA World Cup."

Working Papers

- Jennifer Bruder, **Taeyong Park**, Rafay Khan, and Masooma Zehra, "Political Ideology and Pro-Environmental Behavior in a Non-Partisan Political System: Evidence from Qatar."
- **Taeyong Park**, Jekyung Lee, and Soomi Lee "Public Salience and Stimulus Checks during the COVID-19 Pandemic."

Research in Progress

- **Taeyong Park**, "Longitudinal Google Trends: Data Creation and Applications."
- **Taeyong Park**, "General-to-Specific Time Series Modeling Robust to Overfitting."
- **Taeyong Park**, "Estimation and Statistical Tests for Difference-in-Differences Models with Binary Response Data."

GRANTS AND AWARDS

- 2025-26 UREP (\$24,654), Qatar Research Development and Innovation Council
The role of perceived fairness in shaping conservation attitudes: An experimental approach.
- Seed Project Research Fund, Qatar Foundation
Longitudinal Analysis of Media Coverage and Public Attention: Data Mining and Applications
- 2nd Place Best Poster Design Award at the 2026 Meeting of the Minds
Advisor for Polina Artemieva, "Parental income shapes access to higher education more than merit, varying across college tiers."
- Best Poster Award at the 2024 Meeting of the Minds
Advisor for Malika Dikshit and Noora Al-Saadi, "Exploring Gender Bias in Academic Job Descriptions: What Influences Masculine Gender Bias in Job Ads?"
- Planning and Statistics Authority Poster Award at the 2023 Meeting of the Minds
Advisor for Sara Al-Emadi, "How hosting the FIFA World Cup affected the way people see Qatar?: Evidence from Twitter Sentiment Analysis."
- 1st Most Promising Research Award at the 2023 Meeting of the Minds
Co-advisor with Jennifer Bruder for Uzair Ahmed and Rafay Khan, "Assessing Climate Change Awareness in Qatar."

PROFESSIONAL SERVICE

Organizing Conference Panels

- Invited Paper Session at the Joint Statistical Meeting *Advancing Statistics Education through AI: Research-Based Insights and Pedagogical Innovation*, August 2026.

Editorship

- Associate Editor *Journal of the Korean Data Analysis Society*, January 2025 -.

Recent Professional Review Activities

- *Japanes Journal of Political Science*, October 2025; January 2026.
- *Journal of Politics*, January 2024.
- *USPROC (Undergraduate Statistics Project Competition)*, March 2025; December 2025.
- *ASA K-12 Data Visualization Poster Competition*, May 2025.

CONFERENCE PARTICIPATIONS (Recent)

- *Joint Statistical Meetings*, August 2026.
- *International Society of Political Psychology* , July 2026.
- *U.S. Conference on Teaching Statistics*, July 2025.
- *Electronic Conference on Teaching Statistics*, June 2024.
- *Summer Meeting of the Japanese Society for Quantitative Political Science*, July 2025; July 2026.
- *CMUQ Faculty Research Series*, November 2024.
- *MENA and Asian Political Methodology*, January 2024.