Barum Park

ASSISTANT PROFESSOR
CORNELL UNIVERSITY

384 Uris Hall
Cornell University
Ithaca, NY 14853

e-mail: b.park@cornell.edu
website: barumpark.com

ACADEMIC POSITIONS

2021 -	Co-director, Networks in Context Lab
2020 -	Assistant Professor of Sociology, Cornell University

Affiliations:	Center for the Study of Economy & Society
	Center for the Study of Inequality
	Cornell Population Center
	Cornell Center for the Social Sciences
	Roper Center
Graduate Fields:	Sociology

EDUCATION

2020	Ph.D., Sociology, New York University
2019	M.Phil, Sociology, New York University
2012	Master of Sociology, Sungkyunkwan Univ.
2010	B.A., German Literature and Sociology, Sungkyunkwan Univ.

PUBLICATIONS

Peer-Reviewed Articles
(*: Student Co-author)

forth	Barum Park. "Equivalence and Clustering in Worker Flows: Stochastic Blockmodels for the Analysis of Mobility Tables" *Sociological Methodology*
2025	Cristobal Young, Barum Park, Benjamin Cornwell, and Nan Feng*. "Inequality and Social Ties: Evidence from 15 U.S. Datasets" *Sociological Science* 12: 294-321
2022	Meagan Sundstrom*, Ashley B. Heim*, Barum Park, and N. G. Holmes, "Introductory physics students' recognition of strong peers: Gender and racial/ethnic bias differ by course level and context," *Physical Review Physics Education Research* 18: 020148
2021	Barum Park. "Segregated in Social Space: The Spatial Structure of Acquaintanceship Networks" *Sociological Science* 8: 397-428.
2021	Kim Weeden, Benjamin Cornwell, and Barum Park. "Still a Small World? University Course Enrollment Networks Before and During the COVID-19 Pandemic" *Sociological Science* 8: 73-82.
2020	Siwei Cheng and Barum Park (*equal authorship*). "Flows and Boundaries: A Network Approach for Understanding Mobility in the Labor Market" *American Journal of Sociology* 126(3): 577–631.

2020   Delia Baldassarri and Barum Park (*equal authorship*). "Was There a Culture War? Polarization and Secular Trends in US Public Opinion" *The Journal of Politics* 82(3): 809-827.

2018   Barum Park. "How are We Apart? Continuity and Change in the Structure of Ideological Disagreement in the American Public, 1980-2012", *Social Forces* 96(4): 1757-1784.

- *Dennis Wrong Graduate Student Prize* for the best graduate student paper written or published in 2018, Department of Sociology, NYU

WORKING PAPERS & WORK IN PROGRESS

Working Papers
(*: Student Co-author)

Byungkyu Lee and Barum Park "The Contextual Activation of Belief Networks" *invited to revise and resubmit to American Journal of Sociology*

Barum Park and Delia Baldassarri. "Social Bases of Partisanship: Cleavages, Alignment, and Intersections" full draft available upon request

Barum Park. "Network Approaches to the Analysis of Worker Flows" full draft available upon request

Books in Progress

Benjamin Cornwell, Cristobal Young, Barum Park, and Nan Feng*. *Friends and Fortunes: Social Capital Inequality in America*, under contract with Cambridge University Press

OTHER PUBLICATIONS

Peer-reviewed Publications in Korean

2011   Barum Park, Seokho Kim, Byungsoo Kim. "The Effects of Triads and Social Isolation on Law-Abiding Spirit and Bribery," *Korean Journal of Sociology*, 45(2), pp. 176- 202

Book Chapters in Korean

2013   Kim, Seokho, Barum Park, and Hunjoo Ha, "Network Characteristics, Decision Timing, and Voter Turnout," in Chanwook Park and Kang Won-Taek (eds.), *Analyzing the 2012 Presidential Election*, Seoul: Nanam Press, pp. 375-440.

2012   Kim, Seokho, Barum Park, "Effects of Political Mobilization on Voter Turnout and Vote Choice in the 2012 National Assembly Election," in Chanwook Park (ed.), *Analyzing the 2012 National Assembly Election in South Korea*, Seoul: Nanam Press, pp. 91-127.

GRANTS, AWARDS, AND FELLOWSHIPS

2024   "Inequality in Social Capital: Comparing the U.S. and Europe" (Co-PI with Cristobal Young and Benjamin Cornwell), IES Research Pod, Institute for European Studies, Cornell University ($3,000)

2021-22	CCSS Faculty Fellowship, Center for Social Sciences, Cornell University
2021	"Collaborative Research: How online foci shape conversation" (Co-PI, with Byungkyu Lee and Mark Hoffman) National Science Foundation ($352,729)
2021	"Inequality and the Distribution of Social Capital," (Co-PI, with Cristobal Young and Benjamin Cornwell), Faculty Research Grant, Center for the Study of Inequality, Cornell University ($66,000)
2020	"Political polarization, political deliberation, and hate speech on Facebook," (Co-PI,with Byungkyu Lee and Mark Hoffman) Office of the Vice Provost for Research, Indiana University Social Sciences Research Funding Program ($25,000)
2019	Dennis Wrong Graduate Student Prize for the best graduate student paper written or published in 2018, Department of Sociology, New York University
2019-20	DeKarman Fellowship, Josephine de Karman Fellowship Trust ($25,000)
2018	Outstanding Graduate Teaching Award, Department of Sociology, New York University
2018-19	GSAS Dean's Dissertation Fellowship, Graduate School of Arts and Science, New York University ($ 27,526)
2017	"A Novel Network Approach for Studying Occupational Mobility" University Research Challenge Fund (URCF), New York University, ($12,000, Co-investigator, PI: Siwei Cheng)
2013-18	Henry MacCracken Fellowship for Graduate Study, Summer Research Grants, Travel Grants, New York University

INVITED PRESENTATIONS

"Social Bases of Partisanship: Cleavages, Alignment, and Intersections"
    2024   BK21 Symposium, Yonsei University

"New Approaches to Analyzing Occupational Mobility Data"
    2021   Seoul National University, Institute of Social Science

"Political Polarization and Segregation of Acquaintanceship Ties in the US"
    2021   Korea University, Department of Sociology

"Rethinking Polarization"
    2019   Cornell University, Department of Sociology
    2019   Stanford University, Department of Sociology

"Flows and Boundaries: A Network Approach to Intragenerational Occupational Mobility"
    2018   Summer Institute in Computational Social Science at New York University

SELECTED CONFERENCE PRESENTATIONS

Barum Park and Delia Baldassarri "Social Bases of Partisanship: Cleavages, Alignment, and Intersections"
  - American Sociological Association Annual Meeting, Chicago, Aug 2025 (scheduled)
  - Sociological Science Conference, Durham, North Carolina, May 2024

Barum Park "Towards Internal Homogeneity: Stochastic Blockmodels for the Analysis of Mobility Tables"

- American Sociological Association Annual Meeting, Los Angeles, Aug 2022

Siwei Cheng and Barum Park "Flows and Boundaries: A Network Framework for Understanding Occupational Mobility in the Labor Market"
- American Sociological Association Annual Meeting, New York, 2019
- Research Committee on Social Stratification and Mobility (RC28), 2018

Barum Park "Segregated in Social Space: Homophily and the Spatial Structure of Acquaintanceship Networks"
- American Sociological Association Annual Meeting, Philadelphia, 2018

Delia Baldassarri and Barum Park "Was there a Culture War? Polarization and Secular Trends in US Public Opinion"
- American Sociological Association Annual Meeting, Seattle, 2016

Teaching, Mentoring, and Service

Cornell University

Courses Taught

Spring 23, 24, 25	Micro-macro Processes (SOC3410, undergraduate)
Spring 21, 23, 24, 25	Social Networks: Theory and Applications (SOC6010, graduate)
Fall 20, 21, 22, 24	Statistics for Sociological Research (SOC3010, undergraduate)
Fall 20, 21, 22, 24	Statistics for Sociological Research (SOC6010, graduate)

Graduate Dissertation Committees

Astghik Altunyan (Psychology), Sihyu Ji, Jaeun Lim, William (Austen) Mack-Crane, Michael Tang

Completed Dissertation & Masters Committees

Adrian Lee (2023), Nan Feng (2024), Katherine Zaslavsky (2024)

Concentration Exams

Shiyu Ji (Social Networks), William (Austen) Mack-Crane (Social Networks), Simon Chanezon (Social Networks)

Service to Department and University

2022	Graduate Admission Committee
2021	First-year advising Seminar (AS1102)
2020-	Department of Sociology Colloquium Committee

Internal Seminars and Symposiums

Spring 25	Discussant, Panel on "Computational, Mathematical, and Novel Data Approaches" at the 17th Annual Sociology Graduate Research Symposium
Fall 21, Spring 25	"How to write good code: a bag of tips," Demography Training Proseminar, Cornell Population Center
Fall 24,	"Reflections on Regrets and Lessons Learned from Graduate School," Cornell Sociology BrownBag Session

Fall, Spring 24	"What Are Good Research Projects to Start in Graduate School" Joint Proseminar of the Department of Sociology and Cornell Population Center
Spring 23	Discussant, panel on "Social Class and Politics" at the 15th Annual Sociology Graduate Research Symposium
Fall 22	"Analyzing Big and/or Complex Data," Department of Sociology Proseminar
Spring 21	"Still a Small World? University Course Enrollment Networks before and during the COVID-19 Pandemic," Cornell SGSA Research Symposium Keynote
Fall 21	"What I regret and don't regret about my graduate school years," Department of Sociology Proseminar

Miscellaneous Service

Fall 24	Ad hoc reviewer for 2025-26 Society for the Humanities Faculty Fellowship Competition

SERVICE TO THE FIELD

2023	Special session on "Political Polarization," Organizer and Presider, American Sociological Association Annual Meeting
2022	Session on "Mathematical and Computational Approaches to Studying Inequality," Presider, American Sociological Association Annual Meeting
2021	Best Graduate Student Paper Award Committee, ASA Rationality and Society Section
2021	Session on "Political Polarization in the Wake of Covid-19," Moderator, Eastern Sociological Society Annual Meeting

Ad Hoc Reviewer

Journals

American Journal of Sociology	*Journal of Mathematical Sociology*	*Sociological Methods & Research*
American Sociological Review	*Journal of Politics*	*Social Networks*
British Journal of Sociology	*Plos One*	*Social Problems*
Connections	*Social Forces*	*Sociological Perspectives*
Demography	*Sociological Forum*	*Sociological Science*
European Sociological Review	*Sociological Methodology*	*Socius*

Grants

U.S. National Science Foundation, Social Sciences and Humanities Research Council of Canada

MISCELLANEA

R Packages	relabelKL	Devloper & Maintainer; C++ implementation of the KL-algorithm for relabeling MCMC output samples from Bayesian finite mixture models with integration to rstan (development version available at github.com/baruuum/relabelKL)
	igplot	Developer & Maintainer; Fast plotting of igraph objects in R (development version available at baruuum.github.io/igplot).
	tidylda	Contributor; Package for fitting Latent Dirichlet Allocation models using style conventions from the tidyverse (on CRAN)