Nicolas L. Harder
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Contact information
University email: nharder@email.sc.edu

Education:

PhD Sociology	University of South Carolina, expected Spring 2024
M.A. Sociology	University of South Carolina, Spring 2019
B.A. Sociology	University of Iowa, Spring 2015
B.A. Political Science	University of Iowa, Spring 2015

Research Interest

Social Networks, Simulation, Advanced Quantitative Methods, Social Psychology, Culture, Status and Influence, Contagion and Diffusion

Dissertation

"Heuristics and Cultural Competition: How the Status of Cultural Objects are Formed and Status Influences Survival" (Committee: Matthew Brashears (chair), Laura Brashears, Diego Leal Castro, Ronald Breiger)

Peer Reviewed Publications

Harder, Nicolas L. & Brashears, Matthew E. (2023). An improved approach for ecological modeling of social phenomena in Blau Space. *PLOS ONE*, 18(8) e0289934.

Leal, Diego F., & Harder, Nicolas L. (2023). Network Dynamics and Intensity in Global Migration Flows, 1990-2015. *Journal of Ethic and Migration Studies*, 49(2): 445-464.

Leal, Diego F., & Harder, Nicolas L. (2021). "Global Dynamics of International Migration Systems across South-South, North-North, and North-South Flows, 1990-2015". *Applied Network Science*, 6: 1-27.

Harder, N. L., & Brashears, M. E. (2020). "Predicting organizational recruitment using a hybrid cellular model: new directions in Blau space analysis". *Computational and Mathematical Organization Theory*, 26(3): 320-349.

Brashears, M., Brashears, L., & Harder, N. (2020). "Where you are, what you want, and what you can do: The role of master statuses, personality traits, and social cognition in shaping ego network size, structure, and composition". *Network Science*, 8(3): 356-380.

Harder N.L., Brashears M.E. (2019) A Hybrid Cellular Model for Predicting Organizational Recruitment in a k-Dimensional Space. In: Thomson R., Bisgin H., Dancy C., Hyder A. (eds) Social, Cultural, and Behavioral Modeling. SBP-BRiMS 2019. Lecture Notes in Computer Science, vol 11549. Springer, Cham.[1]

Data Collection Efforts

Harder, Nicolas L., Brashears, Matthew E., Money, Victoria. "Voluntary Organizations and Civic Participation Survey" – funded by Multi-disciplinary University Research Initiative (MURI) award, Office or Naval Research – over 5000 responses collected

Harder, Nicolas L. "Cultural Objects Surveys – Wave 1" – Series of 4 surveys related to Music, Film, Video Games, and Literature – funded by Multi-disciplinary University Research Initiative (MURI) award, Office or Naval Research – over 6700 responses collected

Harder, Nicolas L. "Cultural Objects Surveys – Wave 2" – Series of 4 surveys related to Music, Film, Video Games, and Literature – funded by SPARC Graduate Research Grant – over 1600 responses collected

Publications Under Review

Harder, Nicolas L. & Brashears, Matthew E. "Structures of Interaction: Social Network Analysis and its application in Social Psychology" – under review as chapter in *Handbook of Social Psychology*

Papers in progress

Harder, Nicolas L. "Cultural Consumption Templates: Preferences, Behavior, and Investment across 4 different types of cultural objects" – Working paper – initial analysis complete, rough draft presented at ASA 2023

Harder, Nicolas L. "Participating Alone: Modeling Civic Participation and Support for Political Violence." Working paper – initial analysis completed, early draft presented at INSNA 2023

Harder, Nicolas L. & Brashears, Matthew E. "Vibrations through Ties: How Ego Networks Influence Music Preferences and Consumption" – Abstract accepted in *Handbook of Social Psychology: Micro, Meso, and Macro Perspectives*

Software

Harder, Nicolas L., Piece, Gage, & Brashears, Matthew E. "Hybrid Blau Space Model: An Ecological Model for micro interactions between social entities." V.0.3. *Package for the R programming environment.* Package is under development but demo builds are available upon request.

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[1] This conference is run on a Computer Science model, and in that discipline conference papers receive stringent peer review.

Positions

Instructor,   Summer 2023 – Present
University of South Carolina

Graduate Research Assistant,   Fall 2015 – Present
The Laboratory for Sociological Research,
University of South Carolina

Research Assistant, ONR Project N00014-17-1-2675;   Fall 2017 – Summer 2022
Co-PI: Dr. Matthew Brashears, University of South Carolina

Student Research Assistant, Carnegie Mellon University   Summer 2017

SAEL Fellow, University of South Carolina   Fall 2015 – Spring 2017

Presentations, Posters, and Round Tables at Meetings and Conferences

"Cultural Consumption Templates: Preferences, Behavior, and Investment across 4 different types of cultural objects" American Sociological Association Annual Conference, August 20th, 2023.

"The Sound of Status: How Status is Composed and How It Influences the Consumption of Culture" 2023 Group Processes Conference, August 17th, 2023.

"Participating Alone: Modeling Civic Participation and Support for Political Violence" Annual Meeting of the International Network for Social Network Analysis, June 30th, 2023.

"Battle of the Genres: Comparing competition based on individual stated preferences and reported behavioral investment" Annual Meeting of the International Network for Social Network Analysis, July 12, 2022.

"Ears Among Peers: Modeling competition between music genres over the course of 30 years" Annual Meeting of the International Network for Social Network Analysis, July 7, 2021.

"Understanding and Predicting Legislative Behavior in the Verkhovna Rada through New Methods of Ecological Modeling" (With Matthew Brashears, Tymofii Brik, Kathleen Carley, and Thomas Magelinski) Annual Meeting of the International Network for Social Network Analysis, July 16, 2020.

"A Cellular Model for Predicting Organizational Recruitment in a k-Dimensional Space" (With Matthew E. Brashears) 2019 International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation July 10, 2019.

"From Curves to Grids: New Directions in the Simulation and Analysis of Blau Space" (With Matthew E. Brashears) Annual Meeting of the International Network for Social Network Analysis, June 21, 2019.

"Status from Possession: An Extension of Status Value Theory" 2018 Group Processes Conference, August 10, 2018.

Grants, Honors, and Awards

Fall 2022 – Spring 2023	Russell J. and Dorothy S. Bilinski Dissertation Fellowship, $40,000 (full support for tuition and living expenses)
Summer 2022 – Summer 2023	SPARC grant, "Heuristics and Cultural Competition: How the Status of Cultural Objects are Formed and Status Influences Survival", $5,000
Summer 2019	SBP-Brims Best Student Paper Award, Washington DC
Spring 2018	Department Research Grant, Department of Sociology, University of South Carolina $480
Fall 2015	SAEL Fellowship, University of South Carolina

Teaching Experience

Instructor, Introduction to Sociology (SOCY 101)	Fall 2023
Instructor, Elementary Statistics for Sociology (SOCY 392)	Summer 2023
Voluntary Teaching Assistant, Statistical Analysis in Sociology (SOCY 730)	Fall 2022
Course Co-Developer, Online Accelerated version of Elementary Statistics for Sociologists (SOCY 392)	Summer 2022
Voluntary Teaching Assistant, Elementary Statistics for Sociologists (SOCY 392)	Spring 2022
Instructor, Student Advocacy and Ethical Life (SAEL 200)	Fall 2016 – Spring 2017

Reviewer

Social Psychology Quarterly (2 articles)
Computational and Mathematical Organization Theory (3 articles)
PLOS One (2 article)

Professional Associations

INSNA (International Network for Social Network Analysis)   2019-present
ASA (American Sociological Association)   2018-present
Mathematical Sociology Subsection of ASA   2020-present
Groups Processes Subsection of ASA   2020-present

Department Service

Experimental Social Psychology Student Group   Membership Fall 2015-Present
     Positions: Treasurer (2015-2016), President (2016-2018), Secretary (2018-2019)

Sociology Graduate Student Association   Membership Fall 2015-Present
     Positions: Treasurer (2015-2016), Secretary (2016-2017, 2020-2022), Vice President (2017-2018), President (2019-2020)

References

Available upon request