MICHAEL SCHULTZ

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Academic Appointments	2019 -	Assistant Professor, Department of Sociology, Indiana University
	2016 - 2019	Post-Doctoral Fellow, SONIC Research Group, Northwestern University

Education

Ph.D., Sociology, University of California Berkeley, 2016
> Dissertation: *The Structure of American Lifestyle: Statistical Models and Analyses.*

M.A., Sociology, University of California, Berkeley, 2012
> Thesis: *A Formal Model of the Structural Foundations of Social Connectivity.*

M.Ed., Secondary Education, Mathematics, George Washington University, 2006.

M.S., Electrical and Computer Engineering, Carnegie Mellon University, 2004.

B.S., Electrical and Computer Engineering, Carnegie Mellon University, 2003.

Research Interests

Computational Social Science, Quantitative Methods, Organizational Fields, Social Networks, Conversation and Social Interaction

Teaching Interests

Computational Sociology, Statistical Methods, Economic Sociology, Organizations, Social Networks

Publications

Journal Articles

Schultz, Michael, Leslie DeChurch, and Noshir Contractor. 2023. "Embedded Interactions and Selective Disclosure: Network Effects on Conversations aboard Skylab." Accepted at *Symbolic Interactionism.*

Schultz, Michael. 2023. "Prospects for the Statistical Testing of Internally Generated Hypotheses: Research Designs and Metrics." Accepted at *Quality and Quantity.*

Schultz, Michael. 2022. "Recurrent Multinomial Models for Categorical Sequences." *Sociological Methods & Research.* doi: 10.1177/00491241211067513.

Schultz, Michael. 2018."The Problem of Underdetermination in Model Selection."
    Sociological Methodology 48(1):52-87.
Schultz, Michael. 2018."On the Assumptions of Inferential Model Selection:
    Response to Vassend and Weakleim." *Sociological Methodology* 48(1):97-102.
Fligstein, Neil, Jonah Stuart Brundage, and Michael Schultz. 2017."Seeing
    Like the Fed: Culture, Cognition, and Framing in the Failure to Anticipate
    the Financial Crisis of 2008." *American Sociological Review* 82(5):
    879-909.
Feinberg, Matthew, Robb Willer, and Michael Schultz. 2014. "Gossip and
    Ostracism Promote Cooperation in Groups." *Psychological Science* 25(3):
    656-664.

Book Chapters

Willer, Robb, Matthew Feinberg, Kyle Irwin, Michael Schultz, and Brent
    Simpson. 2010. "The Trouble with Invisible Men." in *Handbook of the
    Sociology of Morality*. New York: Springer, 315-330.

Under Review

Schultz, Michael and Jonah Stuart Brundage. "The Transformation of Global
    Diplomacy: Networks of Diplomatic Missions, 1648-1815."

Working Papers

Schultz, Michael. "Trajectories of Deliberation: The Effects of Ambiguity,
    Dissent, and Transparency on Discussions at the FOMC."
Schultz, Michael. "Modeling Conversational Structure and Dynamics using
    Vector Embedding."
Schultz, Michael. "Searching for Hawks and Doves: An Empirical Analysis of
    Policy Variation at the FOMC."
Schultz, Michael. "A Nonparameteric Framework for Modeling Fields and
    Social Spaces."
Schultz, Michael. "Not All Differences are the Same: Complex Demographic
    Mixing in Confidant Relations."

Invited
Talks

Indiana University, Department of Sociology, November 2018, *Not All Differences
    are the Same: Complex Demographic Mixing in Confidant Relations.*
UCLA, Department of Sociology, November 2018, *Not All Differences are the
    Same: Complex Demographic Mixing in Confidant Relations.*
University of Notre Dame, Department of Sociology, November 2018, *Not All
    Differences are the Same: Complex Demographic Mixing in Confidant
    Relations.*

University of Toronto, Department of Sociology, November 2017, *Re-evaluating Cultural Homology.*

Stanford University, Department of Sociology, May 2016, *Seeing Like the Fed: Culture, Cognition, and Framing and the Failure to Anticipate the Financial Crisis of 2008.*

Northwestern University, Northwestern Institute on Complex Systems (NICO), April 2016, *Seeing Like the Fed: Culture, Cognition, and Framing and the Failure to Anticipate the Financial Crisis of 2008.*

Conference Presentations

"The Statistical Evaluation of Generated Hypotheses." American Sociological Association, Los Angeles, 2022.

"Sense and Dissents: Trajectories of Deliberation at the FOMC." International Conference for Computational Social Science, Chicago, 2022.

"Networks as Filters: Selective Information Transmission about Skylab." American Sociological Association Annual Meeting, New York, 2019.

"Re-evaluating Cultural Homology." American Sociological Association Annual Meeting, Montreal, 2017.

"Structured Text Analysis for Evaluating Shared Cognition." NASA Human Research Program Investigators Workshop, Galveston, 2017.

"The Structure of American Lifestyles." American Sociological Association Annual Meeting, Seattle, 2016.

"Why did the Federal Reserve Fail to See the Crisis of 2008?" American Sociological Association Annual Meeting, San Francisco, 2014.

"Knowledge, Structure, and Community: A Model of Experience in Networks"" New School for Social Research Sociology Conference, 2014.

"A Formal Model of the Structural Foundations of Social Connectivity." American Sociological Association Annual Meeting, Denver, 2012.

Teaching

Graduate Courses

Statistical Techniques in Sociology I	*Fall 2023*
	Fall 2022
	Fall 2021
Computational Methods	*Spring 2021*

Undergraduate Courses

Computational Methods	*Spring 2021*

	Economic Sociology	*Spring 2023*
		Spring 2022
		Fall 2020
		Spring 2020
		Spring 2015 (TA)
		Fall 2014 (TA)
	Statistics for Sociology	*Fall 2023*
		Spring 2023
		Fall 2022
		Spring 2022
		Fall 2021
		Spring 2021
		Fall 2020
		Spring 2020
	Introduction to Quantitative Social Science	*Fall 2015*
	Introduction to Sociological Methods	*Fall 2013 (TA)*

Service Workshop in Sociology at IU Committee, 2022-2024 (chair).
Graduate Admissions Committee, 2022-2023.
Graduate Fellowship Committee, 2021-2022.
Library Liaison, 2020-2021.
Undergraduate Affairs Committee, 2019-2020.

Advising & Mentoring Dissertation Committees:
    Helge-Johannes Marahrens
Qualifying Exam Committees:
    Chelsea Brinda (Education), Yongmin Kim, Caroline Brooks
MA Committees:
    Anne Kavalerchik, Ethan Weiland

First Year Graduate Mentor:
    Madeline Flores, Tania Nasrollahi, Anne Kavalerchik
Social Science Research Methods Minor Advisor:
    Jonathan Rojas Valero

Mentor, Data Science Interns, SONIC Research Group, Northwestern University,
    2016-2018.

Mentor, Undergraduate Research Apprenticeship Program, University of California, Berkeley, 2014.

Research & Statistics Consultant, Social Science Data Lab, University of California, Berkeley, 2008-2013, 2015-2016.

Grants, Honors, and Awards

Indiana University Trustees Teaching Award, 2023

Northwestern University Postdoctoral Development Grant, 2017

Humane Studies Fellowship, 2014

UC Berkeley Dean's Normative Time Fellowship, 2014

Department Research Fund Grant, 2013

Department Research Fund Grant, 2010

Participant, Complex Systems Summer School, Santa Fe Institute, 2009.

Professional Activities

Best Publication Award Committee, *ASA Methodology Section*, 2022-2023.

Dissertation in Progress Award Committee, *ASA Mathematical Sociology Section*, 2022-2023.

Senior Program Committee, *SocInfo 2019*, Doha, Qatar.

Reviewer, *American Sociological Review*, *American Journal of Sociology*, *Academy of Management Review*, *Sociological Forum*, *Sociological Methodology*, *Sociological Methods and Research*, *Computational and Mathematical Organizational Theory*, *Rationality and Society*