Helge-Johannes Marahrens

1020 E. Kirkwood Ave
Indiana University, Bloomington
Bloomington, IN 47405
(813) 841-1570
hmarahre@iu.edu
www.helgemarahrens.com

Education & Internships

2023 (expected)	**Ph.D. Sociology, Indiana University;** Qualifying Exam: Stratification & Culture
	Dissertation: "Global Networks and City Development, 1993-2020"
	Committee: Arthur S. Alderson (chair), Andrew-Halpern Manners, Michael Schultz, Carl Nordlund

2021	**Research Engineer Intern, Core Data Science,** Facebook (Meta) Inc.
2019	**M.S. Applied Statistics,** Indiana University
2016	**M.A. Sociology,** University of Wisconsin, Milwaukee
2014	**B.A. Cultural Studies**, European University Viadrina (Germany)

Research Interests

Computational Sociology, Networks, Statistics, Globalization, Stratification, Cultural Consumption

Publications

Leffel, Ben, **Marahrens, Helge** and Arthur Alderson. Forthcoming. "Divergence of the World City System from National Economies." *Global Networks.*

Breznau, Nate, [et al. including **Helge Marahrens**] 2022. "Observing Many Researchers Using the Same Data and Hypothesis Reveals a Hidden Universe of Uncertainty." *Proceedings of the National Academy of Sciences.*

Salganik, Matthew, [et al. including **Helge Marahrens**] 2020. "Measuring the predictability of life outcomes with a scientific mass collaboration." *Proceedings of the National Academy of Sciences* 117:8398-8403.

Halpern-Manners, Andrew, **Helge Marahrens** et al. 2020. "The Intergenerational Transmission of Early Educational Advantages: New Results Based on an Adoption Design." *Research in Social Stratification and Mobility.*

Papers Under Review

Marahrens, Helge and Arthur Alderson "The New Geography of Global Inequality and the Evolution of the World City System Since 1993." *Under Review.*
- *Winner of the World Society Foundation's 2022 Award*

Breznau, Nate, [et al. including **Helge Marahrens**]. "How Many Replications Does It Take to Achieve Reliability? Investigating Researcher Variability in a Crowdsourced Replication." *Revise & Resubmit (Sociological Methods & Research).*

Work In Progress

Leffel, Ben, Smith, David and **Helge Marahrens.** "International financial centers & competition: Testing the global city hypothesis in Hong Kong and Shanghai" (Full Draft Available)

Alderson, Arthur and **Helge Marahrens.** "Keeping up with the Joneses. How do Americans do Income Comparison?" (Full Draft Available)

Okamoto, Dina and **Helge Marahrens.** "The Public Framing of Immigrant-Related Collective Action in New Immigrant Destinations."

Marahrens, Helge, Sam Regas and Patrick Kaminski. "Omnivorous Taste in Films."

Fellowships & Awards

2022   **Grant-in-Aid of Doctoral Research Award** ($1,000), Indiana University

2022   **Sociology Department: Advanced Departmental Fellowship** ($10,000), Indiana University

2021   **Summer Affiliate Fellowship,** Complex Networks and Systems – National Science Foundation Research Traineeship (CNS-NRT) ($5,000), Indiana University

2021   **Tobias Center Research Support Grant** ($3,500), Indiana University

2020   **Summer Affiliate Fellowship,** Complex Networks and Systems – National Science Foundation Research Traineeship (CNS-NRT) ($5,000), Indiana University

2017   **Clifford C. Clogg Scholarship** ($2,600), Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan

2014   **Chancellor's Graduate Student Award** ($1,000), University of Wisconsin, Milwaukee

2013   **PROMOS Stipend** ($3,000), German Academic Exchange Service

Research Experience

Assistant Editor, *American Sociological Review*, Indiana University, 2020-21

Associate Instructor, Summer Research Practicum with Dr. Dina Okamoto, Indiana University, 2019-21, Responsibility for Sampling Design and Data Administration

Research Assistant
> Indiana University
>> Social Comparison & Happiness, Arthur S. Alderson, 2017-19
>> Big Data and Network Science, Weihua An, 2017
>> New York Times Web Scraping, Brian Powell, 2017
> University of Wisconsin, Milwaukee
>> Water Poverty in American Cities, Oriol Mirosa, 2016
>> Science and Technology Survey, Gordon Gauchat, 2015

Teaching Experience

Associate Instructor, Responsibility for Lab Section of Course
> Indiana University
>> Statistical Techniques in Sociology II: Sociology S650

- Graduate Course with Professor Andrew-Halpern Manners (2023)
Statistical Techniques in Sociology I: Sociology S554
- Graduate Course with Professor Patricia McManus (2018, 2019) and Professor Michael Schultz (2022)
University of Wisconsin, Milwaukee
Introduction to Statistical Thinking in Sociology

Associate Instructor, Sole Responsibility for Course, Indiana University
Understanding Social Data (2018, Formerly: Charts, Graphs, and Tables)

Teaching Assistant
University of Michigan, Inter-university Consortium for Political and Social Research (ICPSR) Summer Program
Data Science and Text Analysis (2020)
Indiana University
Introduction to Sociology (2016, 2017)
Deviance and Social Control (2017)
University of Wisconsin, Milwaukee
Introduction to Sociology (2014, 2015)

Instructor of Python Workshop
Workshop in Methods from the Social Science Research Commons, Indiana University
Introduction to Python for Social Scientists (2018-2020)
Introduction to APIs for Social Scientists (2018-2020)
Introduction to Text Mining for Social Scientists (2018-2020)
Indiana University Network Science Institute
Introduction to Network Analysis in Python with networkx

Graduate Level Statistics & Methods Courses

2019 Statistical Computing (Julia Fukuyama, Indiana University)
Statistical Consulting (JangDong Seo, Indiana University)
2018 Introduction to Networks II (Stanley Wasserman, Indiana University)
Applied Linear Models II (Arturo Valdivia, Indiana University)
Exploratory Data Analysis (Brad Luen, Indiana University)
2017 Advanced Natural Language Processing (Damir Cavar, Indiana University)
Applied Linear Models I (Arturo Valdivia, Indiana University)
Measurement, Scaling, and Dimensional Analysis (William Jacoby, ICPSR)
Multivariate Statistical Methods: Advanced Topics (Robert Henson, ICPSR)
Longitudinal & Panel Data Analysis (Patricia McManus, Indiana University)
2016 Social Network Analysis (Weihua An, Indiana University)
Categorical Data Analysis (Scott Long, Indiana University)
Causal Inference in Social Research (John Roberts, UW-Milwaukee)
2015 Advanced Quantitative Analysis (Marcus Britton, UW-Milwaukee)
Advanced Statistical Methods in Sociology (Gordon Gauchat, UW-Milwaukee)

Presentations

2022   "Global Networks and City Development, 1993-2020", American Sociological Association Annual Meeting

2022   "Spatial Dependencies in the World-City System, 1993-2020", Midwest Sociological Society Annual Meeting

2022   "Industry Differences in the World-City System, 1993-2020", Southern Sociological Society Annual Meeting

2022   "The Limits of Central Place Theory to Describe the World-City System", North Central Sociological Association Annual Meeting

2022   "The New Geography of Global Inequality and the Evolution of the World City System", World Society Foundation Online Conference

2021   "Global Networks and City Development, 1993-2020", Tobias Center Research Symposium

2021   "Global Networks and City Development", Computational Social Science Workshop, Meta Inc. (Formerly: Facebook Inc.)

2020   "Keeping Up With the Joneses: How Do Americans Do Income Comparison?" (with Art Alderson), American Sociological Association Annual Meeting

2020   "The Public Framing of Immigrant-Related Collective Action in New Immigrant Destinations" (with Dina Okamoto), American Sociological Association Annual Meeting

2019   "Income Comparison and Social Location in the United States" (with Art Alderson), American Sociological Association Annual Meeting

2019   "Omnivorous Tastes in Films" (with Patrick Kaminski & Sam Regas), North Central Sociological Association Annual Meeting

2018   "Omnivorousness as a Precondition for Specific and Obscure Tastes" (with Patrick Kaminski & Sam Regas), International Conference on Computational Social Science

Academic Service

President (2022) and Vice President (2021) of the Machine Learning for Research Club at Indiana University

Presider (2022) Global and Transnational Roundtable: Networks, American Sociological Association Annual Meeting

Organizer (2018-2020) Public Sociology Forum

Coordinator (2017) Politics, Economics, and Culture Workshop, Indiana University

Coordinator (2017) Indiana Intensive Didactic Seminars (IIDS - Methods Workshop), Indiana University

Presider (2016) The Power of Perception: Identity and Presentation in New Media, Midwest Sociological Society (MSS) Annual Meeting

Presider (2014) Section on Political Economy of the World-System Roundtable Session, American Sociological Association Annual Meeting

Professional Memberships

American Statistical Association (since 2016)
American Sociological Association (since 2015)
Alpha Kappa Delta (since 2015)
Southern Sociological Society (2017-2019)
Midwest Sociological Society (2016-2017, 2022)
North Central Sociological Association (2019, 2022)

References

Arthur S. Alderson
Distinguished Professor
Department of Sociology
753 Ballantine Hall
Indiana University
Bloomington, IN 47405
socotm@indiana.edu
812-855-2924

Andrew Halpern-Manners
Associate Professor
Department of Sociology
752 Ballantine Hall
Indiana University
Bloomington, IN 47405
socotm@indiana.edu
812-855-2924

Dina Okamoto
Distinguished Professor
Department of Sociology
760 Ballantine Hall
Indiana University
Bloomington, IN 47405
socotm@indiana.edu
812-855-2924