

Jacob Schauer

ASSISTANT PROFESSOR

Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University
680 N. Lake Shore Dr., Ste. 1400
Chicago, IL 60611

☎ (202) 569-5276 | ✉ jms@northwestern.edu | 🌐 jmschauer.com | 📱 j3schaue

Education

Northwestern University

PHD, STATISTICS

Evanston, IL

2018

Western Michigan University

BS MATHEMATICS, ENGLISH

Kalamazoo, MI

2007

Professional Experience

Feinberg School of Medicine, Northwestern University

ASSISTANT PROFESSOR

Chicago, IL

2020-present

Institute for Policy Research, Northwestern University

POSTDOCTORAL FELLOW

Evanston, IL

2018-2020

National Opinion Research Center

DATA SCIENTIST

Chicago, IL

2014-2019

Society for Research on Educational Effectiveness

CONSULTANT

Washington, DC

2016-2018

Publications

- Schauer, JM, K Díaz, J Lee, and TD Pigott (in press). Exploratory analyses for missing data in meta-analyses. *Alcohol and Alcoholism*.
- Hedges, LV and JM Schauer (in press). The design of replication studies. *Journal of the Royal Statistical Society: Series A*.
- Schauer, JM, KG Fitzgerald, S Peko-Spicer, MCR Whalen, R Zejnullahi, and LV Hedges (2021). An evaluation of statistical methods for aggregate patterns of replication failure. *Annals of Applied Statistics* **15** (1), 208–229.
- Schauer, JM and LV Hedges (2021). Reconsidering statistical methods for assessing replication. *Psychological Methods* **26** (1), 127–139.
- Schauer, JM, AM Kuyper, EC Hedberg, and LV Hedges (2020). The effects of microsuppression on state education data quality. *Journal of Research on Educational Effectiveness* **13** (4), 794–815.
- Schauer, JM and LV Hedges (2020). Assessing heterogeneity and power in replications of psychological experiments. *Psychological Bulletin* **146** (8), 701–719.
- Hedges, LV and JM Schauer (2019). Consistency of effects is important in replication. *Psychological Methods* **24** (5), 576–577.
- Hedges, LV and JM Schauer (2019). More than one replication study is needed for unambiguous tests of replication. *Journal of Educational and Behavioral Statistics* **44** (5), 543–570.
- Hedges, LV and JM Schauer (2019). Statistical analyses for studying replication: Meta-analytic perspectives. *Psychological Methods* **24** (5), 557–570.
- Hedges, LV and JM Schauer (2018). Randomised trials in education in the USA. *Educational Research* **60**(3), 265–275.

Talks

- Schauer, JM (2019). *Assessing replication: Lessons from empirical research and applied statistics*. presented at the Joint Statistical Meetings, Denver, CO.
- Schauer, JM (2019). *Challenges for imputing missing covariates in a meta-regression*. Society for Research Synthesis Methods, Chicago, IL.
- Schauer, JM (2019). *Assessing replication: Lessons for education science*. Paper presented at the Spring Meeting of the Society for Research on Educational Effectiveness, Washington, DC.
- Schauer, JM (2018). *Suspect research and statistical inference*. Paper presented at the Spring Meeting of the Society for Research on Educational Effectiveness, Washington, DC.

5. Schauer, JM (2018). *Replication in education science*. Poster presented at the Spring Meeting of the Society for Research on Educational Effectiveness, Washington, DC.

Teaching

Data Science III (STAT 301-3) DEPARTMENT OF STATISTICS, NORTHWESTERN UNIVERSITY	Evanston, IL 2019-2020
Summer Institute in Randomized Trials for Established Researchers INSTITUTE FOR POLICY RESEARCH, NORTHWESTERN UNIVERSITY	Evanston, IL 2014-2019
Introduction to Statistics and Data Science NORTHWESTERN UNIVERSITY ATHLETICS DEPARTMENT TUTORING	Evanston, IL 2016-2019
Introduction to Python DEPARTMENT OF STATISTICS, NORTHWESTERN UNIVERSITY	Evanston, IL Spring 2017
Introduction to dplyr RESEARCH COMPUTING SERVICES, NORTHWESTERN UNIVERSITY	Evanston, IL Spring 2017
English as a Foreign Language CALEDONIAN SCHOOL	Prague, CZ 2008-2009
High School Mathematics SANTA FE CATHOLIC HIGH SCHOOL	Lakeland, FL 2007-2008

TEACHING ASSISTANT

Special Topics: Methods for Studying Replication DEPARTMENT OF STATISTICS, NORTHWESTERN UNIVERSITY	Evanston, IL Spring 2018
Meta-analysis (STAT 439) DEPARTMENT OF STATISTICS, NORTHWESTERN UNIVERSITY	Evanston, IL Spring 2018
Applied Hierarchical Linear Models (STAT 356) DEPARTMENT OF STATISTICS, NORTHWESTERN UNIVERSITY	Evanston, IL Winter 2017
Introduction to Data Science (STAT 301) DEPARTMENT OF STATISTICS, NORTHWESTERN UNIVERSITY	Evanston, IL Fall 2016

Professional Activities

REVIEWER

- *Journal of Educational and Behavioral Statistics*
- *Behavioral Research Methods*
- *PLoS One*
- *Multivariate Behavioral Research*
- *Health Informatics Journal*
- *Research Synthesis Methods*
- *Alcohol and Alcoholism*
- *Journal of General Internal Medicine*