

EMPLOYMENT

Iowa State University

Assistant Professor, Department of Statistics

Ames, IA

Fall 2025—

EDUCATION

Carnegie Mellon University

Ph.D. in Statistics

Pittsburgh, PA

2020–2025

University of Chicago

M.S. in Computational Analysis & Public Policy

Chicago, IL

2018–2020

University of Wisconsin - Oshkosh

B.S. in Mathematics

B.B.A. in Finance & Economics

Oshkosh, WI

2013–2018

PUBLICATIONS AND MANUSCRIPTS

Final Revisions Submitted

- [A Unified Framework for Rerandomization Using Quadratic Forms](#)
 - Kyle Schindl and Zach Branson
 - *Journal of the American Statistical Association*; acceptable after minor revisions
- [Incremental Effects for Continuous Exposures](#)
 - Kyle Schindl, Shuying Shen, and Edward H. Kennedy
 - *Journal of the American Statistical Association*; acceptable after minor revisions

Preprints Under Review

- [Causal Geodesy: Counterfactual Estimation Along the Path Between Correlation and Causation](#)
 - Kyle Schindl and Larry Wasserman
- [Distributional Discontinuity Design](#)
 - Kyle Schindl and Larry Wasserman

SELECTED MANUSCRIPTS IN PREPARATION

Active research manuscripts with completed analyses and/or drafts in progress.

- **Incremental Difference-in-Differences with Negative Controls**
 - Florian Gunsilius, Gonzalo Mena, Tristan Saidi, Kyle Schindl, and Larry Wasserman
- **Two-Sample Testing via Comparison Moments**
 - Kyle Schindl and Lynna Chu
- **Uncovering Hidden Treatment Effect Heterogeneity Through Optimal Transport**
 - Kyle Schindl, Ashley Naimi, and Larry Wasserman
- **An L -Moment Factor Model**

- Joseph Fry, Florian Gunsilius, Kyle Schindl, and Larry Wasserman
- **Sequential Rerandomization: Dynamic Constraints for Enhanced Statistical Efficiency**
 - Kyle Schindl and Zach Branson
- **Time and the Curse of Dimensionality in Longitudinal Causal Inference**
 - Kyle Schindl and Edward H. Kennedy

PH.D. STUDENT RESEARCH & ADVISING

- Debartha Paul, *A Geometric Framework for Distributional Causal Inference*
- Debarghya Jana, co-advisee with Jae-Kwang Kim, *An Information Geometric Approach to Stochastic Interventions*
- Siyang Liu, *Rerandomization Under Continuous Treatments*
- Alex Wold, co-advisee with Lynna Chu, *Distributional Causal Effect Estimation via L-Moments*

TALKS

- Joint Statistical Meetings (August 2026)
- ICSA Applied Statistics Symposium (June 2026).
- IDAD: Frontiers in Biostatistics & Data Science (April 2026).
- Iowa State University - Department of Materials Science and Engineering (April 2026).
- University of Iowa - Department of Statistics and Actuarial Science (March 2026).
- Iowa State University - University Library (October 2025).
- Iowa State University - Department of Statistics (September 2025).
- Lifetime Data Science Conference (May 2025).
- American Causal Inference Conference (May 2025).
- Design and Analysis of Experiments (May 2024).
- Working Groups:
 - CMU Optimal Transport Reading Group (February 2026).
 - ISU Economics Reading Group (December 2025).
 - CMU Causal Inference Working Group (Spring 2022, Fall 2023, Spring 2025).
 - CMU Statistical Machine Learning Research Group (Spring 2025).

POSTER PRESENTATIONS

- American Causal Inference Conference (May 2026).
- ISU-NISS Conference on AI and Statistics (September 2025).

JOURNAL REFEREEING

- Political Analysis
- Journal of the Royal Statistical Society - Series A
- Journal of the Royal Statistical Society - Series B
- Statistica Sinica
- Journal of Machine Learning Research
- Springer Nature - Health Services and Outcomes Research Methodology

SERVICE

- Iowa State Artificial Intelligence Taskforce (2026)
- Iowa State Department of Statistics Seminar Chair (2025 —)

TEACHING

- **Iowa State University (Instructor):**

- STAT 4212/5212 Experimental Design and Data Analysis Fall 2025
- STAT 5020 Applied Modern Multivariate Statistical Learning Spring 2026

- **Carnegie Mellon University (Teaching Assistant):**

- 36-700: Probability and Mathematical Statistics Fall 2021, 2022
- 36-225: Introduction to Probability Theory Fall 2020, Summer 2021
- 36-401: Modern Regression Spring 2022
- 36-402: Advanced Methods of Data Analysis Spring 2025

- **University of Chicago (Teaching Assistant):**

- CAPP 30271: Mathematics for Computer Science Winter 2020
- CAPP 30121: Computer Science with Applications I Fall 2019
- BUSN 32100: Data Analysis with R and Python Winter 2019