

Kyle Schindl

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EMPLOYMENT

Iowa State University Assistant Professor, Department of Statistics	Ames, IA Fall 2025—
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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

Journal Publications

- [A Unified Framework for Rerandomization Using Quadratic Forms](#)
 - Kyle Schindl and Zach Branson
 - *Journal of the American Statistical Association*, Forthcoming (2026). doi:10.1080/01621459.2026.2702652
- [Incremental Effects for Continuous Exposures](#)
 - Kyle Schindl, Shuying Shen, and Edward H. Kennedy
 - *Journal of the American Statistical Association*, Forthcoming (2026). doi:10.1080/01621459.2026.2719859

Preprints Under Review

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

SELECTED MANUSCRIPTS IN PREPARATION

- **Parallel Trends as a Spectrum**
 - Kyle Schindl, Joseph Fry, Florian Gunsilius, 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
- **Doubly Robust Estimation of Conditional Wasserstein Treatment Effects**
 - Kyle Schindl and Larry Wasserman
- **Honest Agentic Causal Inference**
 - Kyle Schindl, David Van Dijke, Kaspar Wuthrich, Florian Gunsilius

PH.D. STUDENT RESEARCH & ADVISING

- Debartha Paul, *On the Geometry of Distributional Treatment Effect Heterogeneity*
- Debarghya Jana, co-advisee with Jae-Kwang Kim, *A Geometric Framework for Stochastic Interventions*
- Alex Wold, co-advisee with Lynna Chu, *Distributional Causal Effect Estimation via L-Moments*
- Jingtao Shang, *Average Treatment Effect Estimation without First Moments*

TALKS

- Clemson University - School of Mathematical and Statistical Sciences (September 2026)
- 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, September 2026).
- 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

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

SERVICE

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

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

- STAT 4212/5212: Experimental Design and Data Analysis Fall 2025
- STAT 5020: Applied Modern Multivariate Statistical Learning Spring 2026
- STAT 5543: Theory of Probability and Statistics II Spring 2027
- STAT 6608: Modern Multivariate Statistical Learning Spring 2027

- **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