Wenbin Zhou

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EDUCATION

Carnegie Mellon University *2023 - Present*
Ph.D. in Machine Learning and Public Policy
Advisor: Shixiang (Woody) Zhu

University of Science and Technology of China *2019 - 2023*
B.S. in Statistics

WORK EXPERIENCES

Carnegie Mellon University *Sept 2024 - Present*
Research Assistant

Argonne National Laboratory *May 2024 - Sept 2024*
Technical Research Aide

CONFERENCES

[1] <u>Wenbin Zhou</u>, Shixiang Zhu, Feng Qiu, and Xuan Wu, *Hierarchical Spatio-Temporal Uncertainty Quantification for Distributed Energy Adoption.* IEEE Power & Energy Society General Meeting (**PESGM**), 2025.

[2] Aoran Zhang, <u>Wenbin Zhou</u>, Liyan Xie, and Shixiang Zhu, *Recurrent Neural Goodness-of-Fit Test for Time Series.* International Conference of Artificial Intelligence and Statistics (**AISTATS**). 2025.

[3] Shenghao Wu, <u>Wenbin Zhou</u>, Minshuo Chen, and Shixiang Zhu. *Counterfactual Generative Models for Time-Varying Treatment.* ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**). 2024.

- **Spotlight** (5 out of 44), Deep Generative Models for Health Workshop, NeurIPS 2023.
- Short version accepted by Causal Representation Learning Workshop, NeurIPS 2023

PREPRINTS & WORKING PAPERS

[1] <u>Wenbin Zhou</u>, Liyan Xie, Zhigang Peng, and Shixiang Zhu, *Sequential Online Change Point Detection via Denoising Score Matching.* Preprint. 2025.

[2] <u>Wenbin Zhou</u> and Jin-Hong Du, *Distance-Preserving Spatial Representations of Genomic Data.* Preprint. 2024.

- Short version accepted by International Workshop on Data Mining in Bioinformatics, 2024

HONORS & AWARDS

Institute for Mathematical and Statistical Innovations (IMSI) Travel Grant	*2024*
First Place, 2023 YinzOR Student Conference Poster Competition	*2023*
Winner's Prize, 13th S.-T. Yau College Student Mathematics Contest	*2022*
First Class, USTC Outstanding Student Scholarship $\times 2$ ($\leq 3\%$ winning rate)	*2020, 2022*

TEACHING EXPERIENCES

Undergraduate Teaching Assistant at USTC:

- Regression Analysis (01714601)   *Fall 2022*
- A Primer to Game Theory (MNSC200101)   *Spring 2023*

PROFESSIONAL SERVICE

Session Chair for "Predictive Analytics for High-stake Decision Making" at INFORMS 2024.

Session Chair for Flash Talk and Poster Session at YinzOR 2024.

Journal Referee for INFORMS Journal on Computing.

Journal Referee for Journal of Agricultural, Biological and Environmental Statistics.

Journal Referee for IEEE Transactions on Power Delivery.

Conference Reviewer for KDD (2023, 2024), ACML (2024), IEEE PES GM (2025).