

Wenshan Han, Ph.D.

Assistant Professor
Department of Population and Community Health
College of Public Health
University of North Texas Health Science Center
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TEACHING COURSES

BIOS 6322 Longitudinal Data Analysis

BIOS 5310 Intermediate Biostatistics

EDUCATION

Florida State University, Tallahassee, FL, USA

Aug. 2024

Ph.D. in Statistics

Advisors: Dr. Lifeng Lin & Dr. Xufeng Niu

Florida State University, Tallahassee, FL, USA

May. 2019

Master of Science in Statistics

Beijing Institute of Technology, Beijing, China

Jun. 2016

Bachelor of Science in Statistics

PROFESSIONAL EXPERIENCE

The University of North Texas Health Science Center, Fort Worth, TX, USA

Department of Population and Community Health

Assistant Professor

Dec. 2024 - present

The University of Arizona, Tucson, AZ, USA

Department of Epidemiology and Biostatistics

Postdoctoral Research Associate I

Aug. 2024 - Nov. 2024

Boehringer Ingelheim, Ridgefield, CT, USA
Clinical Data Scientist - Biostatistics Intern

May. 2023 - Aug. 2023

Florida State University, Tallahassee, FL, USA
Department of Statistics
Graduate Teaching Assistant

Jan. 2021 - Dec. 2023

RESEARCH INTERESTS

- Meta-Analysis
- Publication Bias
- Bayesian Methods

PUBLICATIONS

1. Bhasuran, B., Jin, Q., Xie, Y., Yang, C., Hanna, K., Costa, J., Shavor, C., **Han, W.**, Lu, Z. & He, Z. (2025). Preliminary analysis of the impact of lab results on large language model generated differential diagnoses. *npj Digital Medicine*, 8(1), 166.
2. **Han, W.**, Wang, Z., Xiao, M., He, Z., Chu, H., & Lin, L. (2024). Tipping point analysis for the between-arm correlation in an arm-based evidence synthesis. *BMC Medical Research Methodology*, 24(1), 1-13.
3. **Han, W.**, Bhasuran, B., Muse, V. P., Brunak, S., Lin, L., Hanna, K., Huang, Y., Bian, J., & He, Z. (2024). Assessing the seasonality of lab tests among patients with Alzheimer's disease and related dementias in OneFlorida Data Trust. *Accepted by American Medical Informatics Association 2024 Annual Symposium; Preprint available at medRxiv*, 2024-03.
4. Wang, Z., Murray, T., **Han, W.**, Lin, L., Siegel, L., & Chu, H. (2024). Tipping point analysis in network meta-analysis. *Research Synthesis Method*, accepted.

HONORS AND AWARDS

- American Medical Informatics Association, Knowledge Discovery and Data Mining Innovation Award
2024

- Florida State University, Congress of Graduate Students Travel Award 2024
- Eastern North American Region, Fostering Diversity in Biostatistics Travel Award 2024

PRESENTATIONS

- 2025 Eastern North American Region Spring Meeting Mar. 2025, New Orleans, LA
- 2024 American Medical Informatics Association Annual Symposium Nov. 2024, San Francisco, CA
- 2024 Midwest Biopharmaceutical Statistics Workshop Jun. 2024, Carmel, IN
- 2024 Duke Industry Statistics Symposium Apr. 2024, Durham, NC
- 2023 Yongyuan and Anna Li Student Presentation Apr. 2023, Tallahassee, FL
- 2023 American Statistical Association FL Chapter Annual Meeting Mar. 2023, Gainesville, FL

PROFESSIONAL AFFILIATIONS

- American Public Health Association 2025 - present
- American Medical Informatics Association 2024 - present
- International Biometric Society, Eastern North American Region 2024 – present
- American Statistical Association 2023 – present