

JIawei HUANG

+1(608)236-3665 ◊ jhuang@ucp.pt ◊ [Personal Website](#) ◊ [Google Scholar](#)

Católica Lisbon School of Business & Economics

Caminho de Palma de Cima, 1649-023 Lisboa, Portugal

ACADEMIC APPOINTMENT

Incoming Assistant Professor in Operations and Data Science	2026 –
Católica Lisbon School of Business & Economics, Universidade Católica Portuguesa	Lisbon, Portugal

EDUCATION

Ph.D. in Business Analytics	2021 – 2026
Carl H. Lindner College of Business, University of Cincinnati	Cincinnati, USA
M.S. in Data Science and Statistics	2019 – 2021
Department of Statistics, University of Wisconsin-Madison	Madison, USA
B.S. in Statistics	2016 – 2020
Department of Statistics, Renmin University of China	Beijing, China

RESEARCH

Peer-Reviewed Publications

1. Nam D. Nguyen, **Jiawei Huang**, & Daifeng Wang. A Deep Manifold-Regularized Learning Model for Improving Phenotype Prediction from Multimodal Data. *Nature Computational Science*. [\[Link\]](#)
2. **Jiawei Huang**, Jie Sheng, & Daifeng Wang. Manifold Learning Analysis Suggests Strategies to Align Single-Cell Multimodal Data of Neuronal Electrophysiology and Transcriptomics. *Communications Biology*. [\[Link\]](#)
3. Ting Jin, Peter Rehani, Mufang Ying, **Jiawei Huang**, Shuang Liu, Panagiotis Roussos, & Daifeng Wang. scGRNOM: A Computational Pipeline for Integrative Multi-Omics Analysis to Predict Cell-Type-Specific Disease Genes and Regulatory Networks. *Genome Medicine*. [\[Link\]](#)

Working Papers

4. **Jiawei Huang**, Dungang Liu, Yuan Jiang, & Yu Xie. An “i-mobility” Framework for Studying Social Mobility: Individualized Inference via Generative Analysis of Discrete Data. Under review.
5. Hui Guo, **Jiawei Huang**, & Yan Yu. (Mis)Understanding Benign Overfitting in Equity Return Prediction. Under review.
6. **Jiawei Huang**, Michael J. Fry, Scott Dust, Sharmeen M. Merchant, & Luciana Zheng Manroop. I Will Pay You Back in The Future: Examining Employees’ On-Job Perceptions of Organizations and Their Intention of Making Post-Turnover Employment Referrals. Under review.
7. **Jiawei Huang**, Kanix Wang, & Michael J. Fry. Leveraging Generative AI Models for Textual Analysis in Healthcare Human Resources Operations. Under review.

8. Finite-Sample Variable Prescreen Methods for Qualitative Comparative Analysis (With Arun Rai, Yanran Liu, Peng Wang, & Zewei Lin). In preparation.
9. The Configuration-Regression Nexus: A Systematic Review of Methodological Friction and Integration (With Yanran Liu). In preparation.

Industry Collaborations

- Ryerson Inc., HSD Metrics, Drees Home, & ABC Fitness

TEACHING AND STUDENT MENTORING

Independent Instructor (In-person and Online)

Graduate Courses

- Business Research Methods Fall 2026
- Causality and Randomized Experiments Spring 2027
- Probability Models (5.0/5.0) Fall 2025
- Statistical Computing (Evaluation: 4.6/5.0) Summer 2025

Undergraduate Courses

- Descriptive Analytics and Data Visualization (Evaluation: 4.7/5.0) Spring 2024
- Descriptive Analytics and Data Visualization (Evaluation: 4.4/5.0) Summer 2022

Student Mentorship in Research Projects

*I served as an **mentor** at the Center for Business Analytics on two projects with Drees Homes and ABC Fitness, guiding **two Business Analytics undergraduate students and two Computer Science master's students**. I also served multiple times as the second reader for multiple capstone projects in the MSBA program.*

PRESENTATIONS

An “i-Mobility” Framework for Studying Social Mobility

- 2025 INFORMS Annual Meeting, Atlanta, GA 10/2025
 - Data Mining and Decision Analytics (DMDA) Workshop (Refereed Full Paper)
 - Job Market Showcase Session
- Invited Session, Joint Statistical Meeting (JSM), Nashville, TN 08/2025
- Paper Competition with Award, KY-ASA Meeting, Lexington, KY 04/2025
- Contributed Session, Joint Statistical Meeting (JSM), Toronto, Canada 08/2023
- Refereed Session with Award, SDSS, St. Louis, MO 05/2023

(Mis)Understanding Benign Overfitting

- Refereed Session with Award, SDSS, Salt Lake City, UT 05/2025
- Invited Session Presented by Coauthor, IMS–ICSIDS, Seville, Spain 12/2025

Gender Moderating Effects in Registered Nurses' (RNs) Turnover

- Invited Session, Annual POMS Conference, Minneapolis, MN 04/2024

Predicting Power Grid Failures using Self-Organized Criticality

- Invited Discussant, International Risk Conference (MRS), Boston, MA 07/2025

Manifold Learning Applications in Single-Cell Multi-Modal Data

- Contributed Poster, Symposium on Data Science and Statistics (SDSS), Pittsburgh, PA 06/2022

AWARDS AND FELLOWSHIPS

- Center of Business Analytics Research Fellowship (\$7800) 2022 – 2023
- Conference Award, Best Student Paper Award, KY-ASA meeting 2025
- Conference Award, Student and Early-Career Awards, SDSS 2025
- Conference Award, Student and Early-Career Travel Awards, SDSS 2023
- Graduate Student Government (GSG) Research Fellowship (\$1700) 2023
- Graduate Student Government (GSG) Student Travel Award (\$4000) 2021 – 2025
- Siddall Fund (\$2000) 2021 – 2025
- Waismon Center Research Fellowship (\$4000) 2021

SERVICE

Academic Service

- Ad Hoc Journal Reviewer
 - *Journal of the American Statistical Association*
 - *Statistical Papers*
 - *INFORMS Workshop on Data Science*

Organizational Service

- Westerbeck Junior Faculty Teaching Award Committee 2026
- Graduate Student Governance (GSG) Excellence Awards Committee 2025
- President – American Statistical Association (ASA) UC Chapter 2025 – 2026
- President – INFORMS UC Chapter 2024 – 2026
- Treasurer – Lindner Graduate Student Association (LGSA) 2024 – 2026