

Rui Wang

Contact Information

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Working Experience

- Spring, 2025–
Post-doc, Texas Tech University.

Education

- Fall, 2020–Fall 2024 (Expected)
Ph.D. of Economics.
Department of Economics.
University of Kansas.
- Spring, 2019–July, 2020
Master of Arts.
Department of Economics.
University of Kansas.
- Fall, 2012–July, 2018
Ph.D. of Applied Mathematics.
School of Mathematics and Statistics.
Northeast Normal University of China.
- Fall, 2008 – July, 2012
B.S. Mathematics and Applied Mathematics.
School of Mathematics and Statistics.
Northeast Normal University of China.

Publications

- A Model Specification Test for Nonlinear Stochastic Diffusions with Delay.
Zongwu Cai, Hongwei Mei and Rui Wang.
Stat. Inference Stoch. Process. (2024), 1-18

- Asymptotic Properties of Multi-species Lotka-Volterra Models with Regime Switching Involving Weak and Strong Interactions.
Rui Wang, Xiaoyue Li and George Yin.
J. Nonlinear Sci. 30(2020), no.2, 565–601.
- Moment Bounds and Ergodicity of Switching Diffusion systems involving two-time-scale Markov chains.
Xiaoyue Li, Rui Wang and George Yin.
Systems Control Lett. 132 (2019), 104514, 17 pp.
- On Stochastic Multi-group Lotka-Volterra Ecosystems with Regime Switching.
Rui Wang, Xiaoyue Li and Denis S Mukama.
Discrete Contin. Dyn. Syst. Ser. B 22 (2017), no. 9, 3499–3528.
- The Almost Sure Stability of Coupled System of Stochastic Delay Differential Equations on Networks.
Rui Wang, Wenxue Li and Xiaoyue Li.
Adv. Difference Equ. (2015), 2015:133, 22 pp.

Papers Submitted

- Model Specification Tests of Heterogenous Agent Models with Aggregate Shocks under Partial Information.
Zongwu Cai, Hongwei Mei and Rui Wang.
Submitted to *Econometric Theory*.

Teaching

- Principles of Macroeconomics (ECON144, online session): Fall 2023, Spring 2024. the University of Kansas.
- Principles of Microeconomics (ECON142, online session), Fall 2023, Spring 2024. the University of Kansas.
- Principles of Macroeconomics (ECON144, In-person, Enhanced session): Fall 2022, Spring 2023. the University of Kansas.
- Principles of Macroeconomics (ECON144, In-person, Discussion session): Fall 2020, Spring 2021, Spring 2022, Fall 2022. the University of Kansas.
- Calculus II (MATH126, In-person, Laboratory session): Fall 2019, Spring 2020. the University of Kansas.

Awards

- Summer Research Scholarship, Department of Economics (2024), the University of Kansas.
- Economics Dept Scholarship (2024), Department of Economics, the University of Kansas.

- Charles Oswald Summer Scholarship in KU (2021).
- Outstanding Graduate Student in NENU (2018).
- NENU President Scholarship in NENU (2016–2017).
- Excellent presentation award in Forum of Graduate students in NENU (2017).
- Excellent Scholarship for Graduate Students in NENU (2013–2014).
- First-class Prize Contemporary Undergraduate Mathematical Contest in Modeling in Jilin Contest District (2010).