

## **Xiaodong Liu, Professor**

PhD, Ohio State University, 2007

### **FIELDS**

Econometrics

### **CURRENT RESEARCH INTERESTS**

Networks

### **SELECTED PUBLICATIONS**

- “Endogenous Technology Spillovers in R&D Collaboration Networks,” (with Chih-Sheng Hsieh and Michael König) *The RAND Journal of Economics*, forthcoming.
- “A Structural Model for the Coevolution of Networks and Behavior,” (with Chih-Sheng Hsieh and Michael König) *The Review of Economics and Statistics* 104, 355-367, 2022.
- “Who is the Key Player? A Network Analysis of Juvenile Delinquency,” (with Lung-fei Lee, Eleonora Patacchini and Yves Zenou) *Journal of Business & Economic Statistics* 39, 849-857, 2021.
- “R&D Networks: Theory, Empirics and Policy Implications,” (with Michael König and Yves Zenou) *The Review of Economics and Statistics* 101, 476-491, 2019.
- “A Robust Test for Network Generated Dependence,” (with Ingmar R. Prucha) *Journal of Econometrics* 207, 92-113, 2018.
- “Multivariate Choices and Identification of Social Interactions” (with Ethan Cohen-Cole and Yves Zenou) *Journal of Applied Econometrics* 33, 165-178, 2018.
- “Endogenous Network Production Functions with Selectivity,” (with William Horrace and Eleonora Patacchini) *Journal of Econometrics* 190, 222-232, 2016.
- “Identification and Efficient Estimation of Simultaneous Equations Network Models,” *Journal of Business & Economic Statistics* 32, 516-536, 2014.
- “Endogenous Peer Effects: Local Aggregate or Local Average?” (with Eleonora Patacchini and Yves Zenou) *Journal of Economic Behavior & Organization* 103, 39-59, 2014.
- “Learning from Peers in Signaling Game Experiments,” (with Lung-fei Lee and John H. Kagel) *Journal of Applied Econometrics* 27, 1037-1058, 2012.
- “Specification and Estimation of Social Interaction Models with Network Structures,” (with Lung-fei Lee and Xu Lin) *The Econometrics Journal* 13, 145-176, 2010.
- “Efficient GMM Estimation of High Order Spatial Autoregressive Models with Autoregressive Disturbances,” (with Lung-fei Lee) *Econometric Theory* 26, 187-230, 2010.
- “An Efficient GMM Estimator of Spatial Autoregressive Models,” (with Lung-fei Lee and Christopher R. Bollinger) *Journal of Econometrics* 159, 303-319, 2010.
- “GMM Estimation of Social Interaction Models with Centrality,” (with Lung-fei Lee) *Journal of Econometrics* 159, 99-115, 2010.