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## Curriculum Vitae

**Xu Lin**

### Contact Information

Department of Economics  
Virginia Tech  
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### Education

Ph.D., Economics, The Ohio State University, June 2006  
Dissertation: Essays on Theories and Applications of Spatial Econometric Model  
M.A., Economics, The Ohio State University, June 2001  
M.A., Economics, with Honors, Renmin University of China, Beijing, P. R. China, June 2000  
B.A., Economics, with Honors, Renmin University of China, Beijing, P. R. China, June 1997

### Professional Experience

Associate Professor (with tenure), Department of Economics, Virginia Tech, Blacksburg, VA, August 2017-Present  
Associate Professor (with tenure), Department of Economics, Wayne State University, Detroit, MI, August 2015-August 2017  
Assistant Professor, Department of Economics, Wayne State University, Detroit, MI, August 2009-August 2015  
Assistant Professor, Department of Economics, Tsinghua University, Beijing, P. R. China, July 2006-July 2009

### Areas of Specialization

Applied Econometrics  
Labor Economics  
Health Economics

### Journal Publications

1. Hsieh, Chih-Sheng and **Xu Lin** (2020), "Social Interactions and Social Preferences in Social Networks," *Journal of Applied Econometrics*, accepted.
2. **Lin, Xu** and Lizi Wu (2020), "Interdependence among Mental Health Care Providers: Evidence from a Spatial Dynamic Panel Data Model with Interactive Fixed Effects," *The Annals of Regional Science*, accepted.
3. Hsieh, Chih-Sheng and **Xu Lin** (2017), "Gender and Racial Peer Effects with Endogenous Network Formation," *Regional Science and Urban Economics*, Vol. 67, pp. 135-147.

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4. **Lin, Xu** (2015), “Utilizing Spatial Autoregressive Models to Identify Peer Effects among Adolescents,” *Empirical Economics*, Vol. 49, Issue 3, pp. 929-960.
  5. **Lin, Xu** (2014), “Network Attributes and Peer Effects,” *Economics Bulletin*, Vol. 34, No. 3, pp. 2060-2079.
  6. Lee, Lung-fei, Ji Li and **Xu Lin** (2014), “Binary Choice Models with Social Network under Heterogeneous Rational Expectations,” *Review of Economics and Statistics*, Vol. 96, Issue 3, pp. 402-417.
  7. **Lin, Xu** and Bruce Weinberg (2014), “Unrequited Friendship? How Reciprocity Mediates Adolescent Peer Effects,” *Regional Science and Urban Economics*, Vol. 48, pp. 144-153.
  8. **Lin, Xu** (2014), “Peer Effects in Adolescents' Delinquent Behaviors: Evidence from a Binary Choice Network Model,” *Regional Science and Urban Economics*, Vol. 46, pp. 73-92.
  9. **Lin, Xu** (2010), “Identifying Peer Effects in Student Academic Achievement by Spatial Autoregressive Models with Group Unobservables,” *Journal of Labor Economics*, Vol. 28, No. 4, pp. 825–860.
  10. **Lin, Xu** and Lung-fei Lee (2010), “GMM Estimation of Spatial Autoregressive Models with Unknown Heteroskedasticity,” *Journal of Econometrics*, Vol. 157, pp. 34-52.
  11. Lee, Lung-fei, Xiaodong Liu and **Xu Lin** (2010), “Specification and Estimation of Social Interaction Models with Network Structures,” *The Econometrics Journal*, Vol. 13, Issue 2, pp. 145-176.

### **Book Chapters**

- Hsieh, Chih-Sheng, **Xu Lin** and Eleonora Patacchini (2020), “Social Interaction Methods,” in “*Handbook of Labor, Human Resources and Population Economics*”, Klaus Zimmermann (Eds.), Springer Nature.
- Bai, Chong-En and **Xu Lin** (2008), “Capital Allocation, Regional Specialization and Spillover Effects in China,” published in “*Reshaping Economic Geography in East Asia*”, companion volume to the “2009 World Development Report”, Yukon Huang and Alessandro Magnoli Bocch (Eds.), World Bank Publications, October 2008.

### **Journal Publications in Chinese**

1. “Forecasts of Average Annual Growth Rate of China’s GDP in the Tenth Five-Year Plan,” (with Haibing Gu), *Economic Theory and Business Management*, Vol. 3, 1999.

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2. “Forecasting China’s Transportation Demand in the Ninth Five-Year Plan,” (with Haibing Gu), *Quantitative and Technical Economics*, Vol. 9, 1998, also collected in *Social Sciences Information Center of Renmin University of China*.
  3. “A Longitudinal Study on Urban-Rural Income Inequality in China,” (with Haibing Gu), *Economic Daily*, June 22, 1998.
  4. “Navigating the Pitfalls of Making Industry Demand Forecasts,” (with Haibing Gu), *Economic Reform and Development*, Vol. 4, 1998.
  5. “Analyzing Seasonal Variations in the Economic Time Series Data of China,” (with Haibing Gu and Fuqiang Li), *Quantitative and Technical Economics*, Vol. 11, 1997.

### **Book Chapters in Chinese**

- Authored several chapters of two books: “*Analysis and Forecast of China’s Economic Growth in 2000*” and “*Trends and Prospects of China’s Social Development in 2000*”, Jingwen Li (Ed.), Unity Press, Beijing, China, 1999.

### **Working Papers**

1. “Gender and Racial Altruism in Social Networks” (with Chih-Sheng Hsieh)
2. “Retirement’s Impact on Health: What Role does Social Network Play?” (with Asal Pilehvari and Wen You)
3. “Popular Peers’ Effects” (with Bruce Weinberg)
4. “Dynamic Peer Effects in Student Academic Performance: Evidence from Random Roommate Assignment” (with Jihu Zhang)
5. “Spatial Interaction of Crime in City of Detroit: Evidence from Spatial Panel Data Models” (with Shanhe Jiang and Jihu Zhang)
6. “Inter-industry Wage Differentials in China: Evidence from a Correlated Random Effect Model” (with Wei Xiong)
7. “Identifying Spillover Effects among Chinese Firms” (with Chong-En Bai)

### **Other Research in Progress**

1. “Identification and Estimation of Social Network Models with Crowding out Effects among Peers” (with Xiaoyi Han, Lung-fei Lee and Bruce Weinberg)
2. “Peer Effects among Coworker Networks”
3. “Multiple Imputation for Spatial Missing Data”
4. “Spillover Effects in Market Penetration of Medicare Advantage Plans among US Counties” (with Qianwei Shen)

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5. “Online Social Interactions” (with Chih-Sheng Hsieh)
  6. “Random Coefficient Spatial Autoregressive Models” (with Chih-Sheng Hsieh)
  7. “Social Interaction Models with Model-based Clustering” (with Chih-Sheng Hsieh)

### **Research Grants**

- University Research Grant, Wayne State University, 2011
- Summer Research Grant, Department of Economics, Wayne State University, 2009-2011
- National Natural Science Foundation of China Research Grant (grant number: 70701020), “Analyzing Social Interactions and Social Networks by Spatial Autoregressive Models”, 2008
- World Bank Research Grant (with Chong-En Bai), “Capital Allocation, Regional Specialization and Spillover Effects in China”, *World Development Report* background paper, 2008
- Outstanding Research Fellow Grants, Tsinghua University, 2007
- Research Grant for Returned Overseas Chinese Scholars, Tsinghua University, 2006-2007

### **Conference and Seminar Presentations**

- Conference Presentations:
  - Midwest Econometrics Group Meeting, Columbus, OH, October 2019
  - Big Data and Society Management Conference, Zhongnan University of Economics and Law, P. R. China, July 2019
  - Midwest Econometrics Group Meeting, Madison, WI, October 2018
  - Add Health Users Conference, Bethesda, MD, June 2016
  - The Workshop on Social Identity and Social Interactions in Economics, Quebec City, Canada, April 2016 (invited)
  - The IX World Conference of the Spatial Econometrics Association, Miami, FL, May 2015
  - Midwest Economics Association Conference, Columbus, OH, March 2013
  - American Economic Association Annual Meeting, San Diego, CA, January 2013
  - Midwest Econometrics Group Meeting, Lexington, KY, September 2012
  - IZA Economics of Leadership Workshop, MIT, Cambridge, MA, August 2012
  - Add Health Users Conference, Bethesda, MD, July 2012
  - International Economic Association 16<sup>th</sup> World Congress, Beijing, P. R. China, July 2011

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- Midwest Econometric Group 16th annual meeting, Cincinnati, OH, October 2006
  - Far Eastern Meeting of the Econometric Society, Beijing, P. R. China, July 2006
  - Midwest Econometric Group 15th annual meeting, Carbondale, IL, October 2005
  - Canadian Economics Association 39th annual meetings, Hamilton, Canada, May 2005
  - Seminar Presentations:
    - Cornell University, Ithaca, NY, November 2019
    - Zhongnan University of Economics and Law, P. R. China, July 2019
    - University of Kentucky, Lexington, KY, March 2018
    - Zhongnan University of Economics and Law, P. R. China, July 2017
    - Virginia Tech, Blacksburg, VA, January 2017
    - University of South Florida, Tampa, FL, March 2016
    - Queens College, City University of New York, New York, NY, October 2015
    - University of Windsor, Windsor, Ontario, Canada, October 2013
    - Southwestern University of Finance and Economics, Chengdu, P. R. China, April 2009
    - University of California—Riverside, Riverside, CA, January 2009
    - Wayne State University, Detroit, MI, January 2009
    - Central Michigan University, Mount Pleasant, MI, February 2009
    - Peking University, Beijing, P. R. China, June 2007
    - University of Alberta, Edmonton, Alberta, Canada, February 2006
    - The Ohio State University, Columbus, OH, October 2005

### **Teaching Experience**

- Instructor, Department of Economics, Virginia Tech
  - Economics of Health Care, F17, S18, S19, S20, F20
  - Advanced Topics in Labor Economics, F18
  - Labor Economics, F19, F20
- Instructor, Department of Economics, Wayne State University
  - Econometrics I (Ph.D. level), W10, W11, W12, W14, W15, W16
  - Econometrics II (Ph.D. level), F09, F10, F11, F12, F13, F14, F15, F16
  - Introductory Statistics and Econometrics, F10, W11, F11, W12, F12, F13, W14, W15, F15, W16, F16
- Instructor, Department of Economics, Tsinghua University
  - Intermediate Microeconomics, F06, F07, SP09
  - Labor Economics, SP07, F08, SP09
- Instructor, Department of Economics, The Ohio State University
  - Intermediate Microeconomics, SU05, SP05, W05
  - Principles of Microeconomics, SU02
- Teaching Assistant, Department of Economics, The Ohio State University

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- Principles of Microeconomics, SP02, W02, F01
  - Money and Banking, W03, F02
  - Probability Theory (Ph.D. level), F05
  - Advanced Econometrics (Ph.D. level), SP03

### **Dissertation Supervision**

- Asal Pilehvari, Co-chair, Virginia Tech, Ph.D. in progress
- He Jiang, Chair, Virginia Tech, Ph.D. in progress
- Shan Jin, committee member, Virginia Tech, Ph.D. in progress
- Sakshi Upadhyay, committee member, Virginia Tech, Ph.D. in progress
- Sunjin Kim, committee member, Virginia Tech, Ph.D. in progress
- Muchin Bazan, committee member, Virginia Tech, Ph.D. in progress
- Nazanin Sedaghatkish, committee member, Virginia Tech, Ph.D. in progress
- Azat Nurmukhametov, committee member, Virginia Tech, Ph.D. in progress
- Jihu Zhang, Chair, Wayne State University, Ph.D. 2020
- Nasim Baghban Ferdows, committee member, Wayne State U, Ph.D. in progress
- Maryam Jafari Bidgoli, committee member, Wayne State University, Ph.D. in progress
- Ablaye Camara, committee member, Wayne State University, Ph.D. in progress
- Qianwei Shen, committee member, Wayne State University, Ph.D. 2015
- Lizi Wu, committee member, Wayne State University, Ph.D. 2014
- Meenakshi Beri, committee member, Wayne State University, Ph.D. 2012
- Jin Luo, committee member, Wayne State University, Ph.D. 2010

### **Other Professional Activities**

- **Journal Referee for:**

*American Journal of Education*  
*Econometric Reviews*  
*Economics Letters*  
*Economics of Education Review*  
*European Economic Review*  
*European Sociological Review*  
*International Regional Science Review*  
*Journal of Applied Econometrics*  
*Journal of Business & Economic Statistics*  
*Journal of Econometrics*  
*Journal of Economic Behavior and Organization*  
*Journal of Human Capital*  
*Journal of Statistical Computation and Simulation*  
*Journal of the American Statistical Association*  
*Journal of the European Economic Association*  
*Oxford Bulletin of Economics and Statistics*  
*Review of Economics and Statistics*

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*Review of Network Economics*  
*Spatial Economic Analysis*  
*The Economics of Transition*  
*The Social Science Journal*  
*South China Journal of Economics (in Chinese)*

• **Funding Agency Referee for:**

*National Science Foundation (NSF)*  
*Research Grants Council of Hong Kong (RGC)*  
*National Natural Science Foundation of China (NSFC)*  
*Social Sciences and Humanities Research Council of Canada (SSHRC)*

• **External Examiner for:**

*The Chinese University of Hong Kong*  
*Shanghai University of Finance and Economics*

• **Textbook Reviewer for:**

*“Microeconomics and Behavior”* (8th ed) by Robert Frank, 2009.  
*“Health Economics”* by Jeffrey Harris, 2018.

• **Editorial Board Member:**

*Journal of Stock & Forex Trading*, 2011-Present.

• **A member of the Editorial Board of two books:**

*“Analysis and Forecast of China’s Economic Growth in 2000”* and  
*“Trends and Prospects of China’s Social Development in 2000”*,  
Jingwen Li (Ed.), Unity Press, Beijing, China, 1999.

• **Conference Co-organizer:**

The 2009 Tsinghua Workshop in Econometrics, Tsinghua University,  
Beijing, P. R. China, May 31-June 1, 2009.

• **Served as Mentor for:**

The Junior Female Economist Mentoring Workshop at Midwest  
Econometrics Group Meeting, Columbus, OH, October 2019.

• **Professional Societies:**

Research Fellow, Global Labor Organization (GLO);  
Human Capital and Economic Opportunity Global Working Group  
(HCEO) Member.

• **Seminar Coordinator:**

Department of Economics, Wayne State University, Winter 2012 and  
2016.

• **Department Committee Membership:**

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Faculty Annual Review Committee, Department of Economics,  
Virginia Tech, 2017-present.  
Hiring Committee Chair, Department of Economics, Virginia Tech,  
2017-2018.  
Graduate Committee, Department of Economics, Virginia Tech, 2017-  
present.  
Salary Committee, Department of Economics, Wayne State University  
2010-2011, 2016-2017  
Budget Committee, Department of Economics, Wayne State University  
2013-2014.  
Mathematics Economics Committee, Department of Economics, Wayne  
State University 2015-2017.  
Personnel Committee, Department of Economics, Wayne State  
University 2016-2017.

### **Fellowships, Awards, and Honors**

- Excellence Teaching Award (with David D. Li), Tsinghua University, 2008
- G. S. Maddala Prize in Econometrics, Department of Economics, The Ohio State University, 2005
- Conference Travel Grant, Department of Economics, The Ohio State University, 2005
- University Fellowship, The Ohio State University, 2000-2001
- Sumitomo Bank Scholarship, Renmin University of China, 1999
- Guang-Hua Scholarship, Renmin University of China, 1998
- Distinguished Undergraduate Student of Beijing Award, Renmin University of China, 1997
- Baoshan Iron & Steel Co. Scholarship, Renmin University of China, 1996
- Outstanding Student Scholarship, Renmin University of China, 1995 and 1996
- Academic Scholarship, Renmin University of China, 1994 and 1995