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Ke Lyu

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Ph.D. Economics, University of Nevada-Reno, USA, 09/2020-Expected 05/2026
MSc Economics, University of Edinburgh, UK, 09/2018-06/2019
BSc Public Finance, Shandong University of Finance and Economics, China, 09/2014-06/2018

FIELDS

Labor Economics, Economics of Entrepreneurship, Public Economics, Health Economics

REFERENCES

Frank M. Fossen

Professor
University of Nevada, Reno
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Robert W. Fairlie

Professor
University of California, Los Angeles
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Shunfeng Song

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Sankar Mukhopadhyay

Professor
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PERSONAL INFORMATION

Affiliation U.S. Census Bureau Special Sworn Status (2025.05-)

PUBLICATIONS

Journal Articles

- 2023 **Lyu, Ke.** (2023). Social capital and self-employment dynamics in China. *The Chinese Economy*, 56(6), 459–485. <https://doi.org/10.1080/10971475.2023.2227028>
- 2024 Liu, X., Jia, X., **Lyu, Ke**, Guo, P., & Shen, J. (2024). The impact of low-carbon city pilot policy on urban energy transition: An analysis of multiple mediating effects based on “government–enterprise–resident”. *Energy, Ecology and Environment*, 1–20. <https://doi.org/10.1007/s40974-024-00316-w>

- 2024 Liu, X., Jia, X., **Lyu, Ke**, Guo, P., Shen, J., & Wang, G. (2024). Towards sustainable development: The spatial spillover effects of low-carbon city pilot policy on urban energy transition. *Environment, Development and Sustainability*, 1–34.
<https://doi.org/10.1007/s10668-024-04816-x>

WORKING PAPERS

- Lyu, Ke**. (2025). From vice to venture: Evaluating the impact of smoking and drinking on self-employment in China [Under review at Contemporary Economic Policy]
- Flanigan, R. M., Fossen, F. M., & **Lyu, Ke**. (2025). Local credit supply shocks discourage startups from loan applications [Reject and resubmit at Journal of Banking & Finance]
- Fairlie, R., Fossen, F. M., & **Lyu, Ke**. (2025). A tale of two startups: The loss and gain of startups in the U.S. economy in the pandemic [Under review at PNAS Nexus]
- Liu, X., Jia, X., & **Lyu, Ke**. (2024). Can digital intelligence transformation inspire green innovation in new energy companies?
- Liu, X., Jing, C., & **Lyu, Ke**. (2024). The impact of green finance on the efficiency of corporate green innovation: A two-stage value chain perspective

WORK IN PROGRESS

- Lyu, Ke** & Fossen, F. (n.d.). How do minimum wages affect nonemployer business establishments and transitions in the United States?
- Can, E., **Lyu, Ke**, Pham, H., & Yang, J. (n.d.). The effects of 2012 Kansas income tax reform on different types of entrepreneurship: Evidence from the Current Population Survey
- Fairlie, R., Fossen, F., Johnston, A., & **Lyu, Ke**. (n.d.). The effect of policy on entrepreneurship: Evidence from the universe of U.S. startups
- Lyu, Ke**, Song, S., & Zhang, M. (n.d.). Evaluating the impact of China's targeted poverty alleviation program on unincorporated businesses

RESEARCH CONFERENCES AND WORKSHOPS

- 2025 Selected Participant, NBER Innovation Research Boot Camp, Cambridge, MA, USA
- 2025 The 6th Society of Labor Economists (SOLE) Annual Meeting, Toronto, Canada
- 2025 The 100th Western Economic Association International Annual Conference, San Francisco, CA, USA
- 2025 The 45th Babson College Entrepreneurship Research Conference, Wellesley, MA, USA
- 2025 The 5th Winter UCLA Price Research Conference, Los Angeles, CA, USA
- 2024 The 3rd SBEJ Online Conference for Young Researchers
- 2024 Selected Participant, CSWEP Mentoring Workshop for 3rd-Year and Beyond Women & Non-Binary Econ PhD Students, SEA, Washington D.C., USA
- 2024 The 94th SEA Annual Meeting, Washington D.C., USA

- 2024 The 2nd REGIS Summer School, Madrid, Spain
- 2023 The 98th Western Economic Association International Annual Conference, San Diego, CA, USA

AWARDS

Awards and Honors

- 2025 Outstanding Graduate Student Award, University of Nevada, Reno
- 2024 Jack Boland Endowed Scholarship in Economics, University of Nevada, Reno
- 2023 Professor Emeritus Endowed Scholarship in Economics, University of Nevada, Reno
- 2023 Graduate Student Association Travel Award, University of Nevada, Reno
- 2022 Department of Economics Best Second Year Paper Award, University of Nevada, Reno
- 2022 Nominated for Graduate Dean's Merit Scholarships, University of Nevada, Reno
- 2020 Ph.D. Graduate Assistantship, University of Nevada, Reno

TEACHING

Primary Lecturer

- Summer 2025 Department Math Camp (for 1st year Ph.D. and Masters)
- Summer 2025 ECON 303 Intermediate Macroeconomics
- Summer 2023 ECON 261 Principles of Statistics (Overall Score: 3.5/4)
- Summer 2023 Department Math Camp (for 1st year Ph.D. and Masters)
- Spring 2023 ECON 103 Principles of Macroeconomics (Overall Score: 3.3/4)
- Fall 2022 ECON 261 Principles of Statistics
- Summer 2022 Department Math Camp (for 1st year Ph.D. and Masters)

Teaching Assistant

- Fall 2024 ECON 743 Applied Microeconometric Methods
- Spring 2022 ECON 365 Labor Economics
- Fall 2021 ECON 702 Advanced Microeconomics
- Fall 2021 ECON 261 Principles of Statistics

REVIEWING

Applied Economics, Asian Economic Journal, Journal of Entrepreneurship in Emerging Economics, Sustainable Cities and Society

RESEARCH EXPERIENCE AND ASSISTANTSHIP

08/2022-Present Team Member in the research project “Which labor market policies affect entrepreneurial job creation in different communities?,” sponsored by the Ewing Marion Kauffman Foundation

04/2020-06/2021 Research Assistant in Southern University of Science and Technology, China

09/2019-03/2020 Research Assistant in Chinese Academy of Agricultural Sciences, China

CERTIFICATES

2018 Strategic Professional Certificate, The Association of Chartered Certified Accountants (ACCA)

SKILLS

Programming Stata, Python, R, LaTeX

Languages English (Fluent), Mandarin (Native), Korean (Basic)