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Social network and radical innovation: evidence from the U.S. pharmaceutical and biotechnology industry

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Curriculum Vitae

Jia Zhang was born in Changge, China in 1992. She had lived and studied in this city until she graduated from high school in 2011. In the same year, she started her study in Administrative Management at Chang'an University and received her bachelor's degree in Management in 2015. After her undergraduate study, she earned admission to the University of Science and Technology of China (USTC), being exempted from the postgraduate entrance examination. In USTC, she continued her study in Public Administration under the supervision of Assoc. Prof.dr. Xiaobao Peng and received her master's degree in Management Science in 2018. In September 2018, she came to the Netherlands and started her PhD journey in Science Based Business Program at Leiden University. Under the supervision of Prof.dr. Simcha Jong Kon Chin and Dr. Jian Wang, she focuses on social network and radical innovation research.

List of Publications

Manuscripts submitted for publication

- Zhang, J., Wang, J., Winnink, J.J., & Jong, S. Collaboration networks and radical innovation: Two faces of tie strength and structural holes.
- Zhang, J., Wang, J., Winnink, J. J., & Jong, S. Turning creative ideas into successful innovations: Differential effects of network structure for radical and incremental innovation.
- Zhang, J., Wang, J., & Jong, S. Patent radicalness and private value: Unpacking destructiveness and dissimilarity effects.

Scientific contributions in conferences

Oral presentations

- Turning creative ideas into successful innovations: Differential effects of network structure for radical and incremental innovation. DRUID Academy, 2024, Odense, Denmark.
- Collaboration networks and radical innovation: Two faces of tie strength and structural holes. DRUID, 2023, Lisbon, Portugal.
- Familiarity, disruptiveness, and stock returns. Academy of Management Annual Meeting (AOM), 2022, Seattle, USA.
- Familiarity, disruptiveness, and stock returns. PhD Workshop in Economics of Innovation, Complexity and Knowledge (WICK), 2021, Turin, Italy.

Poster presentations

Patent radicalness and private value: Unpacking destructiveness and dissimilarity effects. Summer School for Science, Technology & Innovation Studies (ST&I), 2021, Online.

PhD training

Disciplinary courses

- Bibliometrics and Scientometrics for Research Evaluation (2021, 3 ECTS)
- Statistics (2020, 2 ECTS)

- Applied linear regression models (2020, 2 ECTS)
- Empirical Research Methodology and Measurement (2019, 5 ECTS)
- Advanced Topics in Engaged Strategizing (2019, 5 ECTS)
- Developing Theory and Theoretical Contributions (2019, 5 ECTS)

Mandatory courses

- Scientific Conduct (2021)
- Negotiating for PhDs (2018)
- Communication in Science (2018)
- Effective communication (2018)

Soft skill courses

- Academic writing for PhDs (2021)
- Managing your references using Endnote (2021)

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It's time to say goodbye to my PhD journey. Looking back on this long journey full of joy and pain, I would like to express my gratitude to my supervisors, colleagues, friends, and parents.

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