

# Jinyu Gao

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Personal Website: <https://jinyugao.github.io/>

## EDUCATION

**Master of (Management), Corporate Management**, University of Chinese Academy of Sciences, Beijing, China, 2020-2023

- Thesis title: Study of scientist's mobility effects on research output.
- GPA: 3.79/4.0
- Outstanding Student Award, University of Chinese Academy of Sciences, 2021-2023, (Top 25%)

**Bachelor of (Economics), Financial Engineering**, Tianjin University of Finance and Economics, Tianjin, China, 2016-2020

- Thesis title: Price linkage characteristics between stock index and stock index futures.
- GPA: 3.64/4.0
- The Third Prize Scholarship, Tianjin University of Finance and Economics, 2016-2019, (Top 25%)
- The Third Prize of the 11th National Undergraduate Mathematics Competition (non-mathematics major), Chinese Mathematical Society, 2019, (Top 35%)

## RESEARCH INTERESTS / RESEARCH PROFILE

*My research has primarily focused on understanding the impact of scientists' career mobility on research productivity. Building on this foundation, my current research centers on investigating gender inequality in citations within scientific literatures. This includes exploring how gender dynamics affect the recognition and dissemination of scientific work. Additionally, I'm particularly interested in understanding how the recombination of knowledge within national research systems reflects distinct innovation capabilities and, in turn, affects a nation's research performance.*

*In these research areas, I employ a range of quantitative and qualitative research methods, including bibliometrics, network analysis, natural language processing and econometrics to uncover patterns and trends within the scientific community and inform evidence-based policies and practices. My ongoing research aims to contribute to a deeper understanding of the dynamics that underlie scientific progress and to offer valuable insights for enhancing research and innovation ecosystems.*

## RESEARCH EXPERIENCE

**Research Assistant**, Center for Informationalization and Information Management, Peking University, China, supervised by Prof. Yi Bu, June 2023 - now

- *The citation disadvantage of female-as-corresponding-author research teams in biology.*
- *Inequal development of national innovation capacity.*
- *Data processing for the project of Ai Fairness.*

**Teaching Assistant:** Organization Behavior, School of Economics and Management,  
University of Chinese Academy of Sciences, Beijing, China, Fall 2022

## **PUBLICATIONS**

- *Jinyu Gao, Yi Bu. The citation disadvantage of female-as-corresponding-author research teams in biology. Submitted to iConference 2024, Poster.*

## **WORKING PAPER**

- *Jinyu Gao, Yi Bu. Inequal development of national innovation capacity.*

## **SKILLS**

- *Softwares: Python, Stata, Gephi*
- *Languages: Mandarin Chinese (Native), English (IELTS 7.0)*