

# Junhao Liu

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Discipline of Finance, The University of Sydney Business School  
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## CURRENT POSITION

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Postdoctoral Research Associate, University of Sydney 2019-present  
Associate Investigator, ARC Centre of Excellence in Population Ageing Research 2020-present

## EDUCATION

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Ph.D. in Risk and Insurance, University of Wisconsin–Madison 2014-2019  
- Dissertation: “Policy Form and Rate Regulation in the Property-Liability Insurance Market”  
M.S. in Mathematical Statistics, University of Cambridge 2011-2012  
B.S. in Statistics and Mathematics (First Class Honors), University of Hong Kong 2008-2011  
SOA/CAS Actuarial Exams: P/1, FM/2, MFE/3F, 3L

## RESEARCH

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### Research Interests

Consumer Finance, Economics of Regulation, Risk Management and Insurance

### Peer-Reviewed Publications

1. **Medicaid and Long-Term Care: The Effects of Penalizing Strategic Asset Transfers**  
with Anita Mukherjee (*Journal of Risk and Insurance*, 2021)
2. **Building Financial and Health Literacy at Older Ages: The Role of Online Information**  
with Hessam Bavafa and Anita Mukherjee (*Journal of Consumer Affairs*, 2019)

### Working Papers

3. **Compliance Costs of Contract Regulation** with Ty Leverty
4. **Does Technology Adoption Save Regulatory Compliance Costs?** with Ty Leverty
5. **Impact of Mortgage Brokers on Consumer Preferences and Perceptions** with Sol Chung, Julie Agnew, Hazel Bateman, Christine Eckert, Fedor Iskhakov, and Susan Thorp
6. **Determinants of Early-Access to Retirement Savings: Lessons from the Australian Response to the COVID-19 Pandemic** with Hazel Bateman, Isabella Dobrescu, Ben R. Newell, and Susan Thorp

### Research in Progress and Other Publications

7. **Political Uncertainty and Insurance Prices** with Ty Leverty
8. **Insurance Regulation and Delay in Claims Payment** with Anastasia Ivantsova and Ty Leverty

9. **Annuities: Whose Cup of Tea?** (*Retirement Income Institute Literature Review, December 2020*)
10. **20K now or 50K later? What's driving people's decision to withdraw their super?** with Hazel Bateman, Robbie Campo, David Constable, Isabella Dobrescu, Ailsa Goodwin, Ben R. Newell, and Susan Thorp (*CEPAR Industry Report 2020/1*)
11. **Reverse Mortgages** with J. Michael Collins and Anita Mukherjee (entry prepared for the *Encyclopedia of Gerontology and Population Aging (section: Social Security and Pension Systems), published by Springer, March 2019*)

## **Conference and Seminar Presentations**

American Risk and Insurance Association (ARIA) Annual Meeting	2021 (scheduled)
China International Risk Forum (CIRF)	2021 (scheduled)
China International Conference on Insurance and Risk Management (CICIRM)	2021 (scheduled)
Society for Experimental Finance Annual Meeting	2021
Sydney Experimental and Behavioral Research Group Seminars	2021
Philip Brown Seminar, The University of Western Australia	2021
28th Colloquium on Pensions and Retirement Research, CEPAR-UNSW Sydney	2020
World Risk and Insurance Economics Congress (WRIEC) Virtual Conference	2020
The University of Sydney Finance Discipline Brownbag	2020
Pensions, Retirement and Ageing seminar, CEPAR-UNSW Sydney	2019
Research School of Economics, Australian National University, Canberra	2019
European Association of Law and Economics (EALE)-The Geneva Association Joint Seminar, Milan	2019
Journal of Consumer Affairs (JCA)-Financial Literacy and Education Commission (FLEC) Research Symposium, Washington, D.C.	2019
Southwestern Finance Association (SWFA) Annual Conference, Houston	2019
Department of Economics, University of Wisconsin–La Crosse	2018
Wisconsin School of Business, University of Wisconsin–Madison	2018
American Risk and Insurance Association (ARIA) Annual Meeting, Chicago	2018
Asia-Pacific Risk and Insurance Association (APRIA)–Insurance Risk and Finance Research Centre (IRFRC) Joint Conference, Singapore	2018

## **Referee Service & Other Academic Activities**

- Referee, *North American Actuarial Journal*
- Referee, *Journal of Consumer Affairs*
- Referee, *Journal of Pension Economics and Finance*
- Referee, *Journal of Financial Counseling and Planning*
- Ad hoc Referee, *The Journal of the Economics of Ageing*

Hagen Travel Award Committee, American Risk and Insurance Association	2020
Invited Participant, Financial Management Association (FMA) Doctoral Student Consortium	2018
Invited Participant, Ph.D. Student Research Symposium, University of Georgia	2018
Annual CEAR-Huebner Summer Risk Institute, Georgia State University	2017
Invited Participant, Price Theory Summer Camp, University of Chicago	2016

## Research Assistance & Undergraduate Research

Research Assistant for Professor Anita Mukherjee, Wisconsin School of Business	2017-2019
Research Assistant for Professor Peng Shi, Wisconsin School of Business	2015
Project Manager, Research in Industrial Projects for Students, Institute for Pure and Applied Mathematics, University of California, Los Angeles	2010

## TEACHING AND SUPERVISION

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<b>Course Coordinator and Lecturer, BUSS4001 Business Honours Research Methods,</b> University of Sydney Business School	2021
- Foundational research design and methodology class for Business Honours students	
<b>Honours Thesis Supervisor,</b> University of Sydney Business School	2021
<b>Teaching Assistant, RMI 300 Principles of Risk Management,</b> UW-Madison	2018-2019
- Core course for the Risk Management and Insurance major	
- Developed weekly in-class exercise, homework, and exam questions	
<b>Lecturer, ACT SCI 300 Actuarial Science Methods I,</b> UW-Madison	2017
- University-wide Actuarial Exam P (Probability) review course	
- Developed the syllabus, lecture notes, weekly in-class and homework exercises	
<b>Head Teaching Assistant, GEN BUS 306 Business Analytics I,</b> UW-Madison	2017
- Core course on analytical skills for business undergraduates	
- Planned weekly discussion sections and coordinated fellow TAs in teaching	
<b>Teaching Assistant, GEN BUS 306 Business Analytics I (5 Semesters),</b> UW-Madison	2015-2017
- Received <b>Dean's letter of recognition</b> for designing and implementing an auto-grading system of case projects for 600+ students each semester	
- Developed weekly discussion sections and taught 500+ students in 5 semesters	

## FELLOWSHIPS AND AWARDS

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Distinguished Teaching Award, Wisconsin School of Business	2016
Spencer Pre-Dissertation Ph.D. Scholarship, Spencer Educational Foundation	2015
Robert Bruce Wisconsin Distinguished Graduate Fellowship, UW-Madison	2014
Finalist, S. T. Yau College Student Mathematics Contest (among top 12 undergraduate students in mathematics in China)	2014

## INDUSTRY EXPERIENCE

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- Conducted more than 20 consulting projects on auto-insurance pricing and risk segmentation, insurance reserve modeling, health insurance experience study and portfolio review in Greater China, Southeast Asia, and the U.S.

*Last updated: July 08, 2021*