

# Mingtao Xu

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| CONTACT INFORMATION   | B220 Lihua Building,<br>School of Economics and Management, Tsinghua University,<br>Haidian District, Beijing 100084, China.   | <a href="mailto:xumt@sem.tsinghua.edu.cn">xumt@sem.tsinghua.edu.cn</a><br><a href="http://www.mingtaoxu.com">www.mingtaoxu.com</a> |
| ACADEMIC POSITIONS    | Associate Professor without Tenure<br>Assistant Professor<br>Department of Innovation, Entrepreneurship, and Strategy,<br>School of Economics and Management, Tsinghua University.<br><br>Assistant Professor<br>Rucks Department of Management, E. J. Ourso College of Business, Louisiana State University.<br><br>Lecturer<br>Krannert School of Management, Purdue University.   | 2024–<br>2021–2024<br><br><br><br>2020–2021<br><br>2018–2019   |
| EDUCATION             | Ph.D. in Strategy, minor in Economics, Purdue University.<br>• Dissertation: Essays on Patent Litigation, Patent Monetization, and Entrepreneurial Firms.<br>• Committee: Richard Makadok (Co-chair), Tony W. Tong (Co-chair), Thomas Brush, Umit Ozmel.<br><br>M.S. in Business Administration, Emory University.<br>• Doctoral program in Organization and Management.<br><br>M.S. in Statistics, M.S. in Economics, Georgia Institute of Technology.<br><br>B.A. in Economics, University of International Business and Economics (UIBE). | 2020<br><br><br><br>2015<br><br>2013<br>2011   |
| RESEARCH INTERESTS    | Property Rights, Litigation, AI and Strategy, Entrepreneurial Firms.   |  |
| PUBLICATIONS          | 1. How Property Rights Matter to Firm Resource Investment: Evidence from a Property Law Enactment, with Tony Tong and Wenlong He, <i>Organization Science</i> , 2022, 33(1), 293-310.<br>2. Substituting Human Decision-Making with Machine Learning: Implications for Organizational Learning, with Natarajan Balasubramanian and Yang Ye, <i>Academy of Management Review</i> , 2022, 47(3), 448-465.<br>3. Property Rights and Firm Scope, with Tony Tong and Zhimin Li, <i>Journal of Management</i> , 2025, 51(2), 637-669.             |  |
| PRACTITIONER ARTICLES | 1. 数字化赋能医药行业：打破信息壁垒，助力医疗公平, with Xinyu Yang and Peng Wang, <i>Tsinghua Business Review</i> , 2024, (6), 22-27.<br>2. Why DeepSeek Shouldn't Have Been a Surprise, with Prithwiraj (Raj) Choudhury and Natarajan Balasubramanian, 2025, <i>Harvard Business Review (Online)</i> .   |  |
| WORKING PAPERS        | 1. Scaling Human Capital: Codified Selves and Value Creation and Appropriation, with Prithwiraj Choudhury and Natarajan Balasubramanian, <i>R&amp;R</i> .<br>• Presentations: BYU Winter Strategy Conference, MOR Workshop at Renmin University, OSU AI in Business Conference <sup>†</sup> .<br>2. Patent Litigation and Entrepreneurial Venture Financing, with Tony Tong and Huiyan Zhang, <i>R&amp;R</i> .<br>• Presentations: CEIBS, Shanghai Jiaotong University, SHUFE, ShanghaiTech; SMS, AOM,                                       |  |

GIIP, UESTC, Peking University NSD, U Hawaii, ISA, Renmin University Business School and School of Finance.

3. Shadow of Crisis: The Spillover Effect of Patent Litigation on Patent Strategies, with Yifan Liu, Aija Leiponen, and Yolanda Xue.
  - Presentations: Strategy Science Conference, Wharton Technology and Innovation Conference<sup>†</sup>, DRUID, AOM, IACMR, HKUST Guangzhou, Fudan SOM, CEIBS.
4. Trolling for Dollars: A Theory of Patent Monetization, Competing Business Models, and Non-Practicing Entities, with Richard Makadok .
  - Presentations: SMS, INFORMS, AOM, Munich Summer Institute (Poster), Strategy Science Conference (Poster), Tsinghua, UIBE.
5. Scope of Intellectual Property Rights and Litigating Monetization: Evidence from AIA and Patent Trolls, with Tony Tong.
  - Presentations: Erasmus University, SHUFE, Wharton Corporate Strategy and Innovation Conference (Poster), Wharton Innovation Doctoral Symposium, Penn Wharton China Center Innovation and IP Conference, Peking University, Purdue Strategy Area Proseminar, SMS, AOM.
6. Alignment and Divergence in Government and Private Venture Capital: The Amplifying Role of Geopolitical Risks, with Tan Li and Victor Cui.
  - Presentations: AOM, ISA, Peking University, Shanghai Tech.
7. Taking Stimulants: Hedge Fund Activism and Patent Litigations, with Yurun Tian and Kubilay Cirik.
  - Presentations: CUHK Shenzhen, AOM.
8. Employee Expertise and New Venture Innovation, with Yuchen Zhang, Stephanie Cheng, and Natarajan Balasubramanian.
9. Agglomeration Density and Business-Consumer Matching: Evidence from Yelp (Inactive).
  - North American Meetings of the Regional Science Association.

#### WORK IN PROGRESS

1. Domain Expertise and AI Commercialization, with Natarajan Balasubramanian.
  - Presentations: OSU<sup>†</sup>, ISA, SMS.
2. Executives and AI.

<sup>†</sup> Presentations by coauthors.

#### GRANTS

1. AI Commercialization and Human Resources, PI, Tsinghua University Initiative Scientific Research Program, 2025-2027.
2. Patent Litigation and Firms' Acquisition of Resources, PI, Beijing Municipal Science & Technology Commission, 2024-2025.
3. Medical AI Entrepreneurial Firms, PI, Tsinghua University SEM Research Grant, 2024-2025.
4. Tsinghua University Junior Faculty Startup Research Fund, PI, 2021-2024.

#### HONORS AND AWARDS

AliResearch Young Academics Project, Alibaba, 2022-2023.  
 Distinguished Student Paper Award, STR Division, Academy of Management, 2019.  
 Best Paper Runner-up, Wharton Innovation Doctoral Symposium (WINDS), 2019.  
 Best Paper Proceedings, STR Division, Academy of Management, 2019.  
 Bilsland Dissertation Fellowship, Purdue University Graduate School, 2019-2020.  
 Ph.D. Student Service Award, Krannert School of Management, Purdue University, 2019.

Outstanding Research Award, Krannert School of Management, Purdue University, 2018 and 2019.  
 Krannert Certificate for Distinguished Teaching, Purdue University, 2018 Spring and 2018 Fall.  
 Graduate Assistantship, Purdue University, 2016-2019.  
 Outstanding Reviewer Award, BPS Division, Academy of Management, 2016.  
 Laney Graduate School Fellowship, Emory University, 2013-2015.  
 Graduate Research Assistantship, Georgia Institute of Technology, 2012-2013.  
 University Scholarship, University of International Business and Economics, 2008-2010.

#### CONFERENCES AND SEMINARS

##### **2025**

- AOM, DRUID, Strategy Science Conference, Renmin University, IACMR, BYU Winter Strategy Conference, GIIP Conference, MOR Workshop, INSEAD Doriot Entrepreneurship Conference (Scheduled).

##### **2024**

- Renmin University, Shanghai Jiaotong University, UESTC, UIBE, GIIP Conference, GEIRC, SMS Seoul PDW, AOM, SMS, ISA.

##### **2023**

- Guanghua Workshop in Global Innovation and Strategy, PHBS Workshop in Management, SWUFE, UESTC, ShanghaiTech, AOM International Management JFC, Zhejiang University, IACMR, University of Colorado, ISA, HKUST Guangzhou, CUHK Shenzhen, CEIBS

##### **2022**

- IACMR Macro Workshop; School of Management, Fudan University; School of Business, Shandong University; National School of Development, Peking University; AOM STR Junior Faculty Consortium; University of Hawaii; Tsinghua-Rice Joint Research Center.

##### **2021**

- Erasmus University; Tongji University SEM; Tsinghua; AOM TIM Junior Faculty Consortium.

##### **2020**

- Peking University NSD; SMS; CEIBS; Antai School, Shanghai Jiaotong University; College of Business, Shanghai University of Finance and Economics (SHUFE); ShanghaiTech.

##### **2019**

- Wharton Corporate Strategy and Innovation Conference; INFORMS; SMS; Wharton Innovation Doctoral Symposium (WINDS); AOM STR Dissertation Consortium; Wharton China Center Innovation and Intellectual Property Conference; Guanghua School of Management, Peking University; Munich Summer Institute; Northwestern University Research Conference; Strategy Science Conference.

##### **2018**

- AOM TIM Doctoral Consortium; Krannert Doctoral Research Symposium; Tsinghua University; School of International Trade and Economics, UIBE; IACMR; Renmin Business School, Renmin University of China; Purdue Strategy Doctoral Alumni Conference; Purdue Strategy Proseminar.

##### **2017**

- SMS; Purdue Strategy Area Proseminar.

#### TEACHING

##### **Tsinghua**

- AI Strategic Management (Undergraduate), 2026-.
- Strategic Management (Undergraduate), 2024-.
- Strategic Management (Master's), 2022-.

- Management Research Method II (PhD), 2022-.
- Current Research in Strategic Management (PhD), 2023-.
- Global Strategy and Organizations (Master's), 2022-2023.

#### LSU

- Strategic Management (Undergraduate), 2020-2021.

#### Purdue

- Strategic Management (Undergraduate), 2018.

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| OTHER EXPERIENCES        | Founding Board Member, Precision MedCare.   | 2017-2021 |
|                          | Research Assistant to Richard Makadok, Purdue University, USA.  | 2016-2019 |
|                          | Research Assistant to Tony Tong, Purdue University, USA.  | 2016-2017 |
|                          | Business Manager, Shaolin Institute, Norcross, GA, USA.   | 2016      |
|                          | Research Assistant to Vivek Ghosal, Georgia Institute of Technology, USA.   | 2012-2013 |
|                          | Student Athlete Tutor, Georgia Tech Athletic Association, Atlanta, GA, USA.   | 2012      |
|                          | Lecturer, Beijing New Oriental School, Beijing, China   | 2010-2011 |
| PROFESSIONAL SERVICES    | Editorial Board Member, Management and Organization Review, 2022-.  |           |
|                          | Reviewer: Academy of Management Review, Management Science, Organization Science, Strategic Management Journal, Journal of Management, Management and Organization Review, Long Range Planning, Asia Pacific Journal of Management, Journal of Systems and Management (Chinese), Empirical Economics, AOM, SMS. |           |
| OTHER SERVICES           | MiM Program Committee, Tsinghua University, 2022-.  |           |
|                          | Department Research Seminar Committee, Tsinghua University, 2021-.  |           |
|                          | President of Krannert Doctoral Student Association, Purdue University, 2018-2019.   |           |
|                          | Co-organizer of Purdue Strategy Doctoral Alumni Reception at AOM, 2019.   |           |
|                          | Senator of Department of Management, Purdue Graduate Student Government, 2017-2018.   |           |
| TECHNICAL SKILLS         | R, Mathematica, ArcGIS, MySQL, Stata, Python, Matlab, SAS, L <sup>A</sup> T <sub>E</sub> X.   |           |
| PROFESSIONAL MEMBERSHIPS | AOM, SMS, AEA, INFORMS, IACMR, ISA.   |           |
| LANGUAGES                | English, Chinese.   |           |
| HOBBIES                  | Kendo, Cartography.   |           |
|                          | Updated: July. 2025.  |           |