

AN YU CHEN

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Alliance Manchester Business School, Booth Street West, Manchester, UK, M15 6PB

Current Position

Sept 2021-Present **Doctoral Researcher** in Innovation
Alliance Manchester Business School, **University of Manchester**

Education and Qualifications

Sept 2021-Present **PhD** in Science, Technology and Innovation Policy
Alliance Manchester Business School, **The University of Manchester**
Supervisory Team: Cornelia Lawson and Silvia Massini
Thesis: *How does the interaction between science and technology manifest in emerging and green technologies?*

Sept 2013-Oct 2015 **MSc** in Business Administration in Technology Management
College of Technology Management, **National Tsing Hua University**

Sept 2010-Jul 2013 **BS** in Economics
College of Technology Management, **National Tsing Hua University**

Jan 2015-Jun 2015 **Exchange Student** in Management
School of Management, **Fudan University**

Working Experiences

May 2024-Dec 2024 **Research assistant**, Business School, **The University of Manchester**
- Engaged in a database project: UK Doctoral Graduates' Contribution to Innovation
- Gained experience with ProQuest download processes and coding in TDM Studio
- Verified text mining data by checking Scopus author profiles
- Analysed data used R and wrote the report

Apr 2023-Jan 2024 **Research assistant**, Business School, **The University of Manchester**
- Engaged in an ICSR Lab by Elsevier project led by Prof. Cornelia Lawson
- Used PySpark in ICSR Lab to research into data on multiple affiliations (MAs)

Sept 2023-Jan 2024 **Teaching assistant**, Computer Science Department, **The University of Manchester**
- Assisted in delivering the undergraduate Database System course
- Marked assignments on database design
- Supported lab sessions with Dr. Gareth Henshal

Sept 2017-Jan 2020 **Student Research assistant**, **National Taiwan University**
- Assisted in delivering the undergraduate Business Management course
- Analysed publication data in Taiwan and researched into management implications
- Assisted Journal Editor (Prof. Bou-Wen Lin) for
Taiwan Hsinchu Industry and Management Forum

Aug 2015- Jul 2016 **Customer Service Specialist**, **Booking.com**
- Developed strong customer service skills
- Communicated with several hotel partners to resolve customer issues

Working Papers

Chen, A. Y., Lawson, C., & Massini, S. (Year). Understanding the connection: How scientific foundations drive innovation in green technologies? [Working paper]. Targeted journal: Research Policy (RP).

Chen, A. Y., Lawson, C., & Massini, S. (Year). Understanding the characteristics of green scientific knowledge base and connections to technologies [Working paper]. Targeted journal: Research Policy (RP).

Chen, A. Y., Lawson, C., & Massini, S. (Year). Science Usage in Green Technologies: How do gender dynamics in patent inventor teams influence the use of science? [Working paper]. Targeted journal: Research Policy (RP).

Conference and Seminar Papers (recent)

Chen, A. Y. (2024). The nexus between science and technology: How are synergies manifesting between the scientific foundations and innovations in green technologies? Paper presented at the DRUID24 conference, 2024

Chen, A. Y. (2024, September 26-27). Understanding the connection: How scientific foundations drive innovation in green technologies? Paper presented at the 10th ZEW Conference on the Economics of Innovation and Patenting, Mannheim, Germany

Research Grants

RADMA Postgraduate Research Support Awards, “*PhD research expenses for the project titled: How does the interaction between science and technology manifest in emerging and green technologies?*” (July 2024)

Alliance Manchester Business School PhD Scholarships (UoM), “*PhD scholarship for my research titled: How does the interaction between science and technology manifest in emerging and green technologies?*” (2021-25)

German Academic Exchange Service (DAAD), won DAAD summer PhD internship scholarship to University Magdeburg in Germany, supervised by Prof. Sándor Vajna (Summer 2015).

Program skills

R(proficient), Python(proficient), SQL(novice)

Services and Memberships

Reviewer for Journal of Information Science