

# AN YU CHEN

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

## Current Position

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

## Education and Qualifications

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**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

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**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 Henshall

**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

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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)**

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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**

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Eu-SPRI circulation scheme-PhD circulation Awards, becoming visiting PhD student at Politecnico di Milano School of Management through the Eu-SPRI Forum Early Career and PhD Researchers Circulation program, supervised by Prof. Stefano Baruffaldi (March 2025)

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**

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

## **Services and Memberships**

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Reviewer for Journal of Information Science