

DONGMIAO ZHANG

Heinz College of Information Systems and Public Policy
Carnegie Mellon University
Hamburg Hall, Forbes Ave, Pittsburgh, PA 15213, United States
<https://dongmiaoZh.github.io/>

631 Saint James Street
Pittsburgh, PA, 15232
(617) 412-1645
dongmiaz@andrew.cmu.edu

RESEARCH INTERESTS

Primary: economics of innovation/AI, AI and the future of work, applied econometrics, network analysis

Secondary: complex systems, large language models, innovation and inequality

EDUCATION

UTRECHT UNIVERSITY	Utrecht, NL
<i>PhD, Economic Geography</i>	2020-2024
CATÓLICA LISBON SCHOOL OF BUSINESS & ECONOMICS	Lisbon, Portugal
<i>Affiliated Research Fellow</i>	2025-now
UNIVERSITÀ BOCCONI	Milan, Italy
<i>Visiting Research Fellow, Department of Management and Technology</i>	2020-2021
INGENIO (CSIC-UPV)	Valencia, Spain
<i>Visiting Research Fellow</i>	2022
LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE	London, UK
<i>Master of Public Administration, Public and Economic Policy Stream, high merit</i>	2017 -2019
BEIJING LANGUAGE AND CULTURE UNIVERSITY	Beijing, China
<i>Bachelor of Arts, English Language and Literature, 3.98/4</i>	2011-2015
UNIVERSITY OF MANCHESTER	Manchester, UK
<i>Study Abroad Program</i>	2013-2014

RESEARCH

- Who benefits from AI adoption? Skill complementarity and labour market dynamics (job market paper)
nomination for 2024 DRUID DRUID Steven Klepper Award for Best Young Scholar Paper
- Occupational Change in the AI Era: Insights from Linked Employer-Employee Data (with Nikhil George Charuvilparambil Titus, Miguel Godinho de Matos, Rahul Telang, Ramayya Krishnan, Christophe Combemale, work in progress)
- The creative destruction of Artificial Intelligence on occupations: evidence from U.S. Metropolitan Areas (with Ron Boschma and Pierre Alex Balland, work in progress)
- Regional diversification and intra-regional wage inequality in the Netherlands (with Ron Boschma and Nicola Cortinovis, published in *Regional Studies*, 2024)
- What do parents think, and do, about their children's online privacy? (with Sonia Livingstone and Alicia Blum-Ross) <http://bit.ly/LseResearch>
- Report: Inequalities in how parents support their children's development with digital technologies (with Sonia Livingstone) <http://bit.ly/LseResearch1>
- Related blog: Inequalities in the home influence children's digital opportunities <http://bit.ly/LseBlog>

GRANTS, HONORS AND AWARDS

- Marie Skłodowska-Curie Research Fellowship, 2020-2024, (177,079 euros)
- TREND – Transition with Resilience for Evolutionary Development, Horizon 2020 (9,800 euros)
- PILLARS – Pathways to Inclusive Labour Markets, Horizon 2020 (member)
- National Scholarship from China Scholarship Council (top 1%), BLCU, 2016-2017
- The First Prize Scholarship (top 5%), BLCU, 2017-2018

CONFERENCE PRESENTATION AND INVITED TALKS

AI and the Future of Work Conference - AI at Wharton, Philadelphia, 2025

RFBerlin Brownbag Seminar, Berlin, 2025

RSA Winter Conference, London, 2024

AOM, Chicago, 2024

DRUID, Nice, 2024

I.S.E.O. summer school, 2024

AI, Cognition, and the Economy (AICE), Boston, 2024

AI and Emerging Technologies: Beyond the Hype, Paris, 2024

DRUID, Lisbon, 2023

AOM, Boston, 2023

GEOINNO, Milan, 2022

GCEG, Dublin, 2022

POLISS winter and summer schools in Utrecht (2021), Milan (2022), Pecs (2022) and Stavanger (2023)

Pillars EconPol Conference: Mastering Technological and Structural Change, Brussels, 2022

Summer School on Data and Algorithms for ST&I Studies, Thessaloniki, 2021

PROFESSIONAL EXPERIENCES

CARNEGIE MELLON UNIVERSITY	Pittsburgh, USA
<i>Postdoc at Block Center for Technology and Society, Heinz College</i>	2025.01-now
UTRECHT UNIVERSITY	Utrecht, NL
<i>Start-to-teach certificate from UU, supervision of master's and bachelor's thesis</i>	2020-2024
UTRECHT PROVINCE	Utrecht, NL
<i>Intern</i>	2021
LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE	London, UK
<i>Research Assistant to LSE Director Dame Minouche Shafik</i>	2020
<i>Research Assistant to Prof. Sonia Livingstone</i>	2018
EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT	London, UK
<i>Intern, access to infrastructure and gender mainstreaming</i>	2019
EUROPE ECONOMICS	London, UK
<i>Temporary Research Officer</i>	2019
FINDETER	London, UK
<i>Capstone Consultant</i>	2019
UNITED NATIONS DEVELOPMENT PROGRAM	Istanbul, Turkey
<i>Intern, Istanbul International Center for Private Sector Development</i>	2018
XINHUANET, XINHUA NEWS AGENCY	Beijing, China

Editor & Journalist, English News Department

2015-2017

GREENPEACE EAST ASIA

Beijing, China

Intern, Climate and Energy Team

2015

EXTRA CURRICULAR AND LEADERSHIP ACTIVITIES

DEBATING

2011-2014

- Vice president of BLCU English Debating Society; Director of 1st British Parliamentary Debate @ BLCU
- Quarter Finalist judge at Manchester Intervarsity Debating Championship, Feb. 2014

SKILLS

- Software: Proficient user of SQL, Python, R, STATA, SPSS, Microsoft Office, Photoshop, Edius
- Languages: Mandarin (Native), English proficient, Spanish (basic), Japanese (basic), French (basic), Dutch (A1)