

YIN CHUN LIN

Department of Technical and Vocational Education
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Visiting Scholar
The Pennsylvania State University, USA

EDUCATION

TBA PHD CANDIDATE in Technical and Vocational Education — National Taipei University of Technology, Taiwan.

Dissertation: *The Impact of University Scientific Research on Industrial Technological Innovation: A Longitudinal Analysis of Taiwan's Biomedical Sector (1980–2019).*

2018 M.A. in Physical Education — National Pingtung University, Taiwan.

Additional Program: Special Education Teacher Preparation Program.

Thesis: *The Performance of Functional Fitness in Secondary School Students with Intellectual Disabilities in Kaohsiung City.*

2014 B.A. in Adapted Physical Education — National Taiwan Sport University, Taiwan.

ACADEMIC EXPERIENCE

Dec. 2024–May 2025 Executive Secretary — Taiwan Association for Institutional Research.

Aug. 2020–Jun. 2021 Substitute Teacher, Resource Classroom — Shan-Ding Elementary School, Taiwan.

Aug. 2018–Jun. 2020 Substitute Teacher — Wai-She Elementary School, Taiwan.

AREAS OF INTEREST

- Researchers' collaboration and knowledge networks
- Academic research and industrial innovation linkages
- Innovation systems, knowledge spillovers, and research funding
- Science and technology policy
- Higher education policy and institutional analysis
- Computational social science

METHODOLOGICAL EXPERTISE

- Computational social science
- Natural language processing (NLP) and text analysis
- Bibliometric and scientometric analysis
- Econometrics and spatial econometrics

SKILLS

Python / R / Stata / QGIS / \LaTeX

RESEARCH GRANTS AND FELLOWSHIPS

- 2024 NATIONAL SCIENCE AND TECHNOLOGY COUNCIL (NSTC), TAIWAN
Grant for Domestic Graduate Students Attending International Conferences.
Project: *Examining the Linkages between University Scientific Research and Industrial Technological Innovation: A Case Study of the Semiconductor Industry in Taiwan*.
Grant No. 113-2922-I-027-019
- 2024 NATIONAL SCIENCE AND TECHNOLOGY COUNCIL (NSTC), TAIWAN
Grant for Doctoral Students Conducting Overseas Research.
Project: *The Impact of University Scientific Research on Industrial Technological Innovation: A Longitudinal Analysis of Taiwan's Semiconductor Industry (1980–2019)*.
Grant No. 114IPFAA300002

PUBLICATIONS

Under Review

- **Lin, Y. C.**, Adeel, A. B., Quetzal, A. S., Fu, Y. C., & Baker, D. P.
International collaboration as a conduit for science–innovation coupling: Taiwan's semiconductor-related physical sciences, 1980–2019.
Under review at *Industry and Innovation*.

Peer-reviewed Articles

- 2026 Fernandez, F., Fu, Y.-C., **Lin, Y. C.**, & Chykina, V. Examining institutional academic freedom and STEM research production in the OECD. *International Journal of Educational Research*, 136, 102915. [Corresponding author]
- 2024 **林胤均**、曾國豪、王繼陶、傅遠智。書目計量數據在教育研究領域的應用與啟示。台灣教育研究期刊，5(4)，337–346。
- 2023 傅遠智、**林胤均**。我國因應世界大學影響力排名的高等教育治理方向。教育研究月刊，(353)。[Corresponding author]

Book Chapters

- 2026 Fu, Y.-C., Quetzal, A. S., **Lin, Y. C.**, & Junedi, J. Transforming higher education: The impact of generative AI on teaching and research. In *Innovative Paths to Quality Higher Education in Asia: Reform, Risks and Reinventions for a Sustainable Future* (pp. 229–253).

CONFERENCE PRESENTATIONS

- 2025 Moradel Vasquez, J., Macasaet Treana B., Fu, Y. C., **Lin, Y. C.**, & Quetzal, A. S. Unveiling the Science-Technology Link: Global patents' citation of Taiwanese University Research. Paper presented at the annual meeting of the American Educational Research Association (AERA), Denver, Colorado.
- 2025 Fu, Y. C., Quetzal, S. A., Lee, W. C., Chang, I. H., & **Lin, Y. C.** Conscription and the Labor Market Outcomes of Recent College Graduates: Evidence from one Taiwanese University. Paper presented at the annual meeting of the American Educational Research Association (AERA), Denver, Colorado.
- 2024 Wang, C. H., **Lin, Y. C.**, & Lu, P. C. Unveiling Leadership Dynamics in East Asia: A Comprehensive Analysis of Contributors, Collaborative Networks, and Dominant Styles (1980–2022). Paper presented at The Asian Conference on the Social Sciences (ACSS2024), Tokyo, Japan. [Corresponding author]

- 2024 Fu, Y. C., **Lin, Y. C.**, Quetzal, A. S., Tseng, Y. H., & Tsai, Y. S. Examining the Linkages between University Scientific Research and Industrial Technological Innovation: A Case Study of the Semiconductor Industry in Taiwan. Paper presented at the Consortium of Higher Education Researchers 36th Annual Conference (CHER), Luxembourg. [Presenter and corresponding author]

INVITED TALKS

- 2024 *Applications of Data Science in Higher Education Research*. Invited talk at the National Competition and Exhibition of Students' Practical Projects for Technological and Vocational Colleges and Universities, organized by the Ministry of Education, Taiwan.

WORKSHOPS

- 2025 *Workshop on Generative AI and GIS Applications in Institutional Research*. Invited instructor for the generative AI session in a professional workshop on emerging technologies in institutional research, National Taipei University of Technology, Taiwan.
- 2025 *Winter Workshop on Advanced Data Analytics*. Invited instructor in a two-day workshop on advanced data analytics, National Taipei University of Technology, Taiwan.

PROFESSIONAL SERVICE

- 2013–2014 President, Graduation Committee — National Taiwan Sport University. Led the planning and execution of university commencement, coordinating across administrative units and overseeing graduation logistics and events.