

# Chuang-Min Chao

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## Current Position

Associate Professor, Department of Business Management, National Taipei University of Technology

## Professional Experience

Director of Dual EMBA Degree Program (University of Texas Arlington & Taipei Tech), 2019.02.01 – 2019.07.31.

Associate Dean of College of Management, 2012.8.1-2014.1.31.

Director of International Master of Business Administration(IMBA), 2012.8.1-2014.1.31.

Associate Professor, Department of Business Management, National Taipei University of Technology, 2012/02 – now.

Assistant Professor, Department of Business Management, National Taipei University of Technology, 2002/08-2012/01.

Assistant Professor, Department of Finance, Ming Chuan University, 2001/02-2002/07.

Associate Research Fellow, Research Division One, Taiwan Research Institute, 1998/10-2001/01.

Advisor, Public Service Pension Fund, 2014-2020.

Committee Member, Science Park Administration Operating Fund Supervisory Committee, 2015-2019.

Director of the Board, Jenteh Junior College of Medicine, Nursing and Management, 2014-now.

## Education

- Ph.D. in Economics, Department of Economics, University of Rochester, Rochester, N.Y., U.S.A. (1998)
- M.A. in Economics, Department of Economics, University of Rochester, Rochester, N.Y., U.S.A. (1995)
- B.A., Department of International Trade, National Taiwan University, Taipei, Taiwan. (1991)

## Achievements

- **University Teaching Excellence Awards**, National Taipei University of Technology, 2017.
- **College Teaching Excellence Awards**, College of Management, National Taipei University of Technology, 2006, 2011, 2012, 2018,
- **Department Teaching Excellence Awards**, Department of Business Management, National Taipei University of Technology, 2006, 2007, 2010, 2011, 2017.

- **University Outstanding Mentor Awards**, National Taipei University of Technology, 2006, 2010, 2015, 2017.

## Teaching Subjects

- Economics, Financial Management, Mergers and Acquisitions, Investments, International Finance, Econometrics in Finance.

## Research Subjects

Financial Institution Operating Efficiency, Corporate Governance, Behavioral Finance

## Publications

### JOURNAL

1. Chao, C.M., Ho, C.H. (2019, Jul). The Relationship between Corporate Social Responsibility and Abnormal Return: Mergers and Acquisitions Events. *Review of Integrative Business and Economics Research*, 8(3), 1-23. (Econlit, Google Scholar).
2. Chao, C.M., Yu, M.M., Hsiung, N.H., and Chen, L.H. (2017, Apr). Profitability efficiency, marketability efficiency and technology gaps in Taiwan's banking industry: meta-frontier network data envelopment analysis. *Applied Economics*, Vol 50, Issue 3, Page 233-250. (SSCI, 233/347, Economics).
3. Chao, C.M., Yu, M.M., Lee, Y.T., and Hsiao, B. (2017, Mar). Measurement of Banking Performance in a Dynamic Multiactivity Network Structure: Evidence from Banks in Taiwan. *Emerging Markets Finance and Trade*, Vol.53, Issue 4, Page 786-805. (SSCI, 189/347, Economics).
4. Chao, C.M., Yu, M.M., and Wu, H.N. (2015, Mar). An Application of the Dynamic Network DEA Model: The Case of Banks in Taiwan. *Emerging Markets Finance and Trade*, 51:sup1, S133-S151. (SSCI, 186/344, Economics).
5. Chao, C. M., Lee, J.D., and Wu, W.S. (2015, Feb). Using Gray Relation Analysis and TOPSIS to Evaluate the Financial Performance of Taiwan's TFT-LCD Industry. *International Journal of Applied Decision Sciences*, Vol.8, No.1, pp.83 - 108. (EI).
6. Chao, C. M., Yu, M.M., and, Hsiung, N.H. (2015, Feb). A study of conversion effect of International Financial Reporting Standards - Evidence from Taiwan's banking sector of Financial Holding Company. *International Journal of Managerial and Financial Accounting*, v.7, no.1, p. 62-81.

### CONFERENCE PAPER

1. Chao, C.M., Huang, I.A. (2023, Jul). Corporate Social Responsibility , Financial Technology and Bank Performance :An Application of Quantile Regression. SIBR 2023 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
2. Chao, C.M., Lee, H.R. (2023, Jul). Intellectual Capital on the Performance of Banks : The Moderating Effects of Female directors and Corporate Social Responsibility. SIBR 2023 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
3. Chao, C.M., Zhan, K.C. (2023, Jul). Diversification and Bank Performance - The Moderating Effect of Financial Technology. SIBR 2023 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
4. Chao, C.M., Yang, J.N. (2022, Jul). Day Trading Investors' Reactions to Changes of Foreign

- Institutions' Rating Report, During COVID-19 Pandemic. SIBR 2022 (Osaka) Conference on Interdisciplinary Business and Economics Research, Osaka, Japan.
5. Chao, C.M., Yu, M.M., Chen, Y.B. (2022, Jul). The Optimum Mutual Fund Portfolio for Investors' Different Degree of Risk Preference – An Application of MVS Model. SIBR 2022 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
  6. Chao, C.M., Yu, M.M., Cheng, T. (2022, Jul). A Study of ESG and Operation Performance of Financial Holding Companies in Taiwan-An Application of Multi-activity Dynamic Network DEA Model . SIBR 2022 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
  7. Chao, C.M., Yu, M.M., Chiu, Y.C. (2021, Jul). A Study of CSR and Operation Performance of Financial Holding Companies in Taiwan-An Application of Multi-activity Dynamic Network DEA Model. SIBR 2021 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
  8. Chao, C.M., Yu, M.M., Peng, S.X. (2021, Jul). A Study on the Causal Relationship between Operating Efficiency and Corporate Social Responsibility of the Electronic Industry in Taiwan Listed Companies. SIBR 2021 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
  9. Chao, C.M., Yu, M.M., Yang, S.H. (2021, Jul). The Performance of Semiconductor Firms: An Application of Two-Stage Dynamic Network SBM model. SIBR 2021 Osaka Conference on Interdisciplinary Business & Economics Research, Osaka, Japan.
  10. Chao, C.M., Yu, M.M., Chen, C.Y. (2020, Jun). The Performance Evaluation of Chinese Commercial Banks under Fintech: An Application of the Metafrontier Sequential-Malmquist Productivity Index. ISER International Conference on Economics and Business Research (ICEBR-2020), Taipei.
  11. Chao, C.M., Yu, M.M., Liao, W.Y. (2020, Jun). An Application of the Multi-activity Dynamic Network DEA Model in CSR and Operation : The Case of Financial Holding Companies in Taiwan. ISER International Conference on Economics and Business Research (ICEBR-2020), Taipei.
  12. Chao, C.M., Yu, M.M., Lin, Y.H. (2020, Jun). An Application of the Dynamic Network DEA Model: A Study of Commercial Bank's Asset Quality, Deposits and Loan Efficiency. ISER International Conference on Economics and Business Research (ICEBR-2020), Taipei.
  13. Chao, C.M., Yu, M.M., Liu, G.H. (2020, Jun). The Optimum Portfolio of Mutual Fund for Different Degree of Risk Preference and Prudence – An Application of MVS Model. ISER International Conference on Economics and Business Research (ICEBR-2020), Taipei.
  14. Chao, C.M., Yu, M.M., Pan, Z.N. (2020, Jun). The Intellectual Capital and Taiwan Banking Performance: Using Network DEA Model. ISER International Conference on Economics and Business Research (ICEBR-2020), Taipei.
  15. Chao, C.M., Huang, L.C. (2019, Jun). Discussion on the Correlation between Intellectual Capital, Corporate Social Responsibility and Corporate Performance During Growth and Recession - by Quantile Regression Analysis. ISER International Conference on Economics and Business Research (ICEBR-2019), Jeju Island, South Korea.
  16. Chao, C.M., Tsai, M.H. (2019, Jun). A Study on the Relationship Between the Corporate Ownership Control Abilities and Debt Ratio - Quantile Regression Analysis. ISER International Conference on Economics and Business Research (ICEBR-2019), Jeju Island, South Korea.
  17. Chao, C.M., Yu, M.M., Shen, L.Y. (2019, Jun). The Efficiency Evaluation of Taiwan Security Companies before and after the 2008 Financial Crisis: An Application of the Metafrontier Malmquist Productivity index. ISER International Conference on Economics and Business Research (ICEBR-2019), Jeju Island, South Korea.
  18. Chao, C.M., Yu, M.M., Yang, R.S. (2019, Jun). Analysis of the Efficiencies of Securities Companies in Taiwan : Using Value-Based Convex and Non-convex Metafrontier Approach. ISER International Conference on Economics and Business Research (ICEBR-2019), Jeju Island, South Korea.

19. Chao, C.M., Ho, C.H. (2018, Jul). The Relationship between Corporate Social Responsibility and abnormal return: Mergers and Acquisitions Events. SIBR 2018 (Osaka) Conference on Interdisciplinary Business and Economics Research, Osaka, Japan.
20. Chao, C.M., Ku, N.Y. (2018, Jul). The Effect of Corporate Governance on Investors' Herding Behavior during the Bullish and bearish Periods in Taiwan Stock Market. SIBR 2018 (Osaka) Conference on Interdisciplinary Business and Economics Research, Osaka, Japan.
21. Chao, C.M., Yu, M.M., Chen, C.C. (2018, Jul). Estimate of potential gains from multinational gaming industry mergers: A two-stage cost efficiency DEA model. SIBR 2018 (Osaka) Conference on Interdisciplinary Business and Economics Research, Osaka, Japan.
22. 趙莊敏、游明敏、楊昇翰（2021年07月）。半導體產業之經營效率：二階動態網絡資料包絡分析法(DNSBM)。2021年生產力與效率學術研討會，台北，台灣。
23. 趙莊敏，游明敏，林雨萱（2020年12月）。利用動態網絡資料包絡法探討銀行資產品質與存放款效率。2020年生產力與效率學術研討會，台北，台灣。
24. 趙莊敏，游明敏，廖偉淵（2020年12月）。利用多活動網絡資料包絡分析法評估台灣金控公司CSR表現與經營績效。2020年生產力與效率學術研討會，台北，台灣。
25. 趙莊敏，游明敏，楊瑞新，留浩洋（2019年07月）。以價值為基礎的凸性及非凸性共同邊界模型分析台灣證券業之經營績效。2019年生產力與效率學術研討會，台北，台灣。
26. 趙莊敏，游明敏，沈玲儀，留浩洋（2019年07月）。以麥氏生產力指數結合共同邊界模型探討2008金融海嘯前後台灣證券業之績效變化。2019年生產力與效率學術研討會，台北，台灣。