

# 國立清華大學科技管理學院候選人資料表

National Tsing Hua University College of Technology Management Candidate Information Form

## 一、基本資料 Basic Information

- ▶ 中文姓名 Chinese Name: 林世昌/ 英文姓名 English Name: Eric S. Lin
- ▶ 國籍 Nationality: 台灣/ 性別 Gender: 男/ 出生日期 Date of Birth: Dec. 17, 1970
- ▶ 連絡地址 Contact Address: 國立清華大學經濟學系
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## 二、主要學歷 Main Education Background

- ▶ 美國德州大學奧斯汀分校經濟學博士 (1998.8–2004.7)
- ▶ 國立台灣大學經濟學系碩士 (1993.9–1995.6)
- ▶ 國立台灣大學經濟學系學士 (1989.9–1993.6)

## 三、現職與經歷 Current Position and Experience

### 現職 current position

- ▶ Professor, Department of Economics, National Tsing Hua University, 2013.8–present
- ▶ CEO, EMBA/SZ EMBA/APAC EMBA/Dual EMBA/MBA/MFB/MPM/HBA Professional Programs, National Tsing Hua University, 2019.8–present
- ▶ Honorary Recognised Supervisor (Dual PhD), School of Engineering and School of Environmental Sciences, University of Liverpool, UK, 2016.9–present
- ▶ Joint-Appointed Professor (Dual EMBA), College of Business, University of Texas at Arlington, 2021.9–present
- ▶ Joint-Appointed Professor, Department of Kinesiology, National Tsing Hua University, 2018.8–present
- ▶ Joint-Appointed Professor, Center for Teacher Education, National Tsing Hua University, 2014.8–present

## 經歷 experience

- ▶ Chairman, Department of Economics, National Tsing Hua University, 2019.8–2022.7
- ▶ Director, Center for Institutional Research, National Tsing Hua University, 2019.12–2022.7
- ▶ Director, Center for Learning Assessment Service, National Tsing Hua University, 2012.2–2019.12
- ▶ Director, Master Program of Public Policy & Management, College of Technology Management, National Tsing Hua University, 2016–2019.7
- ▶ Director, Chinese Language Center, National Tsing Hua University, 2012.2–2014.2
- ▶ Adjunct Research Fellow, Research Center of Public Economics, College of Social Sciences, National Taiwan University, 2014.8–2016.7
- ▶ Adjunct Research Fellow, Higher Education Evaluation & Accreditation Council of Taiwan, 2016.8–2018.7
- ▶ Visiting Associate Research Fellow, Research Center of Public Economics, College of Social Sciences, National Taiwan University, 2011.8–2012.7
- ▶ Associate Professor, Department of Economics, National Tsing Hua University, 2009.8–2013.7
- ▶ Assistant Professor, Department of Economics, National Tsing Hua University, 2004.8–2009.7
- ▶ Associate Director, Center for Teaching and Learning Development, National Tsing Hua University, 2010.2–2012.2
- ▶ Government Employee, Board of Foreign Trade, Ministry of Economic Affairs, 1997–1998.7
- ▶ Lieutenant, R.O.C. Army, Hua-Lien, Taiwan, 1995–1997

## 四、研究專長 Research Expertise

1. Econometrics; 2. Big Data/Business Analytics; 3. Applied Microeconomics;
4. Education Economics/Institutional Research

## 五、學術榮譽 Academic Honors

- ▶ Fellow, Global Labor Organization (GLO), 2017
- ▶ Research Fellow, Institute for the Study of Labor (IZA), Bonn, Germany, 2014
- ▶ National Science Council Projects, 2005–2024 over 20 PI/Co-PI projects
- ▶ Emerald Highly Commended Outstanding Paper Award, Emerald Publishing, 2018
- ▶ Flexible Salary Award, National Tsing Hua University, 2012–2024
- ▶ Outstanding Paper Award, National Tsing Hua University, 2010, 2011, 2012 and 2013
- ▶ Hale Fellowship, Dept. of Economics, University of Texas at Austin, 2003
- ▶ David Bruton, Jr. Fellowship, University of Texas at Austin, 2002
- ▶ Master Thesis Award, Li-Ching Cultural & Educational Foundation, 1994
- ▶ Scholarship for NTU Economics, Cathay Life Insurance Co., 1993
- ▶ Book Coupon Awards, National Taiwan University, 1990, 1991, and 1992

## 六、著作目錄 List of Publications

### Journal Publications

- [1] Shang, Li-Dan, Francisco Rowe and Eric S. Lin (2024): “Estimating the causal impact of non-traditional household structures on children’s educational performance using a machine learning propensity score,” *Asia Pacific Education Review*, 25, 939–957. <https://doi.org/10.1007/s12564-023-09916-3>. [SSCI]
- [2] Tseng, Ya-Wen, Francisco Rowe and Eric S. Lin (2024): “An Elon Musk generalist or a specialist? The impacts of interdisciplinary learning on post-graduation outcomes,” *Studies in Higher Education*, 49(4), 782–807. <https://doi.org/10.1080/03075079.2023.2252889>. [SSCI]
- [3] Hsu CC, SI Wang, HC Lin, ES Lin, FP Yang, CM Chang, JCC Wei (2024): “Difference of Cerebrospinal Fluid Biomarkers and Neuropsychiatric Symptoms Profiles among Normal Cognition, Mild Cognitive Impairment, and Dementia Patient,” *International Journal of Molecular Sciences*, 25 (7), 3919. [SCI]
- [4] Hsiao, Yi-Chi, Chia-Ling Lin, Hui-Lin Lin and Eric S. Lin (2023): “Is Downsizing a Good Strategy during the Downturn? Evidence from Taiwanese Manufacturing Firms,” *Japan and the World Economy*, 65, Article 101171. [SSCI]

- [5] Thomas, Jac, Francisco Rowe and Eric S. Lin (2023): “Declining Fertility in Taiwan: the Detering Impact of Housework Imbalance,” *Asian Population Studies*, 19(3), 270–288. [SSCI]
- [6] Thomas, Jac, Francisco Rowe, Pual Williamson and Eric S. Lin (2022): “The Effect of Leave Policies on Increasing Fertility: a Systematic Review,” *Humanities & Social Sciences Communications*, 9, Article number: 262. [SSCI, Published by Springer Nature]
- [7] Hsu, Yu-Chin, Jen-Che, Liao and Eric S. Lin (2022): “Two-step Series Estimation and Specification Testing of (Partially) Linear Models with Generated Regressors,” *Econometric Reviews*, 41(9), 985–1007. [SSCI, Leading article]
- [8] Lin, Ching-Hui, Jyun-Hong Chen, Eric S. Lin, and C. Owen Lo (2022): “The Effects of College Student Experience on Degree Aspirations for Graduate Education,” *SAGE Open*, July-September 2022: 1–13. [SSCI]
- [9] Chuang, Hwei-Lin, Eric S. Lin and Shih-Yung Chiu\* (2018): “The Gender Wage Gap in the Financial Industry: Evidence from the Interindustry Ranking,” *International Review of Economics & Finance*, 55, 246–258. [SSCI]
- [10] Lin, Eric S.\* and Ta-Sheng Chou (2018): “Finite-Sample Refinement of GMM Approach to Nonlinear Models Under Heteroskedasticity of Unknown Form,” *Econometric Reviews*, 37(1), 1–28. [SSCI, Leading article]
- [11] Lin, Mingchia, Cheli Lin and Eric S. Lin (2018): “The Role of College Students’ College-attendance Value and Achievement Goals in Desired Learning Outcomes,” *EURASIA Journal of Mathematics, Science and Technology Education*, 14(12), 1–14. [Scimago Q2]
- [12] Chu, Jo-Yin\* and Eric S. Lin (2017): “The Learning Effectiveness About the Ability of Critical Thinking in General Courses and its Application of Institutional Research,” *Journal of Education & Psychology*, 40(4), 29–62. [TSSCI]
- [13] Lin, Ming-Chia\* and Eric S. Lin (2017): “The Role of Learning Antecedents and Quality in Predicting OpenCourseWare Utility: Preliminary Evidence from University and Public Learners,” *International Journal on Digital Learning Technology*, 9(1), 71–104. [TSSCI]
- [14] Lin, Ming-Chia and Eric S. Lin\* (2017): “Development of the College-Attendance Value Scale for Second-Year Students in Taiwan,” *Higher Education Evaluation and Development*, 11(1), 38–54. [ERIC]
- [15] Wu, Yi-Hua, Chih-Chin Ho and Eric S. Lin\* (2017): “Measuring the Impact of Military Spending: How Far Does a DSGE Model Deviate from Reality?” *Defence and Peace Economics*, 28(5), 585–608. [SSCI]

- [16] Lin, Eric S.\* and Shih-Yung Chiu (2016): “Does Holding a Postdoctoral Position Bring Benefits for Advancing to Academia?” *Research in Higher Education* [SSCI, Official Journal of AIR], 57(3), 335–362.
- [17] Lin, Chia-Ling, Hui-Lin Lin and Eric S. Lin\* (2016): “Is There a Complementary Relationship between Product and Process Innovation on Productivity in Taiwanese Manufacturing Firms?” *Hitotsubashi Journal of Economics*, 57(2), 139–173. [SSCI, Leading article]
- [18] Chou, Ta-Sheng, Ping-Hung Chou and Eric S. Lin\* (2016): “Improving the Timeliness of Turning Signals for Business Cycles with Monthly Data,” *Journal of Forecasting*, 35(8), 669–689. [SSCI, Leading article]
- [19] Tao, Yu-Li\*, Hwei-Lin Chuang, and Eric S. Lin (2016): “Compensation and Performance in Major League Baseball: Evidence from Salary Dispersion and Team Performance,” *International Review of Economics & Finance*, 43, 151–159. [SSCI]
- [20] Lin, Eric S.\* and Yu-Lung Lu (2016): “The Educational Achievement of Pupils with Immigrant and Native Mothers: Evidence from Taiwan,” *Asia Pacific Journal of Education*, 36(1), 48–72. [SSCI]
- [21] Tao, Yu-Li\*, Hwei-Lin Chuang, and Eric S. Lin (2016): “Performance and Compensation: Evidence from Postseason Participation in Major League Baseball,” *Journal of Management*, 33(2), 239–251. [TSSCI]
- [22] Yun, Myeong-Su and Eric S. Lin\* (2015): “Alternative Estimators for the Gender Wage Gap by Industry: A Normalized Equation Approach,” *Pacific Economic Review*, 20(4), 569–587. [SSCI]
- [23] Lin, Hui-Lin, Yi-Chi Hsiao, and Eric S. Lin\* (2015): “The Choice between Standard and Non-standard FDI Production Strategies for Taiwanese Multinationals,” *Research Policy*, 44(1), 283–293. [SSCI]
- [24] Lin, Eric S.\*, Hamid E. Ali, and Yu-Lung Lu (2015): “Does Military Spending Crowd Out Social Welfare Expenditures? Evidence from a Panel of OECD Countries,” *Defence and Peace Economics*, 26(1), 33–48. [SSCI]
- [25] Lin, Hui-Lin, Yi-Chi Hsiao, and Eric S. Lin\* (2015): “Do Different Types of FDI Strategies Spur Productivity and Innovation Capability Growth? Evidence from Taiwanese Manufacturing Firms,” *Journal of Business Economics and Management*, 16(3), 599–620. [SSCI]
- [26] Lu, Yu-Lung, Stephen Chou and Eric S. Lin\* (2014): “Gender Differences in the Impact of Weight Status on Academic Performance: Evidence from Adolescents in Taiwan,” *Children and Youth Services Review*, 46, 300–314. [SSCI]

- [27] Lin, Eric S.\* and Shih-Yung Chiu (2014): “Can a Doctoral Degree Be Completed Faster Overseas Than Domestically? Evidence from Taiwanese Doctorates,” *Higher Education*, 68(2), 263–283. [SSCI]
- [28] Lin, Ming-Chia, Hsiang Yu, and Eric S. Lin\* (2014): “Validating University Graduate Attribute Scale,” *Higher Education Evaluation and Development*, 8(1), 59–84. [ERIC]
- [29] Ho, Chih-Chin, Fu-Li Chen, Hui-Lin Lin, and Eric S. Lin\* (2014): “Income Tax and Labor Supply: Evidence of EITC Simulation in Taiwan,” *Taiwan Economic Review*, 42(2), 167–213. (in Chinese) [TSSCI]
- [30] Hsieh, Hsiao-Chin\*, Samuel S.M. Peng, S-Y Kou, Y-F Yan, Y-T Lin, Eric S. Lin, and Su-Yen Chen (2014): “One Campus, Diverse Experience: A Study on NTHU Students’ Learning Experiences,” *Tsinghua Journal of Education*, 35(3), 55–66. (in Chinese) [CSSCI]
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- [32] Chou, Ta-Sheng, Chien-Fu Lin, and Eric S. Lin\* (2013): “Evaluating the Foreign Trade Forecasts for Taiwan Produced by CIER, DGBAS and IEAS,” *Taiwan Economics Forecast and Policy*, 44(1), 81–132. (in Chinese) [TSSCI]
- [33] Yi Lee\*, Yih-Luan Chyi, Eric S. Lin, and Shih-Ying Wu (2013): “Do Local Industrial Agglomeration and FDI to China Enhance the Productivity of Taiwanese Firms?” *Journal of International Trade & Economic Development*, 22(6), 839–865. [SSCI]
- [34] Lin, Eric S.\*, Yi-Hua Wu, and Ta-Sheng Chou (2012): “Defense Policy and Military Spending in Taiwan: 1952–2009,” *Defence and Peace Economics*, 23(4), 343–364. [SSCI]
- [35] Lin, Eric S.\* and Ta-Sheng Chou (2012): “A Note on Bayesian Interpretations of HCCME-type Refinements for Nonlinear GMM Models,” *Economics Letters*, 116, 494–497. [SSCI]
- [36] Lin, Eric S.\*, Ping-Hung Chou, and Ta-Sheng Chou (2011): “Testing for the Usefulness of Forecasts,” *Journal of Forecasting*, 30(5), 469–489. [SSCI]
- [37] Wu, Yi-Hua and Eric S. Lin\* (2011): “Does Purchasing Power Parity Hold Following the Launch of the Euro? Evidence from the Panel Unit Root Test,” *Applied Economics Letters*, 18(2), 167–172. [SSCI]
- [38] Lin, Eric S. (2010): “Gender Wage Gaps by College Major in Taiwan: Empirical Evidence from 1978-2003 Manpower Utilization Survey,” *Economics of Education Review*, 29(1), 156–164. [SSCI]

- [39] Lin, Hui-Lin and Eric S. Lin\* (2010): “FDI, Trade and Product Innovation: Theory and Evidence,” *Southern Economic Journal*, 77(2), 434–464. [SSCI]
- [40] Lin, Eric S.\* and Yu-Lung Lu (2010): “The Causal Effect of the Cram Schooling Timing Decision on Math Scores,” *Economics Bulletin*, 30(3), 2330–2345. [EconLit]
- [41] Cheng, P.C. Roger\* and Eric S. Lin (2010): “Completing Incomplete Cohort Fertility Schedules”, *Demographic Research*, 23(9), 223–256. [SSCI]
- [42] Wu, Shih-Ying, Jenn-Hong Tang and Eric S. Lin\* (2010): “The Impact of Government Expenditure on Economic Growth: How Sensitive to the Level of Development?” *Journal of Policy Modeling*, 32(6), 804–817. [SSCI]
- [43] Ali, Hamid E. and Eric S. Lin\* (2010): “Wars, Foodcost and Countervailing Policies: A Panel Data Approach,” *Food Policy*, 35(5), 378–390. [SSCI]
- [44] Chuang, Hwei-Lin\*, Ning Hsieh and Eric S. Lin (2010): “Labor Market Activity of Foreign Spouses in Taiwan: Employment Status and Choice of Employment Sector,” *Pacific Economic Review*, 15(4), 505–531. [SSCI]
- [45] Tang, Jenn-Hong, Lai, Cheng-Chung, and Eric S. Lin\* (2009): “Military Expenditure and Unemployment Rates: Granger Causality Tests Using Global Panel Data,” *Defence and Peace Economics*, 20(4), 253–267. [SSCI, Leading article]
- [46] Lin, Eric S.\* and Hamid E. Ali (2009): “Military Spending and Inequality: Panel Granger Causality Test,” *Journal of Peace Research*, 46(5), 671–685. [SSCI]
- [47] Lin, Eric S. (2007): “Efficient Estimation of a Partial Linear Model Under Heteroskedasticity with Unknown Form,” *Journal of Quantitative Economics*, 5(2), 19–39. [EconLit]
- [48] Lin, Eric S. and Shih-Ying Wu\* (2007): “Lottery Expenses and Charitable Contributions - Taiwan’s Experience,” *Applied Economics*, 39, 2241–51. [SSCI]
- [49] Lin, Eric S. (2007): “On the Standard Errors of Oaxaca-type Decompositions for Inter-industry Gender Wage Differentials,” *Economics Bulletin*, 10(6), 1–11. [EconLit]
- [50] Chuang, Hwei-Lin\* and Eric S. Lin (2006): “The Evolution of the Empirical Study on Taiwan’s Female Labor Supply,” *Taiwan Economic Review*, 34(2), 119–172. (in Chinese) [TSSCI]

## Book Chapters

- [1] Lin, Eric S.<sup>\*</sup>, Lu, Y.-L., Lin, M.-C. and Wang, H.-C. (2021): “Assessing Academic Performance for Economics Majors through Exam- and Application-based Entrance Channels in Taiwan”, Lee, C.-F. and Yu, M.-T. (Ed.) *Advances in Pacific Basin Business, Economics and Finance* (Advances in Pacific Basin Business, Economics and Finance, Vol. 9), Emerald Publishing Limited, Bingley, pp. 253–273. <https://doi.org/10.1108/S2514-465020210000009014>
- [2] Lin, Eric S.<sup>\*</sup>, Chia-Ling Lin and Hui-Lin Lin (2015): “Outward FDI and Chinese Taipei Firms Domestic Employment?” in Strategic Human Resource for Successful Foreign Direct Investment in APEC, *APEC Monograph*.
- [3] Chuang, Hwei-Lin<sup>\*</sup> and Eric S. Lin (2017): “The Employment Status of Marriage Immigrants in Taiwan,” *Advances in Pacific Basin Business, Economics and Finance Vol: 5*, 121–150.
- [4] “經濟學理論與實際”, 陳正倉、林惠玲、林建甫、林世昌著, 雙葉書廊有限公司, 2022
- [5] “極簡經濟學,” 常青著, 林世昌審閱, 悅知文化, 2019
- [6] “台灣校務研究理論與技術,” 黃榮村總編輯, 周懷樸與林世昌主編, 高等教育文化事業有限公司, 2018
- [7] “博士生之後? 我國博士就讀年限及畢業後的就業選擇,” 林世昌與邱詩詠, 人文與社會科學簡訊, 16 卷 3 期, 2015
- [8] “一件五萬美元手工大衣的經濟之旅 (The Coat Route: Craft, Luxury, & Obsession on the Trail of a \$50,000 Coat): 推薦序,” 寶鼎出版社, 日月文化集團, 2014
- [9] “國家為什麼會破產 (Abgebrannt: Unsere Zukunft nach dem Schulden-Kollaps): 推薦序,” 寶鼎出版社, 日月文化集團, 2013
- [10] “社會科學的皇后: 經濟學,” DNA 搭乘頭等艙: 清華大學高中學術列車叢書, 國立清華大學出版社, 2012



## 七、對本院未來發展之構想 Vision for the Future Development of CTM

### ► 持續打造頂尖且具社會影響力的科管院

學術拔尖一直是管理學院最重要的目標之一，在過去歷任院長奠定的良好基礎上，持續推動與其他學科、國際機構和企業的合作，解決複雜的社會問題，促進創新研究持續強化教師同仁的研究能量。除激勵發表高影響力的論文，同時將高品質的研究轉換成轉化為企業決策、政府政策的重要依據，提升科管院的社會影響力。其中，延攬傑出人才是重中之重，須協助各系所提供有競爭力的資源爭取稀少性的優秀人才，除薪酬之外的其他因素，如特定研究主題、國際化環境、住房、子女教育、生涯規劃等，皆是吸才、攬才的重要配套措施。

### ► 擁抱 AI 浪潮整合至研究與教學

人工智慧 AI 浪潮已是時勢所趨，科管院應積極擁抱 AI，善加運用 AI 概念、技術於管院的各層次，透過 AI 融入課程、教學創新、研究發展、行政優化及產學合作，科管院能在未來的商業、決策環境中發揮更大的影響力，成為應用 AI 的領導者。例如，與其防範學生使用 AI 於課程作業/考試/報告，管理學院應該積極教授 Gen AI，講授如何應用在商業、管理、行銷、金融等多個領域，讓學生掌握 AI 素養 (AI Literacy)，提升其生產力與競爭力。

### ► 強調資料治理的決策精神

強調以數據為核心、循證為基礎的治理方式，是近年來我國高等教育機構推動「校務研究」(Institutional Research, IR) 的重要理念。將 IR 精神落實於科管院的學術研究、教學活動與行政運作，不僅有助於資源的有效分配，還能提升決策透明度與可持續性，並優化政策執行的成效。例如，在教學活動方面，學生可參與企業數據治理專案，學習如何在真實商業環境中應用數據分析進行決策，進而培養數據驅動的管理思維。此外，亦可建立科學化的學術獎勵機制，確保學術評估的客觀性與公平性，進一步激勵高品質研究、促進產學合作，並提升科管院的學術競爭力與國際聲譽。

### ► 期許每位科管院學生皆能有旅外經驗

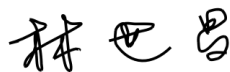
在全球化競爭加劇、科技急速發展的時代，科管院應積極鼓勵學生獲得國際經驗，以培養跨文化適應力、提升全球視野，國際人脈、創新思惟、並增強在未來（國際）職場中的競爭力。無論是交換學生、海外實習、國際學術會議、雙聯學位計畫，或短期海外學習課程，每位科管院學生皆應獲得至少一次旅外學習的機會。為實現此目標，需透過數據分析掌握各系所（學士、碩士、

博士) 的旅外現況、資源配置及資金缺口, 進而規劃募款策略, 並依優先順序逐步推動相關計畫, 以確保更多學生能夠順利獲得國際學習機會。

► 營造健康快樂科管院的氛圍

由於現代高等教育極度競爭, 無論教師、職員、學生均處於高度壓力之下, 營造良好軟硬體設施且具人文、健康氣息的科管院, 將使所有同仁、同學們在快樂的研究、行政、學習環境中徜徉, 身心靈均衡的發展。具體的做法包括設立增加幸福感的各項設施 (如簡易健身房)、可與現有的專班社團 (e.g., 運動或靜態社團) 合作, 舉辦聯誼活動或跨領域交流會。此外, 綠化科管院, 提供更自然的環境、持續更新教室與辦公室的設施, 使空間更加現代化與人性化、利用科技改善行政服務流程等等, 皆可朝健康快樂科管院的目標前進。

候選人 Candidate: 林世昌 (Eric S. Lin)



日期 Date: January 20, 2025