Echu Liu

CONTACT INFORMATION

Department of Health Management and Policy College for Public Health and Social Justice Saint Louis University 3545 Lafayette Ave Saint Louis, MO 63104-1314 Office: (314) 977-

Economics, University of Southern California, December 2006

M.A. in Economics, University of Southern California, May 2003

MBA in Finance

B.A. in Economics, National Taiwan University, June 1993

WORK EXPERIENCE

Academic

Associate Professor (with tenure), Department of Health Management and Policy, Saint Louis University, August 2014 present

Associate Professor of Health Care Management (with tenure), School of Allied Health, Southern Illinois University Carbondale, July 2012 August 2014

Assistant Professor of Health Care Management, School of Allied Health, Southern Illinois University Carbondale, August 2006 June 2012

Visiting Assistant Professor, Department of Economics, National Cheng Kung University, Tainan, TAIWAN, June 2010 July 2010

Full-time Teaching Assistant (responsible for teaching and assisting departmental administration), Department of Economics, National Taiwan University, August 1997 July 1998

Non-Academic

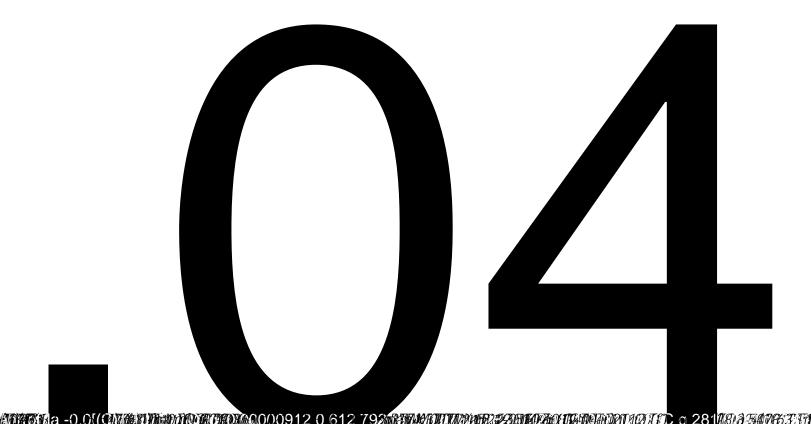
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21. Liu, R, Bloom, M. S, Wu, Q., He, Z, Qian, Z,

- 28. Hu, L, Qian, Z, Bloom, M. S, Nelson, E J, Liu, E., Han, B., Zhang, N., Liu, Y., Ma, H., Chen, D., Yang, B., Zeng, X, Chen, W., Komppula, M., Leskinen, A., Hirvonen, M., Roponen, M., Jalava, P., Bai, Z, & Dong, G. (2018). A panel study of airborne particulate matter concentration and impaired cardiopulmonary function in young adults by two different exposure measurements. Atmospheric Environment, 180, 103-109. https://doi.org/10.1016/j.atmosenv.2018.03.001
- 29. Cai, M., Liu, E., Tao, H., Qian, Z, Lin, X, & Cheng, Z (2018). Does level of hospital matter? A study of mortality of acute myocardial infarction patients in Shanxi, China. *American Journal of Medical Quality*, *33*(2), 185-192. https://doi.org/10.1177/1062860617708608
- Bao, W., Qian, Z., Geiger, S. D., Liu, E., Liu, Y., Wang, S., Lawrence, W. R., Yang, B., Hu, L., Zeng, X., & Dong, G. (2017). Gender-specific associations between serum isomers of perfluoroalkyl substances and blood pressure among Chinese: Isomers of C8 Health Project in China. Science of the Total Environment, 607-608, 1304-1312. https://doi.org/10.1016/j.scitotenv.2017.07.124
- 31. Hu, L, Qian, Z, Dharmage, S. C, Liu, E., Howard. S. W., Vaughn, M. G., Perret, J, Lodge, C. C, Zeng, X, Yang, B., Xu, S, Zhang, C, & Dong, G. (2017). Prenatal and postnatal exposure to pet ownership and lung function in children: The seven northeastern cities study. *Indoor Air*, 27(6), 1177-1189. https://doi.org/10.1111/ina.12401
- 32. Lin, X., Cai, M., Tao, H., Liu, E., Cheng, Z.,

- 35. Tung, M., & Liu, E. (2016). Sex education of Chinese students in America: A potential focus area for health educators and researchers. *JSM Health Education and Primary Health Care*, 1(2): 1009. https://www.jscimedcentral.com/public/assets/articles/healtheducation-1-1009.pdf
- 36. Liu, E. (2016). Propensity-score matching as a panacea for correcting self-selection bias in observational studies. *Journal of Epidemiology and Public Health Reviews*, 1(2). http://dx.doi.org/10.16966/2471-8211.109
- 37. Hsieh, H., Chou, S., Liu, E., & Lian, H. (2015). Strengthening or weakening? The impact of universal health insurance on intergenerational co-residence in Taiwan. *Demography*, *52*(3), 883-904. https://doi.org/10.1007/s13524-015-0387-0
- 38. Chou, S., Liu, E., Lin, M., & Liu, J. (2015). Better peers, better scores? A study of twin junior high school graduates in Taiwan. *Applied Economics*, 47(32), 3462-3481. https://doi.org/10.1080/00036846.2015.1016209
- 39. Liu, E., Lo, T., & Hsieh, H. (2013). Health illiteracy and disparity in health status: An analysis of the national assessment of adult literacy. *International Journal of Economic Issues*, 6(1), 31-45.
- 40. Liu, E., Lo, T., & Hsieh, H. (2011). Literacy and health: Evidence from the national assessment of adult literacy. *International Journal of Applied Economics*, 8(1), 17-35.
- 41. Liu, E., Yu, W., & Hsieh, H. (2011). Ogarette taxes and respiratory cancers: New evidence from panel co-integration analysis. *Journal of Health Care Finance, 37*(3), 62-71. (Results cited in the September 15, 2011 issue of the *Harvard Business Review*)
- %2. Liu6(:, Hsiao, C., Matsumoto, T., & Chou, S. (2009). Maternal full-time employment and ou5a/F3 12 Tf1 0 0 1 213.77 2000966(*) J. 67/40(2016) (156/40)

- 19. Liu, E, Lo, T., & Hsieh, H. (2011, November). The causal effect of functional health literacy and health status: An analysis of adult literacy s national assessment. Oral presentation at the 81st Annual Meeting of Southern Economic Association, Washington, DC.
- 20. Chou, S, Lin, M., Liu, E, & Liu, J (2011, February). Using national twin data to estimate the peer effects on Oral presentation at the 37th Annual Conference of Eastern Economic Association, New York, NY.
- 21. Liu, E, Lo, T., & Hsieh, H. (2010, November). Literacy and health: EuTm0 g0 G()]TJE260 1 441.46 54.



- 27. Liu, E. (2007, April). The treatment effects of full-time maternal employment on childhood obesity: Control function and matching estimators. Poster presentation at the 18th Annual Conference of Illinois Rural Health Association, Effingham, IL.
- 28. Liu, E, Hsiao, C, & Chou, S (2005, July). Maternal full-time employment and childhood obesity: Parametric and semi-parametric estimation. Oral presentation at the 80th Annual Western Economic Association International Conference, San Francisco, CA.
- 29. Liu, E. (2005, April). *Maternal full-time employment and childhood obesity*. Oral presentation at the 47th Annual Western Social Science Association Conference, Albuquerque, NM.
- 30. Liu, E. (2005, January). Maternal full-time employment and body mass index. Oral presentation at the Annual Meeting of Allied Social Science Associations (ASSA), Philadelphia, PA.

Seminars

- 1. Liu, E (2022, December). Health insurance literacy and avoidance of medical care among international students. Sinquefield Center, Saint Louis University, Saint Louis, USA.
- 2. Liu, E (2021, June). Health insurance literacy: Its consequences and implications. Department of Economics, Tamkang University, Taipei, TAIWAN.
- 3. Liu, E. (2014, December). Strengthening or weakening? The impact of universal health insurance on intergenerational co-residence. Department of Economics, National Tsinghua University, Hsinchu, TAIWAN.
- 4. Liu, E (2013, March). Using national twin data to estimate peer effects on student test scores. Department of Economics, Southern Illinois University at Carbondale, USA.
- 5. Liu, E (2012, March). *Treatment evaluation*. Department of Economics, National Cheng Kung University, Tainan, TAIWAN.
- 6. Liu, E (2010, March). Cigarette taxes and respiratory cancers: New evidence from panel co-integration analysis. Department of Economics, National Cheng Kung University, Tainan, TAIWAN.

7. Liu, E (2009, March). Maternal full-time employment and childhood obesity: Parametric, semi-parametric, and non-parametric

 2022: Agency for Health Care Research and Quality (2022-2024) \$100,000 Impact of social determinants of health in reducing potentially avoidable hospitalizations among minorities

Principal investigator: Caress Dean

Co-investigator: Echu Liu

3. 2021: Saint Louis University Beaumont Scholarship Research Award Program (2022-2023) \$9,123.56

Impact of COVID-19 on the psychological health of the U.S population with

chronic diseases

Principal investigator: Echu Liu

 2018: Chiang Ching-Kuo Foundation for International Scholarly Exchange Research Grants (2019 -2021) \$78,000

Which came first, the chicken or the egg? The relationship between self-esteem and the likelihood of becoming overweight among young adults in Taiwan

Principal investigator: Echu Liu

Co-investigators: Shin-Yi Chou, Cheng-I Chu

 2016: SAMHSA HRSA Center for Integrated Health Solutions (2016 -2019) Improving student wellness through interprofessional school-based health (WISH) clinic

Principal investigator: Anthony Breitbach

Co-investigators: Kathrin Biot, Kemba Noel-London

Role: Other

REMONING ACTIVITIES

Referees for academic journals

American Journal of Managed Care (2020)

Contemporary Economic Policy (2010)

Environmental Health Insight (2021)

Frontiers in Public Health (2022)

Heliyon (2021, 2023)

International Journal of Computational Intelligence Studies (2008)

International Journal of Healthcare (2016, 2019, 2022)

International Journal of

Journal of Labor Research (2016)
OBM Neurobiology (2021)
Open Journal of Social Science (2021)
Pacific Economic Review (2015)
Public Budgeting and Finance (2013, 2014)
Qeios (2023)
Singapore Economic Review (2014, 2020)
Taiwan Economic Review (2007, 2010, 2011)

Textbook reviewer

Editor, International Journal of Healthcare, 2020-2023

Associate editor, International Journal of Healthcare, 2015-2020

Professional Associations

Session chair and discussant, Missouri Valley Economic Association, $56^{\rm th}$ Annual Conference, October 2019

Session chair and discussant, Missouri Valley Economic Association, $55^{\rm th}$ Annual Conference, November 2018

Session chair and discussant, Missouri Valley Economic Association, $53^{\rm rd}$ Annual Conference, October 2016

Judge, Poster Session of Annual Graduate Research Symposium, Sigma Xi, Saint Louis University, 2019

Member, Search Committee, Tenure-Track Faculty, Department of Health Management and Policy, Saint Louis University, 2019

Chair, Program Committee, International Faculty and Staff Association, Saint Louis University, 2018 2019

Chair, Tenure and Promotion Committee, Department of Health Management and Policy, Saint Louis University, 2018 2022

Chair, Workload Policy Committee, Department of Health Management and Policy, Saint Louis University, 2018

Judge, 24th Annual Graduate Research Symposium, Saint Louis University, 2018

Grader, Ph.D. Written Exam, College for Public Health and Social Justice, Saint Louis University, 2018 present

Member, Search Committee, Non-Tenure-Track Faculty, Department of Health Management and Policy, Saint Louis University, 2018

Member, Comprehensive Examination Committee, Department of Health Management and Policy, Saint Louis University, 2017

Member, Tenure and Promotion Committee, College for Public Health and Social Justice, Saint Louis University, 2016 2017

Member, Task Force for Competencies and Outcome Measures of Undergraduate Program, Department of Health Management and Policy, Saint Louis University, 2016

Member, Cultural Committee, College for Public Health and Social Justice, Saint Louis University, 2014 2016

Member, Curriculum and Competency Committee, Department of Health Management and Policy, Saint Louis University, 2014 2016; 2017 2022

Member, Search Committee, Tenure-Track Faculty, Department of Health Management and Policy, Saint Louis University, 2014 2015

Member, Search Committee, Instructor for Radiologic Sciences, Southern Illinois University, 2014

Member, Search Committee, Director of School of Allied Health, Southern Illinois University, 2013

Member, Assessment Committee, School of Allied Health, Southern Illinois University Carbondale, 2013 2014

Member, Search Committee, Instructor for Physical Therapist Assistant, School of Allied Health, Southern Illinois University, 2013

Member, Search Committee, Instructor for Mortuary Science and Funeral Service, School of Allied Health, Southern Illinois University, 2013

Member, Search Committee, Instructor for Health Care Management, School of Allied Health, Southern Illinois University, 2013

Member, Strategic Planning Committee, College of Applied Sciences and Arts, Southern Illinois University, 2012 2014

Member, Search Committee, Instructor for Anatomy, Medical Terminology, and Physiology, School of Allied Health, Southern Illinois University Carbondale, 2012

Member, Assessment Tool Committee, School of Allied Health, Southern Illinois University Carbondale, 2011 2012

Member, Honors Day Committee, College of Applied Sciences and Arts, Southern Illinois University, 2011 2014

Fellowship, Ministry of Education, Taiwan, 1993

Presidential Award (top 5% of the class), National Taiwan University, 1992

PROFESSIONAL AFFILIATIONS

Member, Health Care Financial Management Association

Member, Missouri Valley Economic Association

PERSONAL INFORMATION

Otizenship: Taiwan and the United States

Gender: Male

Month and Year of Birth: February 1972