

Wei Fu

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EMPLOYMENT HISTORY

Assistant Professor, University of Louisville	
Department of Health Management and Systems Sciences	2023-
Commonwealth Institute of Kentucky (CIK) Scholar	
University of Louisville	2023-
Affiliated Fellow, University of Pennsylvania	
The Leonard Davis Institute of Health Economics	2022-2023
Post-doc Researcher, University of Pennsylvania	
Department of Pathology and Laboratory Medicine	2020-2023

EDUCATION

Ph.D. Economics, Lehigh University, U.S.	2016-2020
Advisor: Shin-Yi Chou	
M.A. Economics, Shanghai University of Finance and Economics, China	2012-2016
B.A. Economics, Huazhong University of Science and Technology, China	2008-2012

RESEARCH FIELD

Health Economics, Causal Inference, Policy Evaluations
 Key words: substance use, behavior health, access to healthcare

PEER-REVIEWED PUBLICATIONS

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1. Aslim EG, Fu W, Tekin E, You S. From syringes to dishes: Improving food security through vaccination. *Journal of Public Economics*. 2025 July; 247:105392.
 2. Fu W, Eggen MB, Zheng Q. The 2005 TennCare disenrollments increased rates of intimate partner violence: Insights for the Post-COVID Medicaid unwinding. *Health Services Research*. 2025 May 20:e14647.
 3. Bradford AC, Fu W, You S. The devastating dance between opioid and housing crises: Evidence from OxyContin reformulation. *Journal of Health Economics*. 2024 Dec 1; 98:102930.
 4. Aslim EG, Fu W, Liu CL, Tekin E. Vaccination policy, delayed care and health expenditures. *The Economic Journal*. 2024 Nov;134(664):3096-136.
 5. Fu W, Wang LS, Chou SY. A single dose for me, A wealth of protection for us: The public health cost of individualism in the rollout of COVID-19 vaccine. *Social Science & Medicine*. 2024 May 1; 348:116849.

6. Dave D, Fu W, Yang M. Mental distress among female individuals of reproductive age and reported barriers to legal abortion following the US Supreme Court decision to overturn *Roe v Wade*. *JAMA Network Open*. 2023 Mar 1;6(3):e234509-.
7. Chen Y, Fu W. Migration control policy and parent–child separation among migrant families: evidence from China. *Journal of Population Economics*. 2023 Oct;36(4):2347-88.
8. Fu W, Huang C, Liu F. Unemployment benefits, food insecurity, and supplemental nutrition assistance program spending. *American Journal of Agricultural Economics*. 2023 Mar;105(2):479-502.
9. Clark K, Fu W, Liu CL, Ho PC, Wang H, Lee WP, Chou SY, Wang LS, Tzeng JY. The prediction of Alzheimer’s disease through multi-trait genetic modeling. *Frontiers in Aging Neuroscience*. 2023 Jul 27; 15:1168638. Co-first author.
10. Kuksa PP, Liu CL, Fu W, Qu L, Zhao Y, Katanic Z, Kuzma AB, Ho PC, Tzeng KT, Valladares O, Chou SY. Alzheimer’s Disease Variant Portal: A catalog of genetic findings for Alzheimer’s Disease. *Journal of Alzheimer’s Disease*. 2022;86(1):461-477. Co-first author.
11. Fu W, Ho PC, Liu CL, Tzeng KT, Nayeem N, Moore JS, Wang LS, Chou SY. Reconcile the debate over protective effects of BCG vaccine against COVID-19. *Scientific Reports*. 2021 Apr 16;11(1):8356. First author.
12. Fu W, Liu F. Unemployment insurance and cigarette smoking. *Journal of Health Economics*. 2019 Jan 10; 63:34-51.

WORKING PAPERS

1. “NIH grant expansion, ancestral diversity and scientific discovery in genomics research.” (with Shin-Yi Chou and Li-San Wang), NBER Working Paper No. 30155. 2025. *R&R, Journal of Population Economics*.
2. “Local problems, local solutions: Evidence from the Drug-Free Communities program on Youth Development.” (with Shijun You and Shin-Yi Chou), NBER Working Paper No. 34182. 2025. *Submitted*.
3. “Capping the First Script: Initial Opioid Prescription Limits and Intimate Partner Violence.” (with Ashley C. Bradford). 2025. *Submitted*.
4. “Protecting children through paid family leave: Reduced child maltreatment in the short- and long-run.” (with Muzhe Yang). 2025.
5. “Abortion, Economic Hardship, and Crime.” (with Erkmen G. Aslim, Caitlin Myers, Erdal Tekin, and Bingjin Xue). 2025.
6. “Improving fairness in aging-related AI: A conceptual model for mitigating biases.” (with Qingwei Wang, Huixin Zhong, Kexin Bao, and Jiawei Cao). 2025. *Submitted*.
7. “Association between the inclusion of ADRD hierarchical condition category in Medicare Advantage risk adjustment model and health care experiences.” (with Yuting Qian, Seyed Karimi, Hamid Zarei, and Xi Chen). 2025. *Submitted*.

8. “Homes in limbo, children at risk: Exploring the link between housing instability and child maltreatment using the discontinuity of the Protecting Tenants at Foreclosure Act.” (with Muzhe Yang). 2024. *Submitted*.
9. “Excise tax and the take-up of public health insurance: Evidence from cigarette tax hikes.” (with Chen Huang and Feng Liu). 2024.
10. “Proximity to abortion services and child maltreatment.” (with Aslim G. Erkmén and Erdal Tekin), NBER Working Paper No. 32771. 2024. *Submitted*.
11. “Extraversion genes, childhood environment, and occupational choices.” (with Chia-Lun Liu, Pei-Chuan Ho, and Shin-Yi Chou), 2022.

GRANTS

On-going:

Kentucky Cabinet for Health and Family Services 2024-2026
 Evaluate the Quality of Care and Equity in Behavioral Health for the Kentucky Medicaid Population
Role: Co-PI (PI: Dr. Qi Zheng, University of Louisville), effort: 35%
Total budget: \$700,298

Submitted:

National Institutes of Health (R01) 2026-2031
 A Multidimensional Framework for Assessing Occupational Mismatch Across the Life Course and Its Cognitive and Mental Health Consequences
Role: PI
Site PI: Shin-Yi Chou (Lehigh U), Tzeng Jung-Ying (NC state), Pei-Chuan Ho, Li-San Wang (UPenn)
Total budget: \$1,433,380

Completed:

Kentucky Cabinet for Health and Family Services 2023-2024
 Understanding Behavioral Health Landscape and Feasibility of Mobile Crisis Interventions
Role: Co-Investigator (PI: Dr. Brian Schaefer, University of Louisville), effort: 11.3%
Total budget: \$1,712,449.62

Unfunded Grant Proposals

National Bureau of Economic Research 2025
 Evaluating Impact of Risk-Adjusted Payment Change in 2020 on ADRD Care in Medicare Advantage
Role: Principal Investigator
Total Budget: \$103,323

Kentucky Cabinet for Health and Family Services 2024
 Optimizing Kentucky's Drug Control Strategies: An Evidence-Based Comparative
 Analysis of Community, Health Provider, and Government-led Policies
Role: Principal Investigator
Total Budget: \$804,634.48

CONFERENCE PARTICIPATION & INVITED TALKS

2025	Southeast Health Economics Study Group Meeting (UNC Chapel Hill); University of Louisville (Louisville); 100 th Western Economic Association, International (WEAI, San Francisco, <i>scheduled</i>); The University of Maryland, Baltimore County (Baltimore); The Chinese Economists Society North American Annual Conference (Michigan); Peking University (Beijing, China)
2024	The Commonwealth Institute of Kentucky, University of Louisville (Louisville); The iHEA Econ-Omics Webinar (online); Institute for Economic and Social Research (IESR), Jinan University (Guangzhou, China); Institute for Advanced Research (IAR), Shanghai University of Finance and Economics (Shanghai, China); Shanghai University of International Business and Economics (Shanghai, China); Hunan University (Changsha, China); Hunan Normal University (Changsha, China); The International Association for Applied Econometrics Annual Conference (Xiamen, China); ASSA-ASHEcon (San Diego); North American Urban Economic Association (Washington DC); The Southern Economic Association 94 th annual meeting (Washington DC).
2023	Leonard and Davis Institute of Health Economics (Philadelphia); University of Louisville (Louisville); Eastern Economic Association 49 th Annual Conference (New York); 2023 American Society of Health Economists (St. Louis).
2022	Penn Neurodegeneration Genomics Center (PNGC), University of Pennsylvania (Philadelphia); Drexel University (Philadelphia); Creighton University (Omaha); Northern Arizona University (Flagstaff); Peking University (Virtual); University of Texas at Tyler (Tyler).
2020	APPAM (Virtual).
2019	The 2019 meetings of Society of Economics of the HOusehold (SEHO, Lisbon, Portugal).
2018	Chinese Economist Society North America Annual Conference (Athens); Eastern Economic Association 44 th Annual Conference (Boston).
2017	International Health Economic Association Congress (Boston); Eastern Economic Association 43 th Annual Conference (New York).

REFERENCING SERVICE

Referee (23 papers as of 10/2024):

American Journal of Health Economics (2), *Journal of Human Resources* (1), *Health Economics* (6), *China Economic Quarterly* (1), *Journal of Public Health Policy* (1), *Social Science & Medicine - Population Health* (1), *Economics and Human Biology* (3), *BMC – Psychology* (1), *China Economic Review* (1), *Journal of Regional Science* (1), *Journal of Policy Analysis and Management* (1), *Contemporary Economic Policy* (3), *Journal of Population Economics* (1), *American Journal of Agricultural Economics*(1), *Journal of the Agricultural and Applied Economics Association* (1), *World Development*(1), *Labour Economics* (1).

PROFESSIONAL SERVICE

Department/School Services

Faculty Council	2024-2026
School of Public Health and Information Sciences, University of Louisville	
Ph.D. Program Committee	2024-
Department of Health Management and Systems Sciences, University of Louisville	
Faculty Search Committee	2024
Department of Health Management and Systems Sciences, University of Louisville	
Ph.D. Admission Committee	2024-
Department of Health Management and Systems Sciences, University of Louisville	

Advising

- Hamid Zarei (Ph.D. Committee member. University of Louisville, 2024-)
- Shijun You (Ph.D. Committee member. Lehigh University, 2023-2025), University of International Business and Economics, Beijing, China
- Derek Ann (Undergraduate mentor, University of Pennsylvania, 2023-2025(expected))
- Mary Curnutte (Ph.D. Committee member. University of Louisville, 2024-2025)
- Mohamed Ali (Ph.D. Committee member. University of Louisville, 2024-2025)

TEACHING EXPERIENCE

Assistant Professor at University of Louisville

2025 Fall	Statistical Analysis in Population Health (Ph.D.), Health Service Research Methods II (Ph.D.)
2025 Spring	Health Service Research Methods I (Ph.D.), Microeconomics (Ph.D.)
2024 Spring	Health Service Research Methods I (PhD).
2023 Fall	Population Health Quantitative Methods (Graduate).

Adjunct Lecturer at Lehigh University

2021 Spring Applied Econometrics (Undergraduate and Graduate Mixed, Online).
 2019 Summer MBA Quantitative Elements (Graduate).
 2019 Spring Econometrics (Undergraduate).
 2019 Spring Statistical Methods (Undergraduate).
 2018 Summer Statistical Methods (Undergraduate).

FELLOWSHIPS, AWARDS, AND DISTINCTIONS

2020	Stout Dissertation Award, Lehigh University.
2019	Journal Publication Award, Department of Economics, Lehigh University.
2019	Doctoral Travel Grant, Lehigh University.
2018	The Shanghai 14 th Philosophy and Social Science Excellent Academic Achievement Award, 2 nd Prize (with Yuanyuan Chen), Shanghai.
2016-2017	Presidential Fellowship, Lehigh University.