LIFANG PAN
CURRICULUM VITAE

PERSONAL INFROMATION

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ACADEMIC APPOINTMENT AND OTHER EXPERIENCE

2025 - present   Research Teaching Specialist I, Institute for Health, Rutgers - The State University of New Jersey

- Leading statistical resource for large, complex health services research studies funded by the NIH and other competitive funders, as well as the State of New Jersey and the Robert Wood Johnson Foundation.
- Designing and conducting highly specialized technical research.
- Supervising a junior member of the analytic staff; contributing to project and resource planning; understanding and keeping abreast of all federal state, agency, grant, and center standards for ensuring human subjects privacy protection; and collaborating with other members of the investigative team to develop rigorous scientific projects that advance the Center's mission of informing state health policy and expanding the Center's research portfolio.

2018 – 2024   Technicial Support Assistant Level III, Research Foundation for Meantal Hygiene Inc., New York, NY

- Designed, conducted data analysis and result visualization for publication.
- Interpreted analytic findings and wrote data analysis method section for research papers.
- Collaborated with data management team in planning and implementation of data quality assurance.
- Reviewed questionnaire data to verify accuracy, consistency, and compliance with plans.

2017 – 2019   Adjunct Lecturer, Hunter College – CUNY, New York, NY

- Taught statistics and mathematics courses to undergraduate students.

2015 – 2017   Referee, Urban Studies (Economics Journal), UK

- Provided anonymous comments and acceptance suggestion on papers submitted to the journal.

2012 – 2014   Data Analyst, Division of Economic Operation, Wuhan Municipal Commission of Economy & Information Technology, Hubei, China

- Analyzed massive complex data sets, based on 1900 industrial enterprises, consolidated them into monthly economic operation handbooks by collaborating with multiple internal and external departments.

- Successfully delivered error free 'Wuhan Industry Operation Yearbook' (city's population size was over 10 millions in 2012) as a reference material for reporting to Mayor's always met time deadlines.
- Collected, reviewed and reported operation and financial survey data from city's top-100 industrial entities.
- Maintained monthly internal database and posted update economic operation data to the commission's website.

2007 – 2012   Ph.D candidate/Research Assistant, School of Economics, Huazhong University of Science and Technology, Hubei, China
- As a team leader, successfully delivered 5+ economic research projects within budgets with 10 Ph.d candidates.
- Gathered and documented requirements elicited from objects of research and research principals.
- Collected, validated, reconciled, and analyzed data for quantitative and qualitative research.
- Built research models, developed and executed test plans to improve high project quality.
- Organized and facilitated key meetings and coordinated international workshops.
- Published academic papers and wrote research reports for various projects.

2011 - 2012   Visiting Scholar (3 months program), School of Politics and Global Studies, Arizona State University, Tempe, AZ

- Visiting study and prepared dissertation for graduation.

EDUCATION

M.A	Statistics and Applied Mathematics, Hunter College, CUNY (GPA 3.8/4.0)
M.A, Ph.D	Economics, Huazhong University of Science and Technology (Top 10%)
B.A	International Trade, Central China Normal University (Top 10%)

PUBLICATION AND WORKING PAPER

1. S. M. A. Mehdi, A. P. Costa, C. Svob, Lifang. Pan, W. J. Dartora, A. Talati, M. J. Gameroff , P. J. Wickramaratne, M. M. Weissman and L. B. J. McIntire (2024) Depression and cognition are associated with lipid dysregulation in both a multigenerational study of depression and the National Health and Nutrition Examination Survey. Translational Psychiatry (official accepted)
2. Prakash Adekkanattu, Mark Olfson, Leah C Susser, Braja Patra, Veer Vekaria, Brandon J Coombes, Lauren Lepow, Brian Fennessy, Alexander Charney, Euijung Ryu, Kurt D Miller, Lifang Pan, Tenzin Yangchen, Ardesheer Talati, Priya Wickramaratne, Myrna Weissman, John Mann, Joanna M Biernacka, Jyotishman Pathak (2023) Comorbidity and healthcare utilization in patients with treatment resistant depression: A large-scale retrospective cohort analysis using electronic health records. Journal of Affective Disorders. 324(2023)102-113.
3. Ardesheer Talati, Milenna T.van Dijk, Lifang Pan, Xuejun Hao, Zhishun Wang, Marc Gameroff, Zhengchao Dong, Jürgen Kayser, Stewart Shankman, Priya J.Wickramaratne, Jonathan Posner, Myrna M.Weissman. (2022) Putamen Structure and Function in Familial Risk for Depression: A Multimodal Imaging Study. Biological Psychiatry. S0006-3223(22)01429-9

4. Myrna M.Weissman, Ardesheer Talati, Marc J.Gameroff, Lifang Pan, Jamie Skipper, Jonathan E.Posner, Priya J.Wickramaratne. (2021) Enduring problems in the offspring of depressed parents followed up to 38 years. eClinicalMedicine, Volume 38.
5. Lisa Miller, Priya Wickramaratne, Xuejun Hao, Clayton H. McClintock, Lifang Pan, Connie Svob, Myrna M. Weissman. (2021) Altruism and "love of neighbor" offer neuroanatomical protection against depression. Psychiatry Research: Neuroimaging, Volume 315.
6. David Saunders, Connie Svob, Lifang Pan, Eyal Abraham, Jonathan Posner, Myrna Weissman, Priya Wickramaratne. (2021) Differential Association of Spirituality and Religiosity with Rumination Implications for the Treatment of Depression. The Journal of Nervous and Mental Disease: Volume 209 - Issue 5
7. Eyal Abraham, Myrna Weissman, Priya Wickramaratne, Milenna T.van Dijk, Lifang Pan, Marc Gameroff, Yun Wang, Jiook Cha, Jonathan Posner, Ardesheer Talati. (2020) Concordance of Parent-Offspring Cortico-Basal Ganglia White Matter Connectivity: The Role of Parental Depression and Parent-Child Bonding. Biological Psychiatry: Volume 87, Issue 9
8. Classification of Fish Species for the Nature Conservancy. (Thesis) Instructed by Iordan Slavov. 2017
9. Hongzhong Fan, Lifang Pan. Commuting and Housing Policies, Preferential Investment Policies and Excess Urban Concentration in China, Urban Studies, December 2014
10. Weidong Zhang, Lifang Pan. Microeconomics (Textbook), Tsinghua University Press, 2013.
11. A Study on the Labor Contract in Unequipollent Terms (Dissertation). Instructed by Weidong Zhang, 2012.
12. Weidong Zhang, Lifang Pan. Research on Trading State-owned Shares: A Chinese Style. Annual Report on China's Property and Intellectual Property Exchanges, Social Sciences Academic Press, 2012.
13. Lifang Pan, Guangqin Xiong. Identify and Inquiry into the Manufacturing Industrial Clusters Development in Wuhan. The International Conference on Business Management and Electronic Information, 2011.

SKILLS/ADDITIONAL INFORMATION

Technical Skills	SAS, SQL, R, Python, Microsoft Office Suites, Tableau, AWS.
Statistical Knowledge	Machine Learning, Convolutional Neural Networks, Survival Analysis, Structural Equation Model, Data Mining, A/B testing, Principal Component Analysis, etc.