XIANGMING ZHAN

EDUCATION

Arizona State University, PhD, Nursing   2024 - Present

Fudan University, MA, Nursing(with honors)   2020 - 2023

Anhui Medical University, BA, Nursing (with honors)   2015 - 2019

RESEARCH INTERESTS

Methodologies: Machine Learning, Causal Inference
Topics: Intersection of Nursing, Computer Science, and Economics.

PUBLICATIONS

Li, Q., Zhan, X., Wang, J., Lu, H. (2021). Considerations and guidance to control the rebound in COVID-19 cases. BioScience Trends, 15(5), 341-344.

Xiangming, Z., Hongzhou, L. (2021). Research progress of the impact of COVID-19 on AIDS patients worldwide. Electronic Journal of Emerging Infectious Diseases, 6(4), 356.

WORKING PAPER

Understanding the interplay between sleep disorders, depression and frailty among HIV patients in China: a cross-sectional path analysis, under review

Identifying Individual and Network-Level Predictors of Stimulant Use Among People Living with HIV: An Analysis of the Florida Cohort III Study, in progress

RESEARCH IN PROGRESS

Topic Modeling to Bridge the Gap Between AIDS Patient Narratives and Educational Materials

Leveraging Text Analytics and Word Embeddings to Enhance PrEP Awareness and Uptake from Social Media Discourse

Predicting Length of Stay and Hospitalization Costs for AIDS Patients Using Multimodal Machine Learning

TEACHING EXPERIENCE

Teaching Assistant, *Evidence-based Nursing,Fudan University*   *Sep 2020 -Dec 2020*

Teaching Assistant, *Fundamental Nursing, Anhui Medical University*   *May 2016 - Jul 2017*

SKILLS

Software	Python, R, SQL, Mplus, SAS, Spss
Certificate	Registered Nurse(China)

NURSING EXPERIENCES

Registered Nurse, *Shanghai Public Health Center, 2021.12-2022.12*

Intern Nurse, *Nanjing Gulou Hospital, 2018.4-2019.4*