Tianhang Zhang

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EDUCATION

09.2019-09.2020 **Imperial College London, UK**
MSc Epidemiology, Merit
Relevant Modules: Compulsory sessions include: Principles and Methods of Epidemiology, Introduction to Statistical Thinking and Data Analysis, Infectious Disease Modelling, Bayesian statistics, and Advanced regression. The overall mark is over 70%.

09.2017-09.2018 **University College London, UK**
MSc Global Health and Development, Merit
Relevant Modules: Concepts and Controversies in Global Health, Research Methods and Evidence for Global Health, International Child Health, global mental health.
Project: Dissertation focuses on chronic disease self-management program (CDSMP) in China.

09.2013-07.2017 **University of Liverpool, UK/ Xi'an Jiaotong-Liverpool University (XJTLU) China
 (2+2 Education Program)**
BSc (Hons) Molecular Biology & Biotechnology, 2:1 Honours degree
Relevant Modules: Immune System in Health and Disease, E-biology: Informatics for Life Science, Gene and Cancer, and Cell Signalling in Health Disease.
Project: Molecular Biology Bioinformatics Research Project in Malaria Protein.

WORK AND RESEARCH EXPERIENCE

05.2021-Now **Shanghai Clinical Research Center
Clinical Statistician**

- Write and review Statistical Analysis Plans (SAP).

- Provide statistical support for all phases of clinical development.

- Specific responsibilities include writing statistical analysis reports, data analysis, and epidemiology design.

- Data analysis using SAS/R programs.

04.2020- 09.2020 **Imperial College London, UK
Master Dissertation**

- Project: The association of the allostatic load, subjective sleep quality, and cognitive performance in preclinical AD project with data analysis using R.

- Analysis: Allostatic load index, Subjective sleep parameter (PSQI), and cognitive performance (RBANS and G-PACC), GEE model.

- Get first class grade of dissertation (72%).

- The part of results would be continue worked for joint publication with others.

04.2019- 03.2021 **Duke Kunshan University, China
Research Assistant**

- Take part in the allostatic load project with data analysis in terms of descriptive analysis and inferential analysis (survival analysis) using STATA and R.

- The article about "The Association between Allostatic Load and Mortality among Chinese Older Adults: The Chinese Longitudinal Health and Longevity Study" has publicated by BMJ open, as first author.

- My contributions include literature review, research question, data analysis, and manuscript writing including introduction, method, results, and discussion.

- Full-time research assistant (04.2019-08.2019) and remote working for revising manuscript (09.2019-07.2020). Revising and editing (09.2020-03.2021)

11.2018-01.2019   **Shaanxi Provincial Centre for Disease Control and Prevention, China**
                      Intern as Research Assistant
- Taking part in risk factor analysis used SPSS.
- Contributing to the article about "Analysis of trends on smoking prevalence and its risk factors in Shaanxi province 2007-2015", it has been published in 'Chinses Journal of Epidemiology', as a co-author.
- My contributions: data analysis of risk factors of smoking among Shaxxi population, including alcohol and physical activities.

03.2018-09.2018   **University College London, Institute for Global Health, UK**
                      Master Final Dissertation
- Systematic review project in effectiveness of chronic disease self-management program in prevention and control in China.

06.2014-08.2014   **Suzhou Institute of Nano-tech and Nano-bionics (SINANO)**
                      Research assistant
- Support primary data analysis (SPSS) in descriptive analysis. And literature review works in lung cancer.

ACTIVITIES
02.11.2019   **EIT Health Innovation**
- Our group focused on patients with diabetes, asthma and pain, developing online platform to stratify her needs for effective diagnosis, rapid prescription
- Win the third-place prize

03.2018-Now   **Chunfeng Health**
- As co-manager build a WeChat Official Account called "Chunfeng Health".

ADDITIONAL SKILLS AND ACHIEVEMENTS
IT SKILLS
MS Office, Photoshop, iMovie

Coding SKILLS
SPSS and STATA: experiences with data analysis in internship project (smoking) and internship about exploring association between allostatic load and mortality.

R and OpenBUGS in spatial analysis**:** experiences in running spatial-temporal model (Bayesian analysis) for disease mapping, which got high mark (90%) of spatial analysis module in Imperial College London

R: studying and practice across the whole modules in Master in Epidemiology in Imperial college London; including data analysis concept and infectious disease outbreak forecasting modelling concept.

SAS Programming for clinical data analysis.

LANGUAGES
Native Chinese, Fluent English

PUBLISHED ARTICLE
Wang Weihua, Qiu Lin, Sa Rina, Hu Zhiping, Liu Rong, Wu Meng, Liu Feng, **Zhang Tianhang**. Analysis of trends on smoking prevalence and its risk factors in Shaanxi province 2007-2015. *Chinese Journal of Epidemiology*, 2020, 41(3): 395-399.

Zhang T, Yan LL, Chen H, et al. Association between allostatic load and mortality among Chinese older adults: the Chinese Longitudinal Health and Longevity Study. BMJ Open 2021;11:e045369. doi: 10.1136/bmjopen-2020-045369