

# Zelei Miao

## Education

PhD, Westlake Institute for Advanced Study, Westlake University, China	09/2018 ~
MPH, Faculty of Medicine, University of Sydney, Australia	03/2017- 04/2018
Average mark: 81.9	
B.Sc. Health Inspection, West China School of Public Health Sichuan University, China	09/2012- 06/2016
Average mark: 87.8	

## Research Experience

<b>Project participants, use of routinely-collected data for evaluating Stepping On program, Australia</b>	09/2017-11/2017
<ul style="list-style-type: none"><li>- Modelled the changing population over time</li><li>- Organized data structure for stepped wedge analysis using LGA as geographical unit</li><li>- Mapped statistical local area (SLA) to local government area (LGA) for stepped wedge analysis to evaluate Stepping On</li></ul>	
<b>Researcher, Meta-analysis of the Effect of Vitamin D on Gestational Diabetes Mellitus, China</b>	05/2015 - 05/2016
<ul style="list-style-type: none"><li>- Reviewed the state-of-arts on this topic, and made a retrieval strategy</li><li>- Searched RCTs from Embase, Medline, Cochrane library, CNKI and CBM database based on inclusion criteria</li><li>- Selected studies, evaluated the quality of the studies, and extracted data based on exclusion criteria</li><li>- Performed meta-analysis with Review Manager 5.2</li></ul>	
<b>Researcher, Survey on the Cognition Situation of HPV Vaccine from the Parents of High School Students, China</b>	05/2015 - 05/2016
<ul style="list-style-type: none"><li>- Designed the questionnaire to collect data, including the basic information of students and their parents, parents' knowledge and attitudes about HPV vaccine as well as their advices about sex education</li><li>- Surveyed the parents of 150 high school students of Chengdu Zhonghe High School</li><li>- Recorded data with Epidata 3.1 and analyzed data with SPSS 21.0 to summarize the survey results</li></ul>	
<b>Project Leader, Study on Health Education of AIDS Prevention through Sina Weibo and WeChat, China</b>	05/2013 - 05/2014
<ul style="list-style-type: none"><li>- Advocated AIDS prevention in social networking apps-AIDS More Learning More Understanding (Sina Weibo); AIDS-121(WeChat)</li></ul>	

## Publications/Presentations

Zhang, Y; LONG, P; Zhang, L; Miao, Z; Yan, R; ZHAI, J. *Epidemiological Studies on the Prevention and Treatment Effects of Exercise on Gestational Diabetes Mellitus*, MODERN PREVENTIVE MEDICINE, 2016, 43(14):2571-2576.

LIAO, X; SUN, D; Zhang, Y; Miao Z. *Influence Factors of Prophylactic Human Papillomavirus Vaccine's Application*, MEDICAL INFORMATION, 2016, 29(10):315-315, 316. DOI:10.3969/j.issn.1006-1959.2016.10.260.

Zhang, Y; Zhang, L; Yan, R; MIAO, Z; LONG, P; ZHAI, J. *Effect of Vitamin D on Gestational Diabetes Mellitus: A Meta-Analysis*, MODERN PREVENTIVE MEDICINE, 2016, 43(24):4459-4461+4466.

## Technical Experience

<b>Clinical Trial Assistant, Medtronic, Inc. Shanghai, China</b>	01/2018- 04/2018
-Literature searches and analysis	
<b>Data Analyst Intern, GBI Group Limited. Shanghai, China</b>	12/2017- 12/2017
-Responsible for health data quality control, including drug name and drug company	
<b>Data Entry(Paid), Health Service Survey on Jianyang Residents, Department of Health and Social Behavior, West China school of Public Health, Sichuan University</b>	12/2015 - 03/2016
- Responsible for 400 questionnaires	
<b>Intern Laboratorian, Nanchong Centre for Disease Control and Prevention, Nanchong, China</b>	07/2015 - 09/2015
- Attended in physical and chemical testing in charge of examining oxygen level in drinking water with Potassium permanganate method and pesticide level in tea leaves with GC-MS method	
- Assisted in testing fungus in beef, the drug resistance of Mycobacterium tuberculosis and the number of CD4 cells in AIDS patients	
<b>Project Apprentice, Human Sperm Bank, Chengdu, China</b>	07/2014 - 09/2014
- Study of health research methodologies and proposals from Dr. Li	
- Surveyed on difference between public hospital and private hospital	

## Extracurricular Experience

Volunteer, Youth Volunteers Association of Sichuan University, Chengdu, China	09/2012 - 07/2016
Volunteer, Sanitary Inspection Theory and Technology Progress Seminars, Chengdu, China	12/2014
Volunteer, Knowledge and Skills Contest of College Students' Health Inspection, China	11/2014
Volunteer, Fifth International Conference on Palliative Medicine, Chengdu, China	09/2014
3rd-class scholarship on comprehensive study of Sichuan University (9%)	09/2014 - 07/2015
Huang Qianheng Scholarship (2%)	09/2014 - 07/2015
2nd-class scholarship on comprehensive study of Sichuan University (4%)	09/2013 - 07/2014
Captain of debate team, School of Public Health	09/2013 - 07/2014

## Other

Computer Skills: Access SAS SPSS Python



**WIAS** 浙江西湖高等研究院  
WESTLAKE INSTITUTE FOR ADVANCED STUDY

Dear UK Biobank staff,

I am writing to support my PhD students Zelei Miao and Wanglong Gou to be included in the application of UK biobank data.

I confirm that they will be supervised by myself on any projects involving UK Biobank data.

Thank you for your consideration.

Best wishes,

20 Apr. 2018

Ju-Sheng Zheng, PhD, Principal Investigator

Director, Laboratory of Human Nutrition and Epidemiology

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