

Ziting Wu

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Education

- 2015.09-2020.12 **Peking University – Ph.D. Candidate**
Department of Occupational and Environmental Health Sciences
- 2018.09-2020.09 **Yale University – Joint Ph.D. student**
Department of Health Policy and Management
- 2011.09-2015.06 **Lanzhou University – B.M.**
Management of Public Health Affairs, Rank: 2/47

Researching Experiences

- 2021.03- **Postdoctoral research fellow of National School of Development / Institute of Global Health and Development, Peking University**
- 2018.02-2020.12 **Doctoral project: The Associations between Ambient Fine Particulate Matter Exposure and Hospital Admission Risks and Costs in Beijing, China**
- Main Contents:
1. To estimate the impact of short- and long-term PM_{2.5} exposure on hospital admission risks of seven mutually exclusive disease groups.
2. To establish the associations between short- and long-term PM_{2.5} exposure and hospital admissions, days in hospital, total and out-of-pocket hospitalization expenses.
- Methods:
1. Mixed Poisson Regression; 2. Micro-costing Approach
- 2016.03-2018.09 **China Coal Consumption Cap Plan and Policy Research Project - The Health Effects of China Coal Consumption Cap**
- Supported by the Natural Resources Defense Council (NRDC)
Overall in charge of the project, time-series analyses for the health impacts of air pollution, sampling and filter membrane weighting, PM_{2.5} weight and source appointment data management and analyses.
- 2016.09-2018.09 **Ministry of Education-UNICEF Project of upgrading the Water and Sanitation Services in Schools in China**
- Supported by the United Nations International Children's Emergency Fund (UNICEF)
Overall in charge of the project, field questionnaire survey for 4177 primary school students and their guardians in 55 schools, data analyses for personal health and hygiene status and their influencing factors of students, final report producing.

Teaching Experiences

- 2017.04-2017.06 Lab Session instructor for undergraduate course *Environmental Health*

Since 2019.12	Author for <i>Explain Statistics thoroughly, R software application in Wechat subscription KnowSharing</i>
Since 2020.09	Instructor for <i>Frequently used Statistical Method in Environmental Epidemiology</i> in Medieco Group (www.mediecogroup.com)

Selected Papers (first/co-first author. 4 in SCI, 1 in Chinese Key Journal)

1. **Wu Z**, et al. Attributable risk and economic cost of hospital admissions for mental disorders due to PM_{2.5} in Beijing. *Sci Total Environ.* 2020; 718: 137274.
2. Zeng Q, **Wu Z**, et al. The association between inhalable particulate matter and YLL caused by COPD in a typical city in northern China. *Atmospheric Environ.* 2018; 172: 26-31.
3. Zeng Q, **Wu Z**, et al. The association between ambient inhalable particulate matter and the disease burden of respiratory disease: An ecological study based on ten-year time series data in Tianjin, China. *Environ Res.* 2017; 157:71-7.
4. **Wu Z**, et al. Ambient sulfur dioxide and years of life lost from stroke in China: A nationwide time-series analysis. *Chemosphere.* (under review)
5. **Wu Z**, et al. Investigation on Personal Health and Hygiene Status and Their Influencing Factors of Third Grade Students in Mile City. *J Environ Health.* 2020. (Accepted)

International Conference Presentations

2020.08	<i>The 32nd Conference of the International Society of Environmental Epidemiology (ISEE 2020, Washington DC, USA). Poster</i>
2020.04	<i>Population Association of America 2020 Annual Meeting (PAA 2020, Washington DC, USA). Poster</i>
2018.03	<i>Summary Meeting of School Environment improvement Project 2016-2017, Ministry of Education-UNICEF (Kunming, China). Oral</i>
2017.09	<i>The 29th Annual Scientific Conference of the International Society of Environmental Epidemiology (ISEE 2017, Sydney, Australia). Oral</i>

Skills

Software	R, SPSS, Microsoft Office, Endnote, Epidata
Language	English (Fluent. Advanced Interpretation Certificate by Shanghai Interpretation Accreditation)

Honors & Awards

2018, 2019	Peking University National Second-class Academic Scholarship
2018.12	Peking University Excellent Scientific Research Award
2018.06	State Scholarship for International Study
2015, 2017	Peking University National First-class Academic Scholarship
2015.06	Lanzhou University Excellent Graduate
2012-2014	Lanzhou University First-class Academic Scholarship