

Jian Zou

Resume

E-mail: jz2924@columbia.edu

EDUCATION

Columbia University, Mailman School of Public Health, New York, NY *Expected June 2019*
MS in Biostatistics (Theory and Method track)

Central China Normal University, School of Life Science, Wuhan, China *June 2017*
BS in Biology and Chemistry (Dual Degree) || GPA: 3.85/4.0

- Excellent Graduate
- Research Assistant at Laboratory of Environmental Biomedicine
- Member of a specialized research-oriented interdisciplinary program under Life Science

EXPERIENCE

Intern, Information Division, Shenzhen Center for Disease Control and Prevention *July – August 2016*

- Understood the sampling process of mortality surveillance system
- Handled missing values and made quality check of citizen death and air pollution data
- Participated in the correlation analysis of the air pollution and cardiovascular mortality

Team Leader, National University Students Innovation Program *March – December 2015*

Research Project: Application of Glutathione to Antagonize H₂O₂-induced Oxidative Stress in Rat Tracheal Epithelial Cells (sponsored by the Ministry of Education of the P.R. China)

- Designed experiment and procedure
- Evaluated the activity and the level of oxidative stress of NR8383 and RTE cells
- Processed and visualized experimental data
- Won second prize at National Life Science Innovation Experiment Contest

Participant, Extensive Training Course *May – June 2015*

Program: Identifying Chemical Carcinogens

- Sorted data about chemical carcinogens with international classification methods
- Delivered a presentation about the carcinogenicity of formaldehyde based on literature research

Editor, Central China Normal University YaoLan Magazine *September 2013 – September 2014*

- Edited manuscripts for novel section
- Organized club activities

PUBLICATION

Jian Zou, Jinbo Yu, Yuqing Zhu, Jiali Zhu, Jing Du, & Xu Yang (2016). “Application of Glutathione to Antagonize H₂O₂-induced Oxidative Stress in Rat Tracheal Epithelial Cells”, *Frontiers in Biology* (ISSN: 1674-7992) (a Springer Journal).

SKILLS

Computers: Microsoft Office, GraphPad Prism, Matlab, Origin, R, SPSS

Languages: Mandarin (Level 1B), English (TOEFL:101, GRE:323)