

# Jian Zou

## Resume

20G, Tower 3, 100 Haven Avenue, New York, NY, 10032

Tel: (917)913-4892

E-mail: jz2924@columbia.edu

## EDUCATION

---

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

*Expected June 2019*

**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 H<sub>2</sub>O<sub>2</sub>-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 H<sub>2</sub>O<sub>2</sub>-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)