

Xin Zheng

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100 Haven Avenue, Columbia University Medical Center, New York, NY, 10032

EDUCATION

Bachelor of Science, Biological Science

Beijing Forestry University, College of Biological Sciences and Technology GPA:3.7

Beijing, China

09/2013---07/2017

Master of Science, Biostatistics

Columbia University, Mailman School of Public Health

New York, USA

09/2017-07/2019(projected)

RESEARCH EXPERIENCE

Research on Black Film covering for eliminating Oncomelania (Graduation Thesis)

Beijing, China

09/2016-06/2017

Instruction: In this project, we plan to place thicken black plastic film mulch over vegetation soil, to keep the temperature steady, and investigate the time needed to interrupt the photosynthesis and kill plants in spring and winter. By eliminating the food of the Oncomelania in order to control the snails' reproduction, we can control the reproduction and spread of schistosomiasis.

A Study on Cedarwood Leaves' Polarization and its Regulatory Molecule Mechanism

Beijing, China

Role: Team Leader

10/2015-10/2016

Instruction: I led a team, wrote the research proposal and won 1,400USD municipal scholarship support from the National College Students' Innovation Competition. I organized team members to design the experiment. We collected and compared structures of green cedar and grey branch cedar leaves. We also detected chlorophyll fluorescence parameters and used R to sort and analyze data. In the end, we obtained the leaf structures, observed the lignin's autofluorescence through the fluorescent microscope, made charts and graphs and found there was no major difference.

Survey on the understanding of H1N1 of the public in Beichuan County

Mianyang, China

Role: Team Leader; Supervisor: Meng Xianhong

01/2014-02/2014

We did random surveys in crowded parks and commercial streets in the urban areas of Beichuan. 1200 copies of the questionnaire were distributed, and 1068 copies of the collected questionnaires were valid. Additionally, we followed up with the respondents and collected detailed and comprehensive opinions from them on the H1N1 situation. We also interviewed the principal Center for Disease Control (CDC)'s offices in Chengdu to understand their measures and policies in preventing the H1N1. At last, we sort their answers and data and analyze them.

WORK EXPERIENCES

CDC of Sichuan Province, Intern

Chengdu, China

07/2016-08/2016

Participated in research projects, and took part in policy meetings hosted by local branches of CDC; made investigation about local public health situation; collected data about different public health issues and programs; helped researchers to do evaluation and compose research reports.

Zhuiyuanyun Education Company, Team leader of Customer Service

Beijing, China

Helped students learn TOFEL, CET6; in charge of the communication between teachers and students; arranged manager's schedule as well as teachers' teaching schedules; Organized weekly meetings.

10/2016-05/2017

New Line and Star Culture and Media Ltd. Co., Etiquette Internship

Beijing, China

Organized and participated in the monthly etiquette training; Arranged and participated in Universities' Fashion Show in Beijing; carried out the Street Snap Activities.

10/2013-present

ACTIVITIES& HONORS

Vice President, Student Union, Beijing Forestry University

2015-2016

Minister, PR department, Student Union, Beijing Forestry University

2014-2015

Member, PR department, Student Union, Beijing Forestry University

2013-2014

Etiquette Member, Beijing Forestry University

2013-2016

Excellent Students Leader, Beijing Forestry University

2015

Third Prize Scholarship for academic excellence

2014, 2015, 2016

PROFESSIONAL SKILLS & TALENT

Skills: R Language, SAS(beginner), MS Office, PCR, semi-thin sectioning, Southern blot, protein purification

Talents: Piano