

Bingjie Zhou

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◆ NUTRITION EPIDEMIOLOGY ◆ HEALTH DATA ANALYSIS ◆ DATA VISUALIZATION

Core Competencies:

- Regression Analysis
- Epidemiology Methods
- R/Advanced SAS/Tableau
- Research Study Support
- Scheduling & Workflows
- Solution Management

Experience:

Jean Mayer USDA Human Nutrition Research Center on Aging **Feb 2018 – March 2019**
GRADUATE RESEARCH ASSISTANT | NUTRITION AND GENOMICS LAB

Project: Metabolomic signatures of sugary beverages intake in relation to obesity - R

- Data management for a cohort study including demographic, genomic and metabolomic data
- Developed statistical analyses using the generalized linear model
- Presented on 2019 American Society for Nutrition Annual Meeting
- Drafted and submitted manuscript (Pending review)

Friedman School of Nutrition Science and Policy, Tufts University **Jan 2019 - Present**
RESEARCH ASSISTANT | DIVISION OF NUTRITION DATA SCIENCE

Project 1: Visualizing Foodborne Disease Seasonality – Time series analysis -Tableau and R

- Worked on the development of refining visualization for foodborne disease using CDC's publicly available database, FoodNet Fast, ten states in the United States from 1996 to 2017
- Established multi-panel graphs including radar plot, histogram, line chart
- Poster presented in the 17th Annual Freeman Symposium at Harvard Public Health School
- Oral Presentation at the Analytics Without Borders Conference

Project 2: Coffee consumption in Association with Mortality Among US Adults: National Health and Nutrition Examination Survey, 1999-2014-SAS

- Established hypotheses conducted literature review.
- Extracted diet recall data from multiple survey cycles and merged with demographic and mortality data
- Developed statistical analyses using the Cox Proportion Hazard model in SAS

Project 3: Association Between Different Types of Fat and Mortality in Woman with Breast cancer-SAS

- Established hypotheses conducted literature review.
- Generate demographic table in using SAS procedure
- Analyzed association of fat types and all-cause mortality in woman using Cox Proportion Hazard model

Teaching Assistant of Nutrition Epidemiology Course

Provided teaching support for a graduate level course designed to help students conducting or better interpreting epidemiological studies relating to diet and nutritional status to disease and health.

College of Veterinary Medicine, China Agricultural University

INTERN | VETERINARY TEACHING HOSPITAL **Feb 2018 – May 2018**

- Served as consultant to help pet owners in the hospital
- Collected case information and report to Veterinary.
- Took care of inpatient pets and recorded their recovery progress

VISITING SCHOLAR | VETERINARY SCHOOL AT IOWA STATE UNIVERSITY **Jun 2016-Aug 2016**

Education & Technical

FRIEDMAN SCHOOL OF NUTRITION SCIENCE AND POLICY, TUFTS UNIVERSIT **May 2019**

Master of Science in Nutrition

CHINA AGRICULTURAL UNIVERSITY, BEIJING, CHINA **JULY 2017**

Bachelor of Science in Veterinary Medicine

Technical & Other Skills

- *Programming language: SAS with Advanced Certificate, R, Python*
- *Biotechnology: PCR, ELISA, Western blot, Mouse model*
- *Microsoft Office: Word, Excel, PowerPoint,*