Huilan Tang

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EDUCATION

Columbia University Mailman School of Public Health, New York, NY

MPH candidate in Epidemiology with Applied Biostatistics Certificate   Expected May 2018

University of South China, China

Bachelor of Medicine (equivalent to MD in U.S.)   Jun 2016

PROFESSIONAL EXPERIENCE

NYC Department of Health and Mental Hygiene, Data Analyst Intern (HRTP)   Oct 2017 -Present
- Analyzed the conducted survey data about social determinants of health among New Yorkers by using SAS and SAS-callable SUDAAN and prepared data visualizations including graphs, tables and maps
- Wrote reports and the manuscript for a peer reviewed journal that will describe the results of the survey

New York University School of Medicine, SAS Analysis Assistant   Oct 2017 -Present
- Conducted SAS to analysis the NHANES data for the dental pilot project

Herbert Irving Cancer Center, Graduate Researcher   Sept 2017 – Present
- Wrote IRB protocol and performed literature reviews to find covariates for the cancer project
- Established multiple regression models for cancers and clinical trials research
- Programed extensively in R to clean and analyze the patients' diagnosis data

NewYork-Presbyterian Hospital, Data Analyst Intern   Dec 2016 – Aug 2017
- Compiled demographic data for the study area zipcodes in Manhattan using NYC Census data and estimated the market share for study hospitals from MoSAIC zipcodes using data from SPARCS(New York State database)
- Performed SAS analysis to calculate hospitalization rates and community infection rates for respiratory virus
- Conducted literature reviews of reported virus-specific hospital rates
- Created a poster and wrote an abstract, presenting the results to CDC

XiangYa Hospital, Central South University, Clinical Intern   Dec 2012 - July 2015
- Provided daily evaluations and medical records for average 3 patients/day
- Collaborated with physicians in different departments, providing optimal treatments to patients
- Contributed in consulting meetings to discuss treatments plans and presented rare diseases cases for 4 times

LEADERSHIP AND VOLUNTEER EXPERIENCE

Columbia University Medical Center, Medical Chinese Teaching Volunteer   Sept 2017 – Present
- Taught 20 first-year medical students how to take patients' history and have conversation/small talks with patients in Chinese, aiming to prepare students for future medical mission trips to China

Healthcare Data Analyst Club, Vice President of External Communication   Sept 2017 to Present
- Built relationships with internal and external organizations and seek out speakers and alumni

PUBLICATIONS

Chen WL, Niu YY, Jiang WZ, **Tang HL**, Zhang C, Xia QM, Tang XQ. Neuroprotective effects of hydrogen sulfide and the underlying signaling pathways. Reviews in the Neurosciences 26(2):129-42,2015

SKILLS AND CERTIFICATIONS

Advanced knowledge of SQL, MS Office (Access, Excel, PowerPoint, Word), PASS and QGIS; and statistical applications including SAS, R, Stata, and SPSS; HIPAA and CITI Human Subjects with Minors and FDA certifications; Bilingual in English/Chinese(Mandarin) and some knowledge of Spanish