

Ngoc Duong

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Incoming MS in Biostatistics student at the Mailman School of Public Health, Columbia University. I have experience with research projects involving data wrangling and statistical modeling of socioeconomic/biological risk factors for diseases.

EDUCATION

Vassar College, Poughkeepsie, NY 08/2014 – 05/2018

Dual degree, BA in Economics, BA in Chinese Language and Literature GPA: 3.83/4.0

- Relevant Coursework: Biology of Human Microbiome, Epidemiology, Statistics and Experimental Design, Econometrics, Multivariate Analysis, Applied Statistical Modelling, Multivariable Calculus, Linear Algebra

QUALIFICATIONS

Technical Skills: R, Stata (proficient), SAS, Matlab, QGIS (working knowledge), Microsoft Office (proficient)

Language: Vietnamese (Native), Mandarin Chinese (Professional working proficiency)

PROJECTS

Immunity and Cognitive Function Among Elderly People in the US (SAS, R) 03/2018 – 05/2018

- Led a three-student team to review literature, manage and analyze NHANES 2017 data using multivariate regression

“Excuse Me, I’m Sorry”: The Effects of Apologies and Excuses for Mistakes (STATA, R) 03/2018 – 05/2018

- Co-led a four-student team to design economic experiment, collect and analyze categorical data using regression

Socioeconomic risk factors of viral hepatitis B infection in the US (R) 11/2017 – 12/2017

- Applied statistical modeling methods (logistic regression) to NHANES 2017 cross-sectional data

Hepatitis B knowledge and practices among medical providers in Vietnam (STATA, R) 06/2017 – 08/2017

- Worked closely with a graduate student on literature reviews and data analysis using statistical tests and regression

RELEVANT EXPERIENCE

Economic Research and Consulting

Research Assistant, Center for Talent Innovation, New York, NY 12/2018 – Present

CTI leverages the power of data to quantify value-adds of Diversity and Inclusion efforts with an intersectional lens

- Conduct literature reviews to establish frameworks for Mental Health, Black Talent, and Belonging research projects
- Analyze survey data to suggest solutions for effectively advancing black talent in the corporate workplace
- Proofread and fact-check market research reports in preparation for publication

Health Research and Advocacy

Research Assistant, ACCESS Lab, NYU College of Global Public Health, New York, NY 09/2018 – 05/2019

The Lab develops innovative methods to engage socio-economically disadvantaged populations in public health research.

- Led the South-Central LA Initiative which utilizes QGIS to examine ways in which socio-economic status, race, and place are linked to food injustice, and its impact on health
- Collected health statistics of the formerly incarcerated through publicly available data and interviews to identify barriers to their successful re-entry into local communities

Research Intern, P18 Study, Center for Health, Identity, Behavior, and Prevention Studies, NYU 09/2018 – 12/2018

P18 is a three-year study on substance use, sexual risk, and mental health among 600 young men who have sex with men

- Administered surveys and conduct participant assessments per protocol to collect data for different studies
- Entered and cleaned quantitative data; ensured accuracy and integrity of qualitative data
- Reviewed literature on barriers to and facilitators for HPV vaccination among men who have sex with men

Community Health Intern, Asian Liver Center at Stanford University, Palo Alto, CA 06/2017 – 08/2017

Asian Liver Center is the first US non-profit organization that addresses the disproportionately high rates of chronic hepatitis B infection and liver cancer in Asians and Asian Americans through collaboration, advocacy, research, and education

- Planned and implemented four community and corporate outreach events to raise awareness of hepatitis B and liver cancer among API community, reaching out to and educating approximately 1000 people
- Analyzed data provided by the Vietnamese Ministry of Health on hepatitis B prevention knowledge, attitude, and practices (KAP) among 400 health care professionals in Vietnam
- Designed an education brochure and directed an advocacy video on hepatitis prevention for Vietnamese audience

LEADERSHIP AND ACTIVITIES

Math, Statistics, and Economics tutor, Fashion Institute of Technology, New York, NY 01/2019 – present

Microeconomics Tutor, City Tutors, City College New York, New York, NY 01/2019 – 05/2019

Treasurer, Southeast Asian Students’ Alliance – Vassar College, Poughkeepsie, NY 09/2015 – 05/2018