JACKY CHOI

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EDUCATION

Columbia University, Mailman School of Public Health, New York, NY   (GPA 3.76)   Expected May 2019
- **Master of Public Health**, Department of Epidemiology, Certificate: Applied Biostatistics

Cornell University, College of Arts and Sciences, Ithaca, NY (GPA 3.68)   2010-2014
- Bachelor of Arts, Major: Biology & Society, Minors: Global Health; Nutrition and Health

SKILLS

Data Analysis and Data Science: EDA, wrangling, manipulation, reporting, management, and visualization
R (RStudio, R Markdown): tidyverse, ggplot2, shiny, janitor, dlpyr, knitr, lubridate, sqldf, MASS, survival
SAS (Base, Enterprise, Studio): Linear and logistic regression, ANOVA, survival analysis, GEE and MLM models
Relational Databases and Languages: Microsoft Access, SQL (MS SQL, MySQL, PROC SQL)
Research: Recruitment, data collection, literature reviews, training, operations, evaluation and analysis, reports

EXPERIENCES

NYC Department of Health, Long Island City, NY   June 2018-Mar 2019
Data Manager (*HRTP Graduate Intern*)
- Performed statistical analysis between sample characteristics and PEP and PrEP uptake, trends, and outcomes among men who have sex with men (MSM) and women of color (WOC) using SAS
- Assisted with data cleaning, reporting, and pulls for the Sexual Health Survey by finalizing analytical datasets, completed data tables for independent researchers, and met external data requests
- Developed raw and analytic codebooks containing analytic variables, skip patterns, and other skip logic
- Created supporting documentation to streamline processes for data management and reporting for future

Westat, Health Studies Area, Rockville, MD   Dec 2014-July 2017
Research Analyst (*Dec. 2016 – July 2017*) | *Research Assistant* (*Dec. 2014 – Dec. 2016*)
- Supported the design, implementation, and analysis of USDA research projects; learned and utilized SAS; developed instruments; completed technical reports and deliverables; and created training materials
- Projects included working alongside statisticians and statistical programmers to ensure data files from 25 State agencies were clean enough to construct sampling frame of child care centers
- Other projects involved evaluation work of the National School Breakfast and Lunch Programs, data visualization for the Wounded Warriors Project's annual report, and recruitment of SNAP agencies

Cornell University Global Health Program/UBELONG, Kasoa, Ghana   Summer 2013
International Volunteer
- Launched an independent public health research project to gauge a community's knowledge, attitudes, and practices toward HIV/AIDS and supervised a public health team to complete the task

OTHER

- Master's Thesis (In Progress): Examining association between social/sexual network changes among Black MSM and condomless anal sex with serodiscordant sex partners using HPTN 061 dataset
- https://jmc2392.github.io/: Portfolio containing projects related to exploratory data analysis, formal statistical tests, survival analysis, and biostatistics using R, SAS, and SQL
- Next Steps: Learn Tableau and Python (numPy, pandas)