

Kee-Young Shin

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EDUCATION

Columbia University Mailman School of Public Health
Master of Science in Biostatistics, Theory & Methods Track
GPA: 3.87

September 2018-- Present

University of North Carolina at Chapel Hill
Sociology
GPA: Cumulative: 3.33, Major: 3.63
Academic Honors: Honors Carolina Laureate

Graduated: May 2017

PUBLICATIONS

Hamilton, A. **Shin, S.** Conserve, D. & Taggart, T. (2018). HIV testing barriers and intervention strategies among men, transgender women, female sex workers, and incarcerated persons in the Caribbean: a systematic review. *Sexually Transmitted Infections*. 10 September 2019. doi: 10.1136/sextrans-2018-053932

EXPERIENCE

Aaron Diamond AIDS Research Center
Statistical Analyst

New York, NY

Spring 2019 – Present

- Primary statistical contact in analysis of HIV/AIDS projects related to Pre-exposure Prophylaxis use and risk factors
- Performed various analyses and predictive modeling including logistic regressions (proportional odds, multinomial etc.), Factor Analysis, Structural Equation Modeling, and others using SAS and R
- Implemented machine learning algorithms including Random Forest for classification

Department of Medicine-Infectious Diseases of New Jersey Medical School
Statistical Research Assistant

Newark, New Jersey

Fall 2019-Present

- Worked with investigators, statisticians and study coordinators in design and set-up of case report forms for clinical, translational and basic science protocols related to biomarkers of Tuberculosis and household contact
- Merged datasets and summarized findings through plots using SAS and created databases using REDCap
- Assisted with statistical analyses, literature reviews, or other study-related tasks as needed

UNC Gillings School of Global Public Health
Health Behavior Research Assistant and Coauthor

Chapel Hill, NC

Spring 2017-Fall 2017

- Developed manuscripts for study on HIV intervention in the Caribbean using EndNote
 - Drafted introduction and results sections regarding intervention strategies and barriers to HIV testing
 - Analyzed the effectiveness of existing intervention strategies and provided new potential solutions to address the barriers to HIV testing
 - Selected for poster presentation at the Consortium of Universities for Global Health Conference in New York City
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LEADERSHIP POSITIONS

Medical Dialogue Club
Internal Executive Board

Chapel Hill, NC

Fall 2015 – Fall 2016

- Delegated tasks to a team of 15 people, managed relations within the organization, and determined the organization's mission and goal for the year
- Created an MCAT Library for members of the club wherein students could borrow test books and sample tests

Honors Carolina Leadership Board
Project Coordinator

Chapel Hill, NC

Fall 2014 – Fall 2015

- Facilitated social events for students in Honors Carolina every month
 - Generated surveys given to all Honors students on how to create a better experience for Honors Carolina students, which were used as blueprints for future surveys
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SKILLS, ACTIVITIES, & INTERESTS

Languages: Proficient in English and Korean

Additional Activities: Korean American Student Association, Red Cross Club, Asian Student Association, Graduate Student Association

Skills: Proficient in R, SAS, Python, SQL, Mplus, EndNote, REDCAP, Metaboanalyst 3.0, and Excel