

# 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*

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## 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

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## 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, Mplus, Python, SQL, EndNote, REDCAP, Metaboanalyst 3.0, and Excel