www.khstats.com
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KATHERINE HOFFMAN

EDUCATION

University of Michigan, Ann Arbor, MI — *M.S. in Biostatistics*   SEP 2016 – MAY 2018

Biostatistics Student Association President; Statistics in the Community (STATCOM) volunteer;
Coursework: Probability Theory, Statistical Inference, Generalized Linear Models, Longitudinal Analysis,
Bayesian Theory, Survival Analysis, Clinical Trials, Genetic Epidemiology, Modeling of Infectious Diseases

University of Detroit Mercy, Detroit, MI — *B.S. in Biochemistry*   SEP 2011 – MAY 2015

Magna Cum Laude. NCAA Division I softball pitcher 2011-2015; Team Captain 2015. Honors Graduate;
Thesis: *Tracing the Role of Artists in Reducing the Negative Stigma of Mental Illness*

EXPERIENCE

Weill Cornell Medicine, New York, NY

Research Biostatistician III   NOV 2021 – PRESENT
Research Biostatistician II   JUL 2020 – SEP 2021
Research Biostatistician I   AUG 2018 – JUN 2020

- Primary biostatistician for Division of Pulmonary and Critical Care; assists with study design; data management, cleaning, exploration, and visualization; statistical modeling; manuscript writing
- Assists Dr. Ivan Diaz with causal inference methodology papers and applications
- Direct supervisor of two Programmer Analysts since December 2020
- Teaching Assistant for Biostatistics and Data Science M.S. courses: Data Science I, Biostatistics II, Modern Methods for Causal Inference, Introduction to Health Services Research, and Longitudinal Data Analysis for Clinicians
- Host of internal Biostatistics Computing Club

University of Michigan, Ann Arbor, MI

Graduate Student Research Assistant   FEB 2017 – MAY 2018

- Assisted with geospatial analysis of association of air pollution with end stage renal failure using R with Dr. Peter Song's Biostatistics Lab
- Searched for inversions in the dog genome using Python and UNIX with Dr. Jeffrey Kidd's Computational Biology Lab
- Visualized feeding patterns of *Drosophila* from high-dimensional data sets in R with Dr. Monica Dus' Neuroscience and Epigenetics Lab

SOFTWARE

Active: R, markdown, LaTeX, git/Github, UNIX, SAS, Adobe Creative Cloud

Previous: Python, SQL, Matlab, Java, Maple