

Dillon Corrigan

BIostatistician

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Experience

Cleveland Clinic

Cleveland, Ohio

BIostatistician

August 2020 - Present

- Consults with investigators in the Glickman Urological and Kinney Institute to determine questions of interest and data needed to answer those questions.
- Determines and carries out appropriate statistical analyses and clearly communicates the results of the analyses.
- Assists with writing and editing of clinical study protocols, manuscripts for peer reviewed journal submission, and grant proposals.

Federal Reserve Bank of Minneapolis

Minneapolis, Minnesota

RESEARCH ASSISTANT

June 2019 - August 2020

- Supported ongoing economics/econometrics research projects in the Center for Indian Country Development.
- Conducted exploratory data analysis, statistical modeling, and regression on large federal survey data.
- Prepared reports using R Markdown and LaTeX that effectively communicate results of analyses to a variety of stakeholders.
- Worked with a Native American CDFI to assess the efficacy of financial programs intended to build wealth in Indian Country.

University of Minnesota

Minneapolis, Minnesota

GRADUATE TEACHING ASSISTANT

June 2019 - August 2020

- Led weekly lab sessions, monitored online discussion forums, and performed grading for PUBH 6414 Biostatistical Literacy (Fall 2019, Spring 2020) and PUBH 3415/7415 Introduction to Clinical Trials (Summer 2019).

University of Colorado Denver

Denver, Colorado

COLORADO SUMMER INSTITUTE IN BIostatISTICS (CoSIBS)

June 2017 - August 2017

- Worked with a team of physicians and biostatisticians to investigate the relationship between the microbiome and pathogenesis of ventilator-associated pneumonia.
- Used PCA and other non-parametric methods to analyze data from gastric and tracheal microbiomes.
- Successfully used dplyr, ggplot2, phyloseq, and other packages in R to carry out data cleaning and analysis.

Education

University of Minnesota

Minneapolis, Minnesota

MS BIostatISTICS

September 2018 - May 2020

- MS Project: multinomss: An R Package for Retrospective Space-Time Cluster Detection Using the Multinomial Scan Statistic.
- Recipient of 2020 Biostatistics Teaching Assistant Award.

University of Dayton

Dayton, Ohio

BS BIOLOGY

August 2010 - May 2014

Publications

AT Beksac, D Corrigan, MA Zeinab, Z Schwen, A Aminsharifi, J Kaouk

The Journal of Urology

MP59-07 LONG TERM COMPARATIVE OUTCOMES OF ROBOTIC PARTIAL NEPHRECTOMY AND CRYOABLATION IN PATIENTS WITH SOLITARY KIDNEYS: A SINGLE CENTER ANALYSIS

2021

PB Murthy, Z Lone, D Corrigan, R Campbell, C Munoz-Lopez, M Caveney, ...

Urologic Oncology: Seminars and Original Investigations

SURVIVAL OUTCOMES FOLLOWING RADICAL CYSTECTOMY IN PATIENTS WITH PRIOR PELVIC RADIATION FOR PROSTATE CANCER: A MATCHED COHORT ANALYSIS

2021

Skills

Statistics

SURVIVAL ANALYSIS, CAUSAL INFERENCE, CLINICAL TRIALS, REGRESSION, GENERALIZED LINEAR MODELING, MIXED MODELING, CORRELATED DATA ANALYSIS, DATA EXPLORATION AND VISUALIZATION

Programming

R (TIDYVERSE, DATA.TABLE, RCPP, SHINY, KNITR/R MARKDOWN), SAS, C++ (ARMADILLO, EIGEN), SQL