Corey Richard Brennan

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EDUCATION	**Columbia University**, New York, NY	**May 2018**
	M.P.H. Epidemiology & Applied Biostatistics	
	University of North Carolina, Chapel Hill, NC	**July 2014**
	B.S. Psychology; B.A. Peace, War, and Defense	

RELEVANT COURSEWORK

Data Science - Categorical Data Analysis **-** Applied Regression I **-** Applied Regression II
Research Data Coordination - Clinical Trial Methodology - Pharmacoepidemiology
Advanced Statistical and Computational Methods in Genetics and Genomics - Latent Variable Modeling
Introduction to Programming - Data Structures and Performance - Programming Languages: Python
Epidemiology II: Observational Epi - Epidemiology III: Applied Analysis

ANALYTICAL SKILLS

R (RStudio, Tidyverse, RMarkdown) - SAS - SQL (MySQL, PostgreSQL, Access)
Plotly - SPSS - Java - Python - Github - Microsoft Office Suite - MPlus

PROFESSIONAL EXPERIENCE

Columbia University Medical Center, New York, NY **May 2017 - Present**
Transplant Outcomes Research Assistant, Division of Nephrology

- Utilized predictive modeling, survival analysis, and statistical tests to investigate kidney transplant patient outcomes.
- Conducted data mining and abstraction from electronic medical records (EMRs)
- Cleaned large data sets to be analyzed using SAS statistical programming and SQL Data Manipulation Language (DML).
- Created and utilized SAS macros and programming to efficiently format data and assess transplant outcomes.
- Performed literature reviews and prepared research manuscripts for submission, generating all data analyses.
- Presented research findings to lay and proficient audiences using clear language and visuals.

Duke Clinical Research Institute, Durham, NC **Feb 2015 - Apr 2016**
Clinical Trials Assistant, Clinical Trials Operations

- Gained familiarity with the pharmaceutical development process and Clinical Research Organization (CRO) structure and SOPs.
- Performed information management for site, project, and team activities in established systems and spreadsheets.
- Managed development, compilation, dissemination, collection, tracking and report generation of regulatory and other essential trial documents.
- Conducted collection and tracking of completed data forms, data queries, and source documents as required.
- Maintained accurate and complete regulatory and investigator files per SOPs and established trial-specific guidelines.

Clinical Trials

ARLG – Antibacterial Resistance Leadership Group
Purpose: To prioritize, design and execute clinical research that will reduce the public health threat of antibacterial resistance.

SPRITES – Sertraline Pediatric Registry for the Evaluation of Safety
Purpose: To evaluate the long-term impact of treatment with sertraline on aspects of cognitive, emotional and physical development and pubertal maturation in pediatric subjects ages 6 to 16 years (inclusive) with a diagnosis of anxiety disorder, depressive disorder, or obsessive compulsive disorder.

TRAINING / CERTIFICATIONS

CITI Human Subject Protection
Adverse Events and Serious Adverse Events
Regulatory Documents for Commercial Drug Trials
Clinical Research Monitoring Training
Clinical Trial Management System Database Training