

Zackery R. White

EDUCATION

University of Delaware (College of Health Science) – Newark, DE Doctor of Philosophy, Epidemiology; Focus on Disaster Epidemiology	Expected May 2024
Columbia University (Mailman School of Public Health) – New York, NY Master of Public Health, Epidemiology, Certificate in Public Health and Humanitarian Action	May 2020
Rensselaer Polytechnic Institute – Troy, NY Bachelor of Science, Biomedical Engineering	May 2018

SELECTED PROFESSIONAL EXPERIENCE

Department of Behavioral Health & Nutrition University of Delaware – Newark, DE <i>Virtual Course Instructor – Introduction to Epidemiology</i>	September 2020 – Present
National Center for Disaster Preparedness Columbia University – New York, NY <i>Research Staff Assistant</i> <ul style="list-style-type: none">Generated decision support tool development and examine the role of employee absenteeism in the continuity of business operations for utility services during the COVID-19 pandemic.Supported projects that focused on assessing the persistent, long-term disaster recovery needs of those affected by Hurricane Harvey. Drafted client-facing project reports to improve client's philanthropic disaster recovery planning.	October 2019 – June 2021
Department of Epidemiology Columbia University – New York, NY <i>Study Manager & Research Assistant</i> <ul style="list-style-type: none">Synthesized and conducted household questionnaires in the Jamaica Bay area assessing for stress-based indicators theoretically caused by an increase in nuisance flooding attributed to global climate change.Engaged directly with community members to schedule participant interviews, while building the community's awareness and acceptance of the pilot project.	September 2018 – May 2020
Ghana Health Services – Gushegu, Northern Region, Ghana <i>Health Systems Technical Consultant</i> <ul style="list-style-type: none">Collated existing community-based referral protocols for data collection, conducted a data quality analysis of referral logs to identify potential gaps.Translated the findings of my research into sustainable solutions aimed at increasing the health directorate's data capture ability and presented this work to the Director of the Ghana Health Service.	June 2019 – August 2019

VOLUNTEER EXPERIENCE

NYC Department of Health and Mental Hygiene – Queens, NY <i>TEAM EPI Member</i>	Fall 2018 – Winter 2019
RPI Ambulance – Troy, NY <i>Emergency Medical Technician / Event EMS Supervisor / President</i>	September 2014 – May 2018

SOFTWARE SKILLS

- Microsoft Office Suite: Excel, Office, OneNote, PowerPoint
- ArcGIS, Minitab, NX 9.0, QGIS, Qualtrics, CSS, HTML, Python, R, SAS, SPSS, Stata

SELECTED PUBLICATIONS

Business Continuity as Self-Efficacy: Augmenting Existing Business Continuity Practice (revised and resubmitted) <i>Zachary Cox, Zackery White, James Kendra, Yajaira Ayala, Cornelia Posch, Roni Fraser, Marlea Winslow, David Woodruff, Liza MacFadyen and Bridget Flynn</i>
COVID-19: Integrating Data Variability into Contemporary COVID-19 Decision Support (in press) <i>Gunjan Saxena, Jackie Ratner, Jeff Schlegelmilch, Zackery White, Kevin Wongsodirdjo, Susanna Aguilar, Daniel Kushner, Aleks Paaso</i>
Using Analytics to Support a Utility's Initial Response to COVID-19 Amid an Uncertain Evidence Base (2021) <i>Jeff Schlegelmilch, Aleks Paaso, Jackie Ratner, Gunjan Saxena, Zackery White, Susanna Aguilar, Daniel Kushner, Norayr Matevosyan, Jaime Ortega, and Shay Bahramirad</i>
Current Data Gaps in Modeling Essential Worker Absenteeism Due to COVID-19 (2020) <i>Zackery White, Jeff Schlegelmilch, Jackie Ratner, Gunjan Saxena, Kevin Wongsodirdjo, Susanna Aguilar, Daniel Kushner, Jim Ortega, Aleks Paaso and Shay Bahramirad</i>