

Colten James Strickland

2003 Rising Sun LN A2 Wilmington, DE 19807

Phone: (504) 239-7872

Email: cjstrick91@gmail.com

Education

- **University of Delaware**, Newark, DE..... September 2018 – Present (Spring 2022)
 - **PhD** in Epidemiology

- **Tulane University School of Public Health and Tropical Medicine**,
New Orleans, LA..... Summer 2015
 - **MPH** in Disaster Management (Environmental Health)
 - Thesis: Utah Surge Capacity: An Evaluation of Hospital Capability to Withstand Crisis Standards of Care During an Earthquake in the Wasatch Front

- **Utah Valley University**, Orem, UT Spring 2013
 - **BS** in Philosophy (Existentialism) / Minor in Peace and Justice Studies
 - Thesis: An Existential Foundation for Nonviolence

Work Experience

- COVID-19 Epidemiologist, Philadelphia Department of Public Health (PDPH)..... June 2020 – Present
 - Worked with the COVID-19 Epidemiology Manager (EM) to transition COVID-19 responsibilities from temporary emergency epidemiology staff and train new incoming staff
 - Co-developed PDPH's mask surveillance system with the EM in collaboration with the Delaware Valley Intelligence Center (DVIC)
 - Developed and manage the Hospital Capacity Report Tableau dashboard for PDPH and partners
 - Working with the Pennsylvania Department of Health (PDOH) to manage PDPH COVID-19 surveillance and reporting
 - Manage COVID-19 death data and information requests
 - Assist in the daily COVID-19 surveillance report for the city of Philadelphia
 - Assist the COVID Containment Epidemiology team with their data analyses and projects

- Graduate Research Assistant, Disaster Research Center (DRC) September 2018 – Present
 - * *Advisor - Dr. Jennifer Horney, Department of Epidemiology, University of Delaware (UD)*
 - Developed and oversaw the COVID-19 health compliance survey for the College of Health Sciences which was later modified to be implemented university wide
 - Assisting in the development of the epidemiology program (MPH and PhD) at UD
 - Teaching assistant for Epidemiology I Methods course for the first MPH class
 - Graduate Research Assistant - Disaster Planning, Preparedness, and Response for Rural Long-Term Care Providers Health Resources and Services Administration, Southwest Rural Health Research Center, September 1, 2018 – August 31, 2020
 - Attended the Delaware Division of Public Health, Emerging Infectious Disease Tabletop Exercise
 - Developed competency-based materials for MPH core classes under Provost eLearning grant
 - Represented the UD Epidemiology Program at Council on Education for Public Health (CEPH) training

Colten James Strickland

2003 Rising Sun LN A2 Wilmington, DE 19807

Phone: (504) 239-7872

Email: cjstrick91@gmail.com

- Conducted face-to-face interviews for a Community Assessment for Public Health Emergency Response (CASPER) in several neighborhoods near/in Chester, PA
- Public Health Associate, Centers for Disease Control (CDC)October 2016 – August 2018
**Assigned to the Multnomah County Health Department (MCHD) Communicable Disease Services, Immunization Program - Portland, OR*
 - Led the vaccine hesitancy group for the MCHD
 - Developed an online risk assessment informational survey during a Hepatitis A outbreak which was adopted by the State
 - Conducted patient interviews during outbreak of shiga toxin-producing *E. coli*
 - Engaged in project management with communicable disease epidemiology team
 - Developed immunization-based community outreach education materials
 - Collected, cleaned, and analyzed county immunization data
 - Developed a statewide infection control homeless shelter survey for local health departments
 - Assisted in a mobile community immunization clinic for the local homeless shelter
 - Contributed to developing and formatting the MCHD Emergency Response Plan
 - Ran mobile community immunization clinics for out-of-compliant students
 - Co-wrote “Public Health Emergency Preparedness Practices and the Management of Frontline Communicable Disease Response” with communicable disease director
 - Introduced multiple new software packages to the immunization team
- Emergency Planner, Utah Division of Emergency ManagementApril 2016 – September 2016
 - Formatted the Utah Emergency Operations Plan (EOP)
 - Worked with ESF#8 - Health and Medical Group to create their annex for the Utah EOP
 - Worked with The Governor’s Office, ESF#8, and the Utah State Office of Education to update and format their Continuity of Operations Plans
 - Produced daily situation reports of local incidents, particularly wildfires
 - Member on the Utah EOP Planning Review Committee
 - Provided technology training to ESF#5 – Planning Group
- Emergency Planner Intern, Utah Department of Health Bureau of Preparedness.....Summer 2014
 - Conducted a state joint risk assessment
 - Participated in the 2014 SNS full-scale exercise
 - Completed multiple data projects regarding emergency preparedness for Utah hospitals and the Western United States’ burn unit collaboration
 - Prepared over 1,000 72-hour emergency preparedness kits for Utah refugees
 - Led emergency preparedness community outreach at the 2014 Utah Health Fair
 - Conducted an earthquake risk analysis and literature review
- Epidemiologist Intern, Utah County Health Department2012 – 2013
 - Conducted a GIS analysis of the 2012 Utah pertussis outbreak
 - Wrote the 2012 annual report of all enteric diseases for Utah County
 - Conducted epidemiological analysis of enteric outbreaks in Utah County
 - Participated in the quarterly disaster epidemiology meetings

Colten James Strickland

2003 Rising Sun LN A2 Wilmington, DE 19807

Phone: (504) 239-7872

Email: cjstrick91@gmail.com

- Health Unit Coordinator, Utah Valley Regional Medical Center2011 – 2013
 - Completed doctor/nurse orders
 - Conducted all unit data entry
 - Assisted in patient care
 - Organized unit requests
 - Analyzed EKG monitors
 - Completed glucose monitor maintenance

Publications

- Burns KF, **Strickland CJ**, Horney JA. Public Health Student Response to COVID-19. *J Community Health* (2020). <https://doi.org/10.1007/s10900-020-00910-z>
- **Strickland CJ**, Horney JA, Karaye IM. Associations between state public health agency structure and pace and extent of implementation of social distancing control measures. *Journal of Public Health Management and Practice*. (Accepted 05/01/20).
- Radcliff TA, Horney JA, Dobalian A, Macareno BO, Kabir UY, Price C, **Strickland C**. Disaster planning, preparedness, and response among rural long-term care providers. Under review at *Journal of Rural Health* (11 pages, submitted 1/28/20)
- Hooks SK, Hrysko M, **Strickland C**, et al. Can Global Policy Impact Local Environmental Justice? Using CASPER to Assess Perceived Health Effects of an Incinerator. *Hum Ecol* 48, 119–125 (2020). <https://doi.org/10.1007/s10745-020-00133-9>.
- Sullivan AD, **Strickland CJ**, Howard KM. Public Health Emergency Preparedness Practices and the Management of Frontline Communicable Disease Response. *Journal of Public Health Management and Practice*. 2020;26(2):180-183. doi:10.1097/phh.0000000000000963.

Other Publications (Not Peer Reviewed)

- Horney J, **Strickland C**, Dwyer C. (2020). Planning for Everyone: Closing Gaps in Hazard Mitigation Planning. Retrieved December 16, 2020, from <https://hazards.colorado.edu/news/research-counts/planning-for-everyone-closing-gaps-in-hazard-mitigation-planning>
- Horney J, **Strickland C**. (2020). Commentary: Epidemiologists and contact tracers are disease detectives. Retrieved December 16, 2020, from <https://delawarestatenews.net/opinion/commentary/commentary-epidemiologists-and-contact-tracers-are-disease-detectives/>
- Avram, MS. Cluj: Romanian and American students propose to the ministry of health the use of social media in vaccination campaigns. *Romanian National News Agency AGERPRES*. January 22, 2020. <https://www.agerpres.ro/sanatate/2020/01/22/cluj-studenti-romani-si-americi-propun-ministerului-sanatatii-folosirea-social-media-in-campaniile-de-vaccinare--436377>. Accessed February 5, 2020.

Colten James Strickland

2003 Rising Sun LN A2 Wilmington, DE 19807

Phone: (504) 239-7872

Email: cjstrick91@gmail.com

- Horney JA, Hooks SK, Hrysko M, **Strickland C**, Dixon B, Karaye IM, Kirsch KR. (2019) Applying disaster epidemiology methods to investigate potential health impacts of industry in environmental justice neighborhoods. *Annals of Epidemiology* 40(39). DOI: 10.1016/j.annepidem.2019-.08-028.

Certifications

- Federal Emergency Management Agency (FEMA)2014 – Present
 - IS-100b, IS-120a, IS-200b, IS-700a, IS-701a, IS-702a, IS-703a, IS-800b, IS-807
 - ICS 300
- Collaborative Institutional Training Initiative (CITI)2012 – Present
 - Human Research

Software Experience

- | | |
|-----------------------------|---------------------|
| - Adobe Software | - Microsoft Project |
| - ArcGIS | - Qualtrics |
| - BMDS | - @Risk |
| - CDMS | - REDCap |
| - Epi Info | - SAS |
| - Google Software | - STATA |
| - GitHub | - SPSS |
| - JMP | - Tableau |
| - Microsoft Office Software | - WebEOC |

Organization and Group Affiliations

- IAEM@UD2019 – Present
- Disaster Research Center, University of Delaware2018 – Present
- CDC Public Health Associate LGBTQIA+ Workgroup2017 – 2018
- CDC Association for Gay, Lesbian, Bisexual, and Transgender Employees (GLOBE).....2017 – 2018

Awards

- Utah State Division of Emergency Management Excellence Award