**Thirsten stockton**

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*Committed public health professional with a passion for serving underserved communities.*

Education

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| Sep 2024-2028 | **PhD in Epidemiology & Translational Science,** *Translational Epidemiology – Training in Research on Aging and Chronic Disease T32*  University of California, San Francisco |
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| May 2023 | **Master of Public Health** inEpidemiology, *Certificate in Advanced Epidemiology.*  Columbia University Mailman School of Public Health |
| June 2020 | **Bachelor of Arts, Public Health**, Boise State University  *Dean’s List: Spring 2020, Fall 2020. Coursework in health education, health policy, social determinants, research and epidemiology* |

academic awardS AND HONORS

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| 2022 | Columbia University Mailman School of Public Health, Tow Doctoral Scholars Pilot Program participant (Competitively nominated and selected for research-focused mentorship program to prepared students to pursue doctoral study) |
| 2021 | Non-Commissioned Officer of the Quarter Nominee (US Air Force) |
| 2017 | Airman of the Quarter Nominee (US Air Force) |

Research experience

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| August 2024 -Present | Graduate Research Assistant, Dr. Jacqueline Torres Data analyses and manuscript writing. Projects assessing the impact of deportation worry on cognitive outcomes and dementia-related risk factors, and assessing the relationship between depression, inflammation, and cognition using modern causal mediation methods. Code in R. |
| May 2023 – August 2023  February 2024 – August 2024 | Research Data Analyst II, Dr. Jacqueline Torres, Temporary Employment Program Assisted with data analyses and writing. Coded in R. Employed causal inference methods such as targeted maximum likelihood estimation and causal mediation analyses.  . |
| February 2023-present | Graduate Research Assistant, Dr. Silvia Martins, Policy and Health Initiatives on Opioids and Other Substances (PHIOS) Interdisciplinary Group *Assisting with projects focused on drug use and health equity.* Conduct literature reviews, assist with grant writing, and perform basic descriptive statistics. |
| June 2022-December 2022 | Research Assistant (Tow Doctoral Program), Dr. Silvia Martins, Columbia University Mailman School of Public Health *Analyzing alcohol consumption among pregnant women.*  Proposed and designed a research study using data from the National Survey of Drug Use and Health; conducted data analysis using logistic regression in SAS; analyzed prevalence estimates and risk factors for alcohol use in pregnancy including distress. Wrote article for publication, to be submitted to an academic journal. |
| May-August 2022 | Health Research Training Program Intern,Office of Research and Evaluation Bureau of Mental Health,New York City Department of Mental Health and Hygiene. |
|  | *Analyzing the distribution and determinants of mental health status across New York City.* |
|  | Responsibilities involved conducting literature reviews, creating analysis plans, data analysis, and data quality checks. Gained experience analyzing complex survey data using multivariable regression in SUDAAN (SAS). Final Project: The Association Between Fruit and Vegetable Consumption and Psychological Distress in New York City. |
| Oct. 2021 – Present | Research Assistant, Dr. Marisa Spann, N3 early Neuroimaging, Neuroimmune and Neuropsychology Lab, Department of Psychiatry, Columbia University. |
|  | *This laboratory aims to improve our understanding of associations between several types of prenatal exposures including maternal infection, autoimmune disease, BMI, and socioeconomic and psychological distress with offspring psychiatric risk, and the role of infant brain function and structure in mediating this risk.* |
|  | Responsibilities include assisting with manuscript preparation, attending weekly administrative and research meetings, and managing data from 70 respondents in REDCAP. In addition, I also take part in paper discussions to further my understanding in the field. |
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| Jan–March 2020 | Epidemiology Internship,Department of Health Services, County of Sacramento, Public Health |
|  | *Exploring maternal mortality in Sacramento County and the fetal health outcomes associated.* |
|  | Conducted literature reviews, gathered data from registries, and cleaned, entered and analyzed data. In addition, I assisted with Covid-19 response by creating line list for further epidemiologic analysis. Gained familiarity with Incident Command Systems and outbreak investigations. |

Other relevant experience

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| 2015 – 2021 | Nondestructive Test Technician, Idaho Air National Guard/US Air Force. |
|  | *Conducted analysis on aircraft and a variety of aircraft parts to test for defects. Technique expertise in ultrasonic inspections, computed and traditional radiography, eddy current, penetrant analysis, oil analysis (PPM concentrations and wear of metals to diagnosis), and MSS data capture.* |
|  | Experiences included Specialization in A-10 air frame, training 5 new airmen, keeping up to date with our maintenance database. Accurately inspected equipment to ensure safety of staff. Deployed to Afghanistan in support of Operation Freedom Sentinel, 5/11/2020-8/7/2020, supporting forces in high stress situations. Participated in Airman Leadership School training. Promoted 3 times to Final Rank: E-5 (Staff Sergeant, supervising 3 staff and serving as subject matter expert). |
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| 2017 – 2018 | Substitute Paraeducator, Elk Grove Unified School District. |
|  | Assisted teacher in special education classrooms either in a group setting or working  one on one with a student. Responsibilities included ensuring understanding of  material and helping students throughout the day. |

Technical skills and training

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| **Software Packages**  (both Windows  and Mac) | REDCap  SAS  SUDAAN  R/R Studio  Stata  Github  Microsoft Office (Including Excel) |
| **Skills** | Causal Inference  Epidemiologic Methods  Machine Learning  Biostatistics  Data Science |
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| **Languages spoken** | English (native) |
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ABSTRACTS/publications/presentations

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| ***Published Manuscripts***  Pollatou A, Holland C, **Stockton T**, Peterson B, Scheinost D, Monk C, Spann N (2024) “Mapping early brain-body interactions: associations between fetal heart rate variation with newborn functional brain networks.”  *Journal of Neuroscience*  ***Conference Presentations:***  Mueller I, Monk C, Cheng B, **Stockton T**, Rosen T, Peterson BS, Scheinost D, Spann MN (2022) “Mapping a dynamic interplay: Auditory attention and receptive language network development across the first eight months of life” Fetal, Infant, & Toddler Imaging Group Conference, Paris, FR  **Stockton, T,** Calderon L, MacCuish K, Kogut K, Rudolph K., Williams N, Morga N, Camacho J, Garcia L, Perez-Rocha Y, Rodriguez M, Romero M, McDowell-Sánchez A, Warner M, Guo W, Deardorff J, Holland N, Eskenazi B, Torres J. (2025) ”The Bidirectional Relationship Between Depression and Inflammation and Their Roles in Midlife Cognitive Outcomes: The CHAMACOS Maternal Cognition Study 2022-2024” Society of Epidemiologic Research, Boston, MA |
| ***Journal Articles (In Progress):***  **Stockton, T**, Calderon, L, MacCuish, K, Kogut, K, Ambriz E, Deardorff J, Eskenazi B, Torres, J. (n.d.) “Deportation worry, cognitive performance, and other dementia risk factors among middle-aged women: the CHAMACOS Maternal Cognition Study”  **Stockton T,** Calderon L, MacCuish K, Kogut K, Rudolph K., Williams N, Morga N, Camacho J, Garcia L, Perez-Rocha Y, Rodriguez M, Romero M, McDowell-Sánchez A, Warner M, Guo W, Deardorff J, Holland N, Eskenazi B, Torres J. (n.d.) ”The Bidirectional Relationship Between Depression and Inflammation and Their Roles in Midlife Cognitive Outcomes: The CHAMACOS Maternal Cognition Study 2022-2024”  Torres J, Calderon L, MacCuish K, Kogut K, Rudolph K, Williams N, **Stockton T**, Rodriguez M, Romero M, Garcia L, Perez-Rocha, Y, Rojas-Saunero L, Rojas N, Ambriz E, Warner M, González H, Deardorff J, Eskenazi B. (n.d.) “Household Crowding and Neurocognitive Performance in a Cohort of Middle-Aged Latina Women: The CHAMACOS Maternal Cognition Study”  **Stockton T,** Caunca M, Olshen A, Torres J (n.d.) “Important Variables in Predicting Depression among Stroke Survivors: NHANES 2011-2018”  **Stockton T,** Torres J, Caunca M (n.d.) “Universal Basic Income, Cognition, and Incident Dementia”  **Stockton T\*,** Chao Y\*, Calderon L, Jagust W,Torres J (n.d.) “Adverse Childhood Experiences, Cognition, and MRI outcomes” |