

CAMDEN CASTAGNA-MCLEOD

MPH Candidate at Vanderbilt University School of Medicine

781 602-0228 • camden1147@yahoo.com • www.linkedin.com/in/camden-castagna-mcleod • Nashville, TN

Summary

I am a current MPH candidate at Vanderbilt University School of Medicine seeking a role where I can apply my public health knowledge and enthusiasm for analytic projects by May 10, 2024. Throughout my time with the program, I have been developing various papers and projects on infectious diseases, breast cancer, and lung cancer with the intent of publishing. Vanderbilt's MPH curriculum ensures that students gain experience in various areas of public health to foster a well-rounded education.

Education

University of Tennessee - Knoxville

Neuroscience | GPA: **3.85** / 4.0

2018 - 2021

Vanderbilt University

Master of Public Health in Epidemiology | GPA: **3.7** / 4.0

2022 - Present

Experience

Vanderbilt University Medical Center- Department of Radiology

Nashville, TN

Research Assistant

05/2023 - Present

- Chartered a breast cancer screening research study from start to finish for my MPH program's summer practicum
- Developed protocols and submitted applications to both the Vanderbilt University and Tennessee Department of Health (TDH) IRB
- Analyzed, identified, and interpreted trends in age distribution and demographic information of the Tennessee Breast and Cervical Screening Program (TBCSP)'s patients on the statistical software STATA
- Attended and participated in regular meetings with Vanderbilt University Medical Center (VUMC) and Tennessee Department of Health (TDH) staff discussing programs, trends, and future projects related to breast cancer screening interventions in Tennessee
- Created interview guides tailored to women who have and have not received breast cancer screenings to expand the project to patient interviews
- Co-coded qualitative data from provider interviews to gain perspective on effectiveness and adaptability of educational sessions on performing breast cancer screenings using the qualitative statistical software, MAXQDA
- Pioneered a codebook used for identifying barriers and perceptions of low-dose CT lung cancer screening from pre-conducted interviews with Nashville's veteran population
- Co-coded qualitative data on barriers, perception, and experiences of receiving low-dose CT lung cancer screenings within the Nashville veteran population
- Developed a manuscript on patient perceived barriers to lung cancer screening in the VA population using the Socio-Ecological model

Vanderbilt University Emerging Infections Program

Nashville, TN

MPH Student Assistant

07/2022 - 08/2023

- Completed active surveillance of laboratory-confirmed cases of COVID-19 through medical record review, clinical data abstract, and direct data entry into REDCap case report forms (CRFs)
- Determined COVID-19 case eligibility by medical record review of symptoms, treatment, and hospital codes
- Interpreted medical records from various hospital databases including Vanderbilt University Medical Center, Ascension Saint Thomas, and HCA Healthcare
- Extracted vaccination information from the Tennessee Immunization Information System (TennIIS)
- Acquired knowledge for common medical terminology and abbreviations
- Made calls on behalf of the Tennessee Department of Health and the CDC to patients with recent positive flu tests to gain insight on household related transmission
- Wrapped up my role in COVID-19 surveillance to transition to another project within VUMC at their Department of Radiology

University of California, Berkeley

Berkeley, CA

Clinical Research Coordinator

06/2021 - 07/2022

- Executed 1-2 optical related medical device clinical studies from start to close per week
- Drafted and edited paper and electronic CRFs for both sponsored and internal eye related clinical research studies
- Managed quantitative and qualitative study data by collecting, entering, verifying, and interpreting study data for submission to sponsor companies
- Recruited human subjects via cold calling from clinical databases and interest from online advertisements for participation in paid clinical research studies
- Measured keratometry values and dispensed study materials for human subjects including questionnaires and trial contact lenses
- Assisted investigators by communicating with human subjects, collecting data, and preparing study materials
- Processed human subject payment forms for paid research participants
- Distributed, clarified, and verified consent forms for paid research subjects
- Handled study documents such as product traceability forms, study randomization, delegation of authority (DOA) logs, and study protocols
- Closed out completed studies according to UC Berkeley's study completion requirements
- Supervised up to 3 undergraduate student assistants who assisted and observed day-to-day operations of clinical trials and trained my replacement

Columbus Advisors Retirement and Investment Planning

San Francisco, CA

Office Assistant

09/2017- 01/2022

- Completed administrative tasks such as paper and online filing, mailing, and using excel
- Clarified investment account information to both customers and broker dealer companies
- Opened new client accounts for investment purposes
- Redesigned the standard operating procedures of the company

Gordon Couples Research Lab

Knoxville, TN

Undergraduate Research Assistant

01/2021-05/2021

- Input data regarding churches and health care centers that offered premarital couples counseling in Tennessee
- Analyzed research articles on premarital counseling and healthy romantic relationships and applied them to Dr. Gordon's study and my own reflection research paper

University of Tennessee Hodges Library

Knoxville, TN

Student Library Assistant

01/2019-05/2021

- Assisted with library administration tasks such as processing/completing student hiring paperwork and payroll, mailing letters, and filing documents
- Communicated with other library employees and donors by answering phones when needed
- Adapted to a remote work lifestyle during the COVID-19 pandemic by creating donor thank you videos, proposing remote engagement activities among library staff, and communicating efficiently among staff members

Projects

The Effect of Infector's Age and Gender on Influenza Transmission Risk

2023 - Present

I am actively working on this project as part of my MPH thesis at Vanderbilt University. Among household contacts of primary influenza cases who consented and enrolled in the Influenza Transmission Evaluation Study (FluTES) based in Nashville, TN and Marshfield, WI between 2017 and 2020, is the risk of having a positive laboratory-confirmed influenza test within 14 days of index case's positive test result higher when the influenza index case is an adult female (18-49 years old) compared to adult males (ages 18-49) based on social interactions and roles played within the home?

Age Related Breast Cancer Screening Utilization Patterns in the Tennessee Breast and Cervical Screening Program

2023 - Present

Current guidelines in the state of Tennessee recommend that women receive breast cancer screening by the age of 50; however, women may receive breast cancer screening beginning at 40 years old. As part of my MPH practicum, this project aimed to identify disparities in breast cancer screenings and breast cancer outcomes among different age groups and demographics of women participating in the Tennessee Department of Health's Tennessee Breast and Cervical Screening Program (TBCSP). Understanding age distribution and demographic information of TBCSP participants can help identify what types of women are and are not utilizing program services. Identifying utilization patterns among program participants can then help with creating tailored interventions to increase breast cancer screening uptake among eligible women in Tennessee who are not already using the program.

Veteran's Affairs Lung screening – Increasing Access with Narrative Tools (VALIANT)

2023 - Present

VALIANT is a 3 aim study that is working on creating, implementing, and gaining feedback on a digital story telling intervention aimed at increasing lung cancer screening within the Nashville, TN veteran population. I am involved in the first aim in which I co-coded 34 in-depth interviews with veterans to assess acceptability, barriers, and perceptions of lung cancer screening. All de-identified, qualitative data is assessed and analyzed using a codebook I helped pioneer within the MAXQDA software. I am now developing a manuscript intended for publication on the patient perceived barriers to lung cancer screening in the VA population using the Socio-Ecological model. This project is associated with my current employment with VUMC's Department of Radiology.

Early and Increased Influenza Activity Among Children- Tennessee, 2022-23 Influenza Season

2022 - 2022

I was acknowledged for my contribution to this short epidemiology outbreak review. My roles and responsibilities at Vanderbilt University's Emerging Infections Program included flexibility to new projects such as this one. My assistance on this project included collecting patient data via phone call from positive influenza cases within the state of Tennessee.

Skills

• STATA • MAXQDA • Microsoft Programs • REDCap • IRB Applications • Data Entry and Verification • Study Recruitment
Epidemiological Project Design and Execution • Data Management • SAS • Grant Writing • Statistical Data Analysis • Program Evaluation

Presentations

Castagna-McLeod, Camden. Age-Related Breast Cancer Screening Utilization Patterns in the Tennessee Breast and Cervical Screening Program. Poster presented at: Annual Vanderbilt Institute for Medicine and Public Health, Population and Public Health Colloquium; Jan. 2024; Nashville, TN.

Castagna-McLeod, Camden. Breast Cancer Screening Utilization Patterns in the Tennessee Breast and Cervical Screening Program. Poster presented at: Meharry-Vanderbilt-Tennessee State Cancer Partnership 23rd Annual Symposium ; Feb. 2024; Nashville, TN.