

Mia Christopher

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EDUCATION

University at Buffalo, School of Public Health and Health Professions, Buffalo, NY

Master of Public Health, Epidemiology, May 2019

Student Ambassador to the School of Public Health and Health Professions, May 2018-April, 2019

Northeastern University, College of Science, Boston, MA

Bachelor of Science in Behavioral Neuroscience, May 2016

University of Nairobi, Nairobi, Kenya, May-June 2015

Interdisciplinary Program on Public Health, Politics, Culture and Swahili

American College of Thessaloniki, Thessaloniki, Greece, September-December 2012

PUBLIC HEALTH EXPERIENCE

Horizon Health Services, Buffalo, NY

December 2017- present

Behavioral Health Assistant

- Managed operations of a 125-bed intensive residential treatment facility for young adults with substance use disorders
- Redesigned the group schedule for more effective transitions and time management across the facility
- Identified patient behavioral concerns and addressed/reported to program director, monitored medication administration, obtained vital signs, oversaw patient wellbeing, and ensured clear communication among staff
- Mentored staff and patients in de-escalation techniques during times of stress, panic attacks, and intense cravings
- Conducted retrospective chart review of correlates and outcomes of Hepatitis C positive patients in residential treatment

Genesee/Orleans County Health Department, Batavia, NY

June 2018-August 2018

Intern

- Organized tri-county opioid task force meetings and disseminated record keeping to stakeholders
- Coordinated Lyme Disease educational material outreach to parks and children's summer camps
- Developed survey of tick removal techniques and Lyme Disease treatment for distribution at county fair
- Traveled to rural counties for community health outreach to provide immigrants at labor camps with immunizations, contraception, and promoted proper health hygiene practice

RESEARCH EXPERIENCE

University at Buffalo, School of Social Work, Buffalo, NY

January 2018-May 2019

Senior Research Aide

- Conducted systematic literature review of hospital-based violent trauma recidivists from inception to December 2017
- Searched 13 electronic data bases that resulted in 3,304 publications that were screened at abstract and full-text level resulting in 29 publications that met inclusion criteria
- Developed a system for screening literature and tracked 53 exposures among trauma recidivists
- Identified key reported risk factors for trauma recidivists compared to non-recidivist patients
- Identified methodological limitations in the literature and identified variables that lacked comparability in understudied trauma recidivist population

Massachusetts General Hospital, Sports Performance Center, Boston, MA

August 2015- December 2016

Research Assistant

- Collected and analyzed 3D biomechanical data of baseball, softball, and tumbling activities
- Assisted with IRB submissions and approvals, and performed data entry
- Designed and administered surveys for various orthopedic data collection via REDCap

Research Assistant

- Assisted in completion of systematic review and meta-analysis in preparation for guideline projects
- Tested and developed Center for Treatment Comparison and Integrative Analysis website for article screening and data extraction
- Developed marketing videos and website for clients seeking meta-analysis services from our team
- Conducted patient visits for knee osteoarthritis and fibromyalgia clinical trials for department of rheumatology
- Recruited and screened patients via telephone and in clinic for studies and scheduled patients for visits
- Submitted to IRB, consented patients, conducted medical record reviews, extracted data, and monitored clinical trial data

PUBLICATIONS & PROJECTS

- Vaysbrot EE, Osani MC, Musetti MC, McAlindon TE, Bannuru RR. **Are bisphosphonates efficacious in knee osteoarthritis? A meta-analysis of randomized controlled trials.** *Osteoarthritis Cartilage*. 2018;26:154–164.
- **Clinical practice guideline development for knee osteoarthritis, Osteoarthritis Research Society International**
Funding Period: 2017-2018
Investigator (PIs: McAlindon & Bannuru)
- **Guidelines for the non-surgical management of hip and knee osteoarthritis, Royal Australian College of General Practitioners**
Funding Period: 2016-2017
Investigator (PI: Bannuru)
- **Paternal Involvement in Maternal and Child Health in Kenya**, Northeastern University, Kenya, May 2015-June 2015
 - Composed and conducted survey assessing knowledge of and involvement with maternal and child health
 - Visited various health settings in 7 counties and executed questionnaires, developing cross cultural interview skills
 - Analyzed data and assembled data into a report

PRESENTATIONS

St. Vil, C. & Musetti MC (2018). A Systematic review of Hospital Based Trauma Recidivism. Presented at Healing Justice Alliance Conference in Denver, Colorado.

VOLUNTEER EXPERIENCE

- GlobeMed Finance/Campaign Coordinator January 2014- May 2016
- English teacher to high school students in Thessaloniki, Greece, September 2012-December 2012

Technical Skills: REDCap, Microsoft Office, ImageJ, GraphPad, Cerner, SAS (intermediate)

Relevant Coursework: Application of Biostatistics to Epidemiology I & II (accompanied with SAS lab), Medical Statistics, Principles of Epidemiology, Advanced Methodology, Epidemiology of Infectious Diseases, Epidemics and Outbreaks

Trainings: North Carolina Institute for Public Health Situational Awareness, FEMA's National Incident Management System, FEMA's Incident Command System

Certifications: Life Guard, Open Water Scuba Diving, CPR and First Aid Certified, Mental Health First Aid Certified, Situational Awareness Training

Interests: Traveling, Hiking, Skiing, Yoga