

Jimmie Roberts

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EDUCATIONAL BACKGROUND:

University of Pittsburgh, Pittsburgh, PA
Ph.D., Epidemiology, May 2023 (expected)
Dissertation Advisor: Dr. Elsa Strotmeyer
Dissertation: *TBA*

University of Pittsburgh, Pittsburgh, PA
MPH, Epidemiology, December 2020
Academic Advisor: Dr. Nancy Glynn
Thesis Advisor: Dr. Maria Brooks
Master's Essay Title: *Investigation of Bone-Mineral Density while using Thyroid Medication: a SWAN Cohort Study*

Emory University, Atlanta, GA
Bachelor of Arts, Linguistics, August 2017
Bachelor of Arts, Comparative Literature, August 2017

RESEARCH EXPERIENCE:

University of Pittsburgh, Pittsburgh, PA 2021-present
Department of Epidemiology, Advisor: Dr. Elsa Strotmeyer
Graduate Student Researcher
Non-Fracture Fall Injuries and Long-Term Geriatric Consequences in Older Women and Men from a Cross-Cohort Study (NIH/NIA R01AG061136, PI: Strotmeyer ES)

- Assisted in the preparation of a successful IRB application for an NIH/NIA R01.
- Created dataset for analyses by identifying relevant variables and preparing them for harmonization with similar variables across cohorts under the supervision of Dr. Robert Boudreau.

University of Pittsburgh, Pittsburgh, PA 2019-2021
Department of Epidemiology, Advisor: Dr. Nancy Glynn
Research Assistant
Study of Muscle, Mobility and Aging (SOMMA; NIH/NIA R01 AG059416, PI: Newman AB)

- Measured participants' ability to perform a variety of physical tasks, including the ability to walk 4 meters, and evaluated the functioning of their lower extremities using the Short Physical Performance Battery (SPPB).

- Trained staff in the Short Physical Performance Battery (SPPB) for SOMMA.
- Reviewed completed forms for quality of data and completeness of the measurements obtained by myself and other study staff before submitting the information to the database for processing and storage.

Training in the Epidemiology of Aging (NIH/NIA T32AG000181, PI: Strotmeyer ES)

- Assisted in the editing for renewal of a T32 training grant through the National Institute of Health/National Institute of Aging.

University of Pittsburgh, Pittsburgh, PA

2020

Epidemiology Data Center, Supervisor: Dr. Kristine Ruppert, Dr. Maria Brooks

Intern

Study of Women's Health Across the Nation (SWAN) V: Coordinating Center (U01 AG012553, PI: Brooks M)

- Coded and analyzed data from The Study of Women's Health Across the Nation (SWAN) to investigate the change in annualized bone mineral density among women with hypothyroidism who begin thyroid medication compared to healthy individuals.

Morehouse College / CDC, Atlanta, GA

2018

Intern, Advisor: Jocelyn Patterson Mosely, MPH, MA, LPC

- Morehouse College Public Health Leader Fellowship Program (PHLFP) intern at the CDC's National Center for HIV/AIDS Viral Hepatitis, STD, and TB Prevention.
- Engaged in didactic training in the courses of public health leadership, biostatistics and computer applications (with training in SPSS), epidemiology, and scientific writing.
- Conducted an independent research project by performing a rapid review of the literature investigating the communication and relationship barriers for HIV patients and their providers in telemedicine programs.

Emory University, Atlanta, GA

2015-2017

Department of Sociology, Supervisor: Dr. Roberto Franzosi

Research Assistant

- Worked with a team to analyze, synthesize, and document information concerning the Atlanta race riot of 1906 in Atlanta, GA, which included the creation of a digital scholarship and usage of Natural Language Processing.
- Presented at the Diversity and Variation in Language Conference and the Lynching in Historical Perspective Mini-Conference to present and discuss the research and its broader implications.

TEACHING EXPERIENCE:

VIPKid, Telecommute

2019-2021

Independent instructor

- Taught Chinese students in English lessons by simplifying the lesson and challenging students when appropriate and using an expressive attitude, timely error correction, positive encouragement, and total physical response.
- Evaluated students' reading, reading comprehension, speaking, grammar, and math abilities in English, and provided feedback to their learning partners and parents.

ADDITIONAL TEACHING ACTIVITIES:

Private tutor, Emory University – Druid Hills High School. 2014-2016
Tutored students in math and science to improve understanding.

HONORS:

The American Society for Bone and Mineral Research Student Cohort Program 2021
Accepted into the first cohort program of ASBMR.

Dean's Public Health Scholar 2019-2020

PROFESSIONAL MEMBERSHIPS:

The American Society for Bone and Mineral Research 2021

SELECTED ABSTRACTS:

International and National Meeting Presentations

1. Roberts, J., Mosley, J.P., Wilkes, A. (2018) Telemedicine to Improve HIV Care: A Systematic Review of Patient-Provider Communication Barriers Associated with Telemedicine. American Indian Science and Engineering Society National Conference. Oklahoma City, OK.
2. Roberts, J., Battaglia, K., Franzosi, R. (2017) The 1906 Atlanta Race Riots: Newspaper Language and the Epideictic Rhetoric of Race Relations. Diversity and Variation in Language. Atlanta, GA.

Internal and Local Presentations

1. Roberts, J. (2021) Investigation of Bone Mineral Density while using Thyroid Medication: SWAN Study. Epidemiology of Aging Workshop, University of Pittsburgh. Pittsburgh, PA.
2. Roberts J. (2020) Investigation of Bone-Mineral Density while using Thyroid Medication: a SWAN Cohort Study. Epidemiology in Action, University of Pittsburgh. Pittsburgh, PA.
3. Roberts, J., Mosley, J.P., Wilkes, A. (2018) Telemedicine to Improve HIV Care: A Systematic Review of Patient-Provider Communication Barriers Associated with Telemedicine. Centers for Disease Control and Prevention. Atlanta, GA.

4. Roberts J. and Battaglia K. (2017) 1906 Atlanta Race Riot. Lynching in Historical Perspective Mini-Conference. Emory University. Atlanta, GA.

LEADERSHIP IN PROFESSIONAL ORGANIZATIONS AND HONORARY SOCIETIES:

<i>Business Manager</i>	Minority Student Organization (Now: Fostering Opportunities to Recognize, Welcome, and Advance Racially Diverse Students)	2020-2021
<i>Treasurer</i>	The Linguistics Circle	2016-2017
<i>Treasurer</i>	Minority Pre-medical Society	2014-2017

NON-GOVERNMENTAL AND COMMUNITY-BASED ORGANIZATIONS:

<i>Volunteer</i>	Helping Hands Outreach Clinic	2015-2017
<i>Volunteer</i>	Children's Healthcare of Atlanta	2015-2017