

# Savannah Hammerton

GRADUATE STUDENT, EPIDEMIOLOGY & BIOSTATISTICS

University of Georgia College of Public Health

☎ 423 544 2453 | ✉ savannah.hammerton@uga.edu | 🏠 smhammerton.com | 📷 smhammerton | 🌐 smhammerton

## About

Graduate student working towards PhD in Epidemiology & Biostatistics (concentration in Data Analysis and Modeling). Particular interest and research emphasis in infectious diseases, infectious disease dynamics and modeling, and data analysis. Past experience in healthcare, providing strong contextual understanding of disease determinants, prevention, treatment, and outcomes, as well as an understanding of the real world implications of public health research and practice on individuals. This experience also drives context-aware data analytic approaches to answering epidemiological questions. Passionate and driven to build a career that benefits others.

## Education

### University of Georgia

PHD EPIDEMIOLOGY & BIOSTATISTICS (DATA ANALYSIS & MODELING EMPHASIS)

Athens, GA

2022-Present

### University of Georgia

MS EPIDEMIOLOGY & BIOSTATISTICS (EPIDEMIOLOGY EMPHASIS) | CERTIFICATE IN INFECTIOUS DISEASE EPIDEMIOLOGY

Athens, GA

2020-2022

### Columbus State University

BS, HEALTH SCIENCE

Columbus, GA

2018-2020

### Chattanooga College

DIPLOMA, PRACTICAL NURSING (SUMMA CUM LAUDE, DIRECTOR'S AWARD FOR CONSISTENT ACADEMIC AND CLINICAL EXCELLENCE)

Chattanooga, TN

2014-2015

## Relevant Experience

### University of Georgia, Department of Epidemiology & Biostatistics

GRADUATE RESEARCH ASSISTANT

Athens, GA

2022-Present

- Assist Dr. Andreas Handel in research for the Center for Influenza Vaccine Research for High-Risk Populations (CIVR-HRP) grant at the University of Georgia. Aid in research and data analysis on influenza vaccines, particularly data related to universal influenza vaccine development.

### University of Georgia, Department of Epidemiology & Biostatistics

GRADUATE DEPARTMENTAL ASSISTANT

Athens, GA

2021-2022

- Assist in administrative departmental tasks, faculty retreats/meeting planning, and department event planning. Create and maintain spreadsheets on department classes, students, etc. Develop presentation materials and assist in orientation. Generate documents with information on degree programs, Graduate School processes, etc. Participate in research with Dr. Jose Cordero, planning and implementing a systematic review of environmental exposures and preterm birth.

### Georgetown Behavioral Health Institute

LICENSED VOCATIONAL NURSE

Georgetown, TX

2016-2016

- LVN working on adolescent male and female units, military unit. Conducted medication administration, milieu management, conflict resolution, patient chart management. Responsible for verbal de-escalation of agitated patients, medical complication and event management. Aided in coordination of care between all health care providers.

### Encompass Home Health Pediatrics

LICENSED VOCATIONAL NURSE

Temple, TX

2016-2016

- Provided pediatric patient care for those needing 24-hour care or on hospice. Responsible for nutrition, hygiene, infection control, medication administration, respiratory status maintenance. Provided support to families of patients and socialization to patients throughout shifts.

## Research

### Examining antibodies as correlates of protection against norovirus clinical outcomes

UNIVERSITY OF GEORGIA

MS Thesis Project, Advisor - Dr.

Andreas Handel

2021-Present

## Preterm birth and the environment

UNIVERSITY OF GEORGIA

Research Assistantship, Dr. Jose  
Cordero

2021-2022

## Prenatal exposure to flame retardants and adverse pregnancy outcomes: A systematic review

UNIVERSITY OF GEORGIA

Co-Author

2021-2022

## Certifications

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### Social and Behavioral Research

CITI PROGRAM

2021

### Epidemics - The Dynamics of Infectious Diseases

COURSERA

2020

### Certificate in Infectious Diseases and Disease Control

ALLEGRA LEARNING SOLUTIONS

2020

### Essentials of Public Health Research

CITI PROGRAM

2019

### Research Involving Human Subjects

CITI PROGRAM

2019

## Skills

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### Data Analysis

PRIMARY CODING LANGUAGE: R | ADDITIONAL EXPERIENCE IN: SAS, STATA, SPSS

### Literature Searches and Management

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### Laboratory Biosafety Level 2 Practices

EXPERIENCE IN SAFE MICROBIOLOGY LABORATORY PRACTICES WHEN WORKING WITH HUMAN PATHOGENS

### Infectious Disease Modeling

UNDERSTANDING OF INFECTIOUS DISEASE MODELING CONCEPTS, AND EXPERIENCE IN FITTING INFECTIOUS DISEASE MODELS

### Organization

SKILLED IN MANAGING MULTIPLE TASKS AND PROJECTS, MAINTAINING HIGH QUALITY OF WORK

### Communication

EXPERIENCE IN CLINICAL, RESEARCH, AND PRIVATE GROUPS REQUIRING LARGE AMOUNTS OF COLLABORATION

### Health Education

HAVE PROVIDED HEALTH EDUCATION IN BOTH CLINICAL AND NON-CLINICAL SETTINGS

### Leadership/Management

EXPERIENCE IN MANAGEMENT, LEADERSHIP OF MULTIPLE EMPLOYEES

## Organizations

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### Graduate Scholars of Epidemiology & Biostatistics (GSEB)

Secretary

2021-Present

### Center for the Ecology of Infectious Diseases (CEID)

Member

2021-Present

### Eta Sigma Gamma (ESG) | Health Science Honor Society

Member

2019-2020

### American Public Health Association (APHA)

Member

2019-Present

### Council of State and Territorial Epidemiologists (CSTE)

Member

2021-Present