

# Mary Catherine Rush

(270) 745-5129 | [mary.rush@wku.edu](mailto:mary.rush@wku.edu) | [linkedin.com/in/marycatherinerush](https://www.linkedin.com/in/marycatherinerush)

## EDUCATION

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### Master of Science in Public Health

*Johns Hopkins Bloomberg School of Public Health*

May 2022

*Baltimore, MD*

**GPA:** 3.9/4.0

**Concentration:** Social and Behavioral Interventions, Department of International Health

**Certificate:** Maternal and Child Health (December 2021)

**Capstone:** Cognitive Interviews to Develop a Survey on the Symptoms, Knowledge, and Preferences for Endometrial Cancer Screening in Women Who Are Obese

**Honors:** Delta Omega

### Bachelor of Science in Biology

*East Tennessee State University*

December 2018

*Johnson City, TN*

**GPA:** 3.93/4.0

**Honors:** Summa Cum Laude

**Award:** Herman O'Dell Award for Outstanding Junior in Biology (April 2017)

### Bachelor of Arts in Anthropology

*East Tennessee State University*

December 2018

*Johnson City, TN*

**GPA:** 3.93/4.0

**Honors:** Summa Cum Laude

**Award:** Outstanding Academic Performance in Anthropology (December 2018)

**Minor:** Culture and Health

## TEACHING EXPERIENCE

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### Instructor of Public Health

*Western Kentucky University*

January 2023 — Present

*Bowling Green, KY*

- Delivers lectures to students in undergraduate public health classes including biostatistics, epidemiology, and human sexuality
- Prepares course materials such as assignments, assessments, and lectures using evidence-based teaching methods, discipline-specific literature, and instructional technology
- Compiles, administers, and evaluates student coursework while incorporating substantive feedback
- Maintains regularly scheduled office hours to advise, mentor, and assist students
- Participates in campus service, training, and educational workshops and activities

### Teaching Assistant (36 Credit Hours)

*Johns Hopkins Bloomberg School of Public Health*

June 2021 — May 2022

*Baltimore, MD*

- Taught and mentored students in 11 graduate-level courses related to global health concepts
- Spearheaded administrative upkeep of online courses including grading, monitoring attendance, maintaining course site, and participating in live online lectures
- Developed and edited course materials such as rubrics, objectives, and assignment guides using evidence-based teaching methods, discipline-specific literature, and instructional technology

## RESEARCH EXPERIENCE

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### Graduate Research Assistant

May — December 2021

*Bloomberg Philanthropies Initiative for Global Road Safety*

*Baltimore, MD*

- Extracted and compiled data for a 3,000 article review of drunk driving interventions
- Organized qualitative data to inform realist evaluation measures using NVivo software
- Conducted a 10,000-article rapid review of enhanced police enforcement measures
- Liaised with study team members in regular meetings to discuss project deliverables
- Co-authoring a manuscript resulting from a systematic review (in-progress)

### Graduate Research Assistant

March — December 2021

*Maryland Maternal Health Innovation Program*

*Baltimore, MD*

- Edited and updated an online resource library with latest peer-reviewed sources for program website
- Corresponded with IT team to improve accessibility and inconsistencies on program website prior to launch

### Lead Study Coordinator

October 2020 — August 2021

*Johns Hopkins Medicine Department of Gynecology and Obstetrics*

*Baltimore, MD*

- Designed, conducted, and analyzed semi-structured cognitive interviews to assess and improve survey design
- Edited a virtual quantitative survey using evidence-based survey design practices
- Co-authoring a manuscript for peer-reviewed publication (in progress)

## PUBLIC HEALTH EXPERIENCE

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### Project Coordinator

July 2022 - Present

*East Tennessee State University James H. Quillen College of Medicine*

*Johnson City, TN*

- Investigates and summarizes relevant literature and current best practices
- Coordinates with stakeholder groups through meetings and events
- Organizes and handles project timeline, administrative tasks, and marketing
- Manages budgetary items for the project conference
- Composes and disseminates timely reports and summaries to key partners

### Intern

September - December 2019

*Pan American Health Organization (PAHO/WHO)*

*Quito, Ecuador*

- Collaborated with local community leaders through a three-day community-based participatory research workshop to resolve problems surrounding child malnutrition in one of the lowest-resource cantons in the Pichincha province
- Investigated country-wide polio immunization schedule changes according to evidence-based research alongside the regional Immunizations Advisor
- Engaged in local and governmental meetings pertaining to national public health issues such as policy change and project planning

## VOLUNTEER WORK

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### Community Adolescent Sex Education (CASE)

February - May 2021

*15 Hours*

*Baltimore, MD*

- Taught young adolescents evidence-based sexual education in a virtual education format through virtual presentations and activities

### Hospital Alfredo Noboa Montenegro

February 2020

*25 Hours*

*Guaranda, Ecuador*

- Observed and aided healthcare practitioners in the Emergency Department, Department of Gynecology, and the Department of Surgery

### Ministry of Health

February 2020 - March 2020

*75 Hours*

*Guaranda, Ecuador*

- Assisted in the distribution of vaccines, aided in educational workshops for high school students, and assisted in local clinics for the Ministry of Public Health in rural areas of the Bolivar Province of Ecuador

### Quillen College of Medicine Anatomy Lab

August 2018 - April 2019

*300 Hours*

*Johnson City, TN*

- Performed anatomic demonstration dissection of cadavers, edited and compiled a dissection guide for medical students, assisted with lab operations including educational workshops for medical students, and participated in volunteer activities including tours of the anatomy lab and career fairs for high school students living in rural areas

## PRESENTATIONS

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**Poster Presentation** | *Rush, Mary Catherine*

Spring 2019

- **Title:** Medical Scribes in a Family Medicine Residency Program: An Implementation Outcomes Study
- **Presented At:** Appalachian Student Research Forum; Johnson City, TN

## PROFESSIONAL DEVELOPMENT

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**Languages:** English (Native); Spanish (Advanced); French (Basic)

**Computer/Technical Skills:** Stata (Basic), NVivo (Basic), ATLAS.ti (Basic), R (Intermediate), Covidence (Advanced), MS Office (Advanced)

**Memberships:** American Public Health Association (2022–Present), Delta Omega Honorary Society in Public Health (2022–Present), Kentucky Public Health Association (2022–Present)

**Extracurricular Activities:** Reading, Music, Gardening, Knitting, Yoga, Camping, and Woodworking

## REFERENCES

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### **Dr. William Brieger**

Professor

Johns Hopkins Bloomberg School of Public Health  
Baltimore, MD

+1 (443) 287-4042

wbriege1@jhu.edu

### **Dr. Anthony DeLucia**

Professor of Research

East Tennessee State University  
Johnson City, TN

+1 (423) 534-1881

delucia@mail.etsu.edu

### **Dr. Caitlin Kennedy**

Program Director and Assistant Professor

Johns Hopkins Bloomberg School of Public Health  
Baltimore, MD

+1 (443) 287-8794

caitlinkennedy@jhu.edu

### **Dr. Anna Beavis**

Assistant Professor

Johns Hopkins School of Medicine  
Baltimore, MD

+1 (410) 955-8240

abeavis@jhmi.edu