**MARY “NICKY” WILLIAMS**

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**EDUCATION**

**Columbia University Mailman School of Public Health** | New York, NY August 2023-May 2025

*Masters in Public Health, Epidemiology, Certificate in Infectious Disease Epidemiology*

Coursework: Applications of Epidemiologic Research Methods (Spring 2024), Emerging Infectious Diseases (Fall 2024)

**Binghamton University** | Binghamton, NY August 2018-May 2022

*Bachelor of Science, Biology with a focus in pre-med and microbiology*

Academic Scholarship Recipient, Member of Prestigious FRI Research Program

**RELEVANT EXPERIENCE**

**ICAP at Columbia University** | New York, NY May 2024-Present

*Intern*

* Conducted qualitative and quantitative analysis on TB and diabetes in Eswatini, including transcribing and summarizing in-depth interviews.
* Co-authored a research paper and conference abstract.
* Collaborated in study team meetings to discuss project progress and findings.

**Herbert Irving Cancer Center- Database Shared Resource (DBSR)**| New York, NY May 2024-September 2024

*Clinical Researcher*

* Assisted in building a research resource for at-risk or cancer patients by obtaining informed consent for up to 10 patients a day, accessing medical records, and helping to collect and transport blood biospecimens.
* Supported database maintenance, utilizing software platforms like Epic, Qualtrics, Velos, and Scissor

**Medtronic Diabetes** 2016-Present

*Type 1 Diabetes International Ambassador*

* International ambassador speaking at Type 1 Diabetes conferences, including Advanced Technologies and Treatments for Diabetes, and spokesperson for an international media campaign.
* Contributed to the development and FDA approval of new diabetes medical technologies through clinical trials, focus groups, and collaboration with product developers.

**CDC sponsored through the University of Michigan Future Public Health Leaders Program** May 2021-May 2022

*Intern and Contact Tracer*

* Conducted COVID-19 contact tracing, interviewing 15 individuals per day to collect essential data for Wayne County Health Department.
* Engaged in a comprehensive curriculum, mentorship opportunities, and research examining public health and health equity.

**Binghamton Molecular and Biological Anthropology Lab**| Binghamton, NY 2018-2022

*Researcher, Presenter, and Lab Assistant*

* Conducted research on Lyme Disease and COVID-19, managing lab operations and assisting in teaching.
* Presented at AABA’s 2022 COD Undergraduate Research Symposium.

**COMMUNITY ENGAGEMENT**

**National Alliance of Public Health Student Alums**| New York, NY 2024-Present

*Secretary/Communications Chair*

* Advocated for Public Health Students and alums nationwide, maintaining organized records and communications.

**Binghamton International Volunteers**| Binghamton, NY 2018-2021

*President & FIMRC contact*

* Gained consent and interviewed local community members in Ecuador regarding their health habits.

**TECHNICAL SKILLS**

Data Analysis and Statistics: R and SAS

Lab Techniques: DNA and RNA isolation, RT-PCR, genome sequencing, Western Blot, protein purification and ExPASy

Computer: Microsoft Offices (Word, Excel, PowerPoint, and Project)

Basic proficiency in Spanish