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EDUCATION

East Carolina University

Greenville, NC

Master of Public Health with Concentration in Community Health

August 2025/May 2027

North Carolina Central University

Durham, NC

Bachelor of Public Health Education/Minor in Business

August 2020/May 2025

- GPA: 3.6/4.00
- Magna Cum Laude

RELEVANT EXPERIENCE

Epilepsy Foundation

Durham, NC

Spring Internship Program

February 2025- April 2025

- Shared personal experiences at Howard University to engage more people in Seizure First Aid training for minority communities
- Conducted key informant interviews with Black women with epilepsy and healthcare professionals to assess barriers in care.
- Assisted in survey research on epilepsy to understand challenges like healthcare barriers, discrimination, and limited access to resources.

North Carolina GlaxoSmithKline Foundation

Greenville, NC

Summer Research Program

May 2024- July 2024

- Programmed Bash Shell scripts to enhance spider venom protein sequences, resulting in a 25% increase in operational efficiency.
- Tested spider venom protein sequences and 3D structures using AlphaFold, enhancing research accuracy
- Diagnosed PnTx3-6 venom's potential to prevent cell death post-ischemic injury, offering promising insights
- Analyzed potential therapeutic proteins, accelerating the discovery of new drug candidates for ischemic stroke.

Private Childcare Provider

Durham, NC

Child Assistance Service

May 2019- October 2023

- Served nutritious meals for 20+ children, meeting diverse dietary needs and encouraging healthy eating practices
- Assisted children in the development of social, communication, and child development to the primary children's education development
- Maintained a safe, healthy, and comfortable childcare environment to alleviate parents from duties while in child service care

Department of Public Health and Human Services

Raleigh, NC

Public Health Intern

May 2023- August 2023

- Ensured accurate project execution by reviewing 100+ documents and emails for accuracy.
- Resolved team to rectify errors, achieving better public health efficiency and outcomes
- Participated with supervisors in 60+ meetings to enhance employee productivity and streamline workflows
- Collaborated with HBCU students in Change Champions 2023 to develop impactful public health solutions

Computer Service Technician

Durham, NC

Triangle Eycling Intern

November 2019- March 2020

- Respond to user assistance requests, guiding through basic troubleshooting tasks to support e-cycling efforts
- Solved comprehensive malware and virus removal, safeguarding over 150+ laptops and ensuring consumer data protection

- Repaired users through troubleshooting, improving cycling operations, and boosting user satisfaction by 25%

CONFERENCE PRESENTATIONS

Baccus, J., “This Is Me: Uncovering the Epilepsy Epidemic Among College Black Women aged 18-25 at North Carolina Central University, NCCU Senior Poster Conference; April 2025; Durham, NC

Baccus, J., Houston, C., Hall, C., Wall, C., Houston, C., Seizure Recognition and First Aid Certification for Howard University Students, Public Health Institute: Building Inclusive Communities: Addressing Epilepsy and Educational Inequities Conference; March 2025; Washington D.C.

Baccus, J., Brewer, M., EL, A. Unraveling the Mysteries of Venomous Ctenidae Spiders: From Protein Sequences to Potential Therapeutic Compounds. North Carolina GlaxoSmithKline Foundation Conference at East Carolina University; May 2024; Greenville, NC

ACHIEVEMENTS, AWARDS & HONORS

NCCU Undergrad

NCCU TRIO Ronald E. McNair Scholars Program Member	2023- Present
NCCU Eta Sigma Gamma Member (Miss Era Sigma Gamma 2024-2025)	2023- Present
NCCU Society of Future Health Educators Member	2023- Present
NCCU Women in Pre-med Member (Board Member I 2023-2024)	2023-2024
The National Society of Leadership and Success Member	2022- Present
Sister of the MAC Member (Accessibility Chair 2022-2023)	2021-2025
NCCU Chi Alpha Epsilon Honor Society Member (Vice-President 2022-2023)	2021- Present
Golden Key International Honor Society Member	2021- Present

SCHOLARSHIP

NCCU Undergrad

Howard Fitts Endowed Scholarship	2023-2024
UNCF Black Women in STEM Scholarship	2023-2024
NCCU Foundation Scholarship	2020-2021
Focus Scholarship	2020-2021
LMBC Jimmy and Torian Graves Scholarship	2020-2021
Karen Miller Puryear Memorial Scholarship	2020-2021

SKILLS

- Presentation Development (Microsoft Word/PowerPoint, Software/Technical, Bash/Shell Scripting)
- Public Health Analysis (Research, Statistics, Data, Project management, Planning, Quantitative research)
- Community Engagement (Team collaboration, Public speaking, Health literacy, Health promotion, Leadership, Social Media Management)

CERTIFICATIONS

Social and Behavioral Research Certificate	October 2024- October 2026
Seizure Recognition and First Aid Certificate	September 2024- September 2026
HubSpot Academy Digital Marketing Certificate	June 2024- June 2025
Durham Country's Preconception Peer Educator Training	January 2024