

JAMAYA SINESE CARTER, B.A.

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200 S Capitol Street

Clinton, MS 39058

ACADEMIC TRAINING

MS Biomedical Science
August 2016

Mississippi College

BA Biology
August 2013-May 2019

Talladega College

WORK & RESEARCH EXPERIENCE

Wright State University

STREAMS

- Constructed aortic model for EFOST testing

Tuskegee University

MSE NSF-REU Tuskegee University (May 2015- July 2015)

- Cultivated maize varieties under controlled conditions
- Collected preliminary above-ground maize biomass data
- Determined soil surface tension with a tensiometer
- Measured stomatal activity using a porometer
- Prepared soil for optimal maize growth by calculating field capacity

Talladega College

Ronald E. McNair Summer Research (June 2014- July 2014)

- Applied various doses of radiation to cancerous ovarian cells to determine cell death rate
- Analyzed and recorded all data to incorporate in an essay, poster, and PowerPoint presentation
- Gained lab skills (pipetting, cell culturing, gel electrophoresis)

Student Success Center Tutor (September 2015- May 2016)

- Assisted students with Biology related course work

PRESENTATIONS AT CONFERENCES

- “Screening Corn (Zea mays) Varieties for Tolerance to Drought” Emerging Researchers National Conference (2016), Washington, D.C.
- “Screening Corn (Zea mays) Varieties for Tolerance to Drought” Black Doctoral Network Conference (2015), Atlanta, Georgia.
- “Screening Corn (Zea mays) Varieties for Tolerance to Drought” Talladega College Ronald E. McNair Program (2015), Talladega, Alabama.
- “Screening Corn (Zea mays) Varieties for Tolerance to Drought” ICAR International Conference of Arabidopsis Research (2015), Paris, France.
“Caspase Apoptotic Activation through Radiation in SKOV3 Cancer Cells.” 23rd Annual National Ronald E. McNair Research and Graduate Fair (2014), Milwaukee, Wisconsin.

AWARDS & HONORS

- Alpha Chi Honors Society (2015- current)
- Beta Beta Beta Biological Honors Society (2015- current)
- Who’s Who Among Students in American Colleges and Universities (2016)
- President’s List (2013- 2016)
- McNair Scholar (2013- 2016)
- Presidential Honor Society member (2013- 2016)

SERVICE ACTIVITIES

Red Cross Community Educator (April 2014 - Current)

- Educate communities about disaster preparedness and awareness
- Recruit volunteers
- Assist victims after, before, or during disasters

Red Cross Disaster Services (March 2016- Current)

- Provide victims of disaster with essential needs

AFFILIATIONS & POSITIONS HELD

- Biology Club President (2014)
- Beta Beta Beta Secretary (2015-2016)
- Ronald E. McNair Scholars Peer Tutor/Mentor (2014- 2016)
- Delta Sigma Theta Sorority, Inc. (2016- current)
- Crimson Ambassador of Talladega College(2015- 2016)