

Sierra Butcher

Wilmington, DE - Email me on Indeed: [indeed.com/r/Sierra-Butcher/50b365bd10d78726](https://www.indeed.com/r/Sierra-Butcher/50b365bd10d78726)

Work in an environment that embraces diversity and allows me to make a positive contribution to the overall success of the company.

WORK EXPERIENCE

Student Researcher in the The Interdisciplinary Research Experience in Hyperspectral Imaging (IDREHSI) program

UNIVERSITY OF NORTHERN IOWA - Cedar Falls, IA - May 2013 to July 2013

Worked on specific project using nanomaterials. The Interdisciplinary Research Experience in Hyperspectral Imaging (IDREHSI) program is the National Science Foundation's REU site that focuses on introducing young scientists to a highly interdisciplinary research environment with a unifying theme of fundamental and applied research in hyperspectral imaging.

Advanced Membranes Intern for the Department of Chemical and Biomolecular Engineering

CLEMSON UNIVERSITY - Clemson, SC - May 2011 to July 2011

Worked with two graduate student mentors and participated in a team effort designed to create a reusable magnetite incorporated polyurethane sponge for the purpose of controlling pore size magnetically for multiple filtrations. Studied the attempts and outcomes of previous researchers' projects using similar chemicals. Created an abstract of data collected, procedures and chemicals used. Attended 21st Annual North American Membrane Society (NAMS) Conference in Las Vegas, NV.

EDUCATION

BA

Delaware State University - Dover, DE

High School Diploma

Brandywine High School - Wilmington, DE

MILITARY SERVICE

Service Country: US

Branch: Delaware Army National Guard

Rank: E-6

May 2015 to Present

Officer Candidate School Student

Attend drills one weekend per month. Work on personal fitness and leadership courses

GROUPS

National Society Of Black Engineers (NSBE)

August 2013 to Present

We envision a world in which engineering is a mainstream word in homes and communities of color, and all Black students can envision themselves as engineers. In this world, Blacks exceed parity in entering engineering fields, earning degrees, and succeeding professionally That is why NSBE's mission is to increase the number of culturally responsible Black Engineers who excel academically, succeed professionally and positively impact the community."