

Carleigh Frazier

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EDUCATION

Fisk University, Nashville, Tennessee

Biology Major

GPA: 3.90

Expected Graduation Date: May 2018

HONORS & AWARDS

October 2017: Nashville, Tennessee Volunteer of the Month

2014- 2018: Recipient of the Erastus Milo Cravath Presidential Scholarship at Fisk University

2015: 1st Place Poster Presentation Award for School of Natural Sciences, Mathematics, and Business sophomore student

2014: Recipient of the NAACP of Topeka, Kansas Youth of the Year Award

RESEARCH EXPERIENCE

Fisk University Big Data to Knowledge (BD2K) Grant [student researcher] Spring 2016 – present

Investigate dopamine receptors in *C. elegans* by interpreting RNA sequencing data

Served as an ambassador for the BD2K program

Attended a Big Data analysis 5-week intensive at the University of Illinois at Urbana-Champaign and developed computational and analytical techniques

Mayo Clinic [undergraduate fellow] May 2017 – August 2017

Interrogated Tumor Protein D54's role in the efficacy of metformin as a breast cancer treatment

Cumulated the experience by designing and presenting a poster during the Mayo Clinic Student Symposium

Enhanced advanced lab bench and analytic techniques

Case Western Reserve University [student researcher] May 2015 – August 2015

Investigated possibility of retinoic acid as a drug therapy for cancer patients

Cumulated the experience by designing and presenting poster presentation*

Developed basic lab bench techniques

LEADERSHIP AND OUTREACH ACTIVITIES

Project Transformation Tennessee [intern and volunteer] September 2015 – present

Project Transformation (PT) is a not-for-profit that aims to connect underserved youth, struggling local churches, and passionate college students to enhance literacy.

Engaged 20 or more elementary and middle school youth in educational activities four three hours, four days a week

Collaborated with PT staff and other volunteers to achieve 100% of students maintaining or increasing their personal reading level

Peer Preconception Educator [certificate candidate] Fall 2016 – present

National Initiative to engage college students in educating communities and classmates on preconception health

Volunteered at community health events that have reached nearly 1,000 Nashville residents

Completed an intensive training on infant mortality, preconception health, and community health risks at Meharry Medical College

5th Annual Roberta Baines Wheeler Pulmonary Hypertension Awareness Day [co-chair] November 4, 2017
Partnered with the Roberta Baines Wheeler Pulmonary Hypertension Awareness Group to bring this health fair to Fisk University
Effectively communicated with campus leadership and community to promote the event
Organized and managed 50 high school and college volunteers that registered over 200 participants
Designed and implemented digital online registration that raised over \$250 for the Roberta Baines Wheeler Pulmonary Hypertension Awareness Group

Learn CPR Save a Life [organizer] April 20, 2017
This was an event on the campus of Fisk University with the purpose of equipping students, faculty, and staff with the knowledge to be able to save lives using hands-only CPR

Partnered with Learn CPR America through founder Dr. Katherine Brown as well as on campus organizations
Designed and implemented an effective promotion strategy
Supported Dr. Katherine Brown as she trained over two dozen students and faculty in hands-only CPR

Nashville Student Organizing Committee [president] October 2015 – April 2017
Consulted on renewal process for non-profit status
Conducted voting for financial matters during meetings

***Organizer of the Nashville Women’s Rescue Mission** initiative of the Nashville Student Organizing Committee to make effective change through service [October 2015-April 2017]*

Developed curriculum to engage youth and improve literacy, self-confidence, and self-awareness
Delegated communication, transportation, and activity tasks effectively
Collaborated with other members to serve nearly 100 youth, total, through biweekly events

Breathe Well Initiative [intern] August 2015 – May 2016
Partnered with the Truth Initiative, the American Heart Association, and Smoothie King to bring “Bulldogs Love to Breathe Health Fair” to Fisk University
Designed and administered survey for the campus concerning smoking habits on campus
Hosted multiple health events for students, faculty, and staff each semester, the most popular being “What’s in a Cigarette?”

CAMPUS ACTIVITIES

National Society of Leadership and Success [leadership team] January 2017 – present
Facilitated leadership training events that developed student leadership and aided students in achieving their goals
Effectively advised members through their induction steps so that they can be an inducted society member
Collaborated with other leadership team members to execute honor society events and protocols

Fisk University [orientation leader] Summer 2015 – present
Facilitate the incoming class through their first week of college at Fisk University
Advise freshman through family meetings and one on one conversations
Create and inviting and safe environment for all
Complete extensive training to prepare for Orientation Week and develop programming