

Marcia Rooks

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(901) 674-8555

EDUCATION

Bachelor of Science in Chemistry and Biology

University of Memphis, Memphis, TN

Expected Graduation Date: December 2017

GPA 3.25

SKILLS

Laboratory: Wet Bench Analysis, Western Blotting Analysis,
ELISA Analysis, GC Analysis

Program Languages: MATLAB, SigmaPlot

Business Tools: Statistical Analysis Software, Office Suite, Prezi

RESEARCH

Undergraduate Research Assistant, January - May 2017

Simon Behavioral Neuroscience Lab,

University of Memphis, Department of Psychology

- Conducted behavioral assessments in a rat model
- Testing and troubleshooting operant behavior chambers and software
- Data entry and analysis

Conference abstracts: *Modeling Addiction in Rats Using Measures of Risky Decision Making and Impulsivity (2017)* Timothy G. Freels, Daniel Gabriel, Marcia Rooks, Alan Rasheed, Amber Woods, & Nicholas Simon. The University of Memphis Student Research Forum.

WORK EXPERIENCE

Associate Coordinator, October 2016 - May 2017

Research & Innovation in STEM Teaching & Learning, Memphis, TN

- Organized meetings and events for STEM students across campus
- Recruited underrepresented students to pursue STEM careers
- Mentored and prepared students for graduate programs
- Improved the quality of the learning environment for underrepresented STEM students by researching and providing resources for their academic success

LEADERSHIP

Chairman and Co-Chairman

Alpha Kappa Alpha Sorority, Inc. Fall 2014 – Current

- Organizes various events for good causes amongst those of the community
- Updates the newsletters on chapter and national events and accomplishments
- Volunteers throughout the year for special events
- Donates to various causes, including specifically Africare