

# ABIGAIL WILLIAMSON

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## EDUCATION

2015 – 2019

### HOOVER HIGH SCHOOL

Valedictorian

AP Capstone Diploma

2019 – 2022

### UNIVERSITY OF WEST FLORIDA

President's list

Dean's List

CSCAA Scholar All American Athlete

2<sup>nd</sup> Team Scholar All American 2021

2022-PRESENT

### UNIVERSITY OF ALABAMA AT BIRMINGHAM

PhD in Nutrition Sciences

## EXPERIENCE

2019 TO 2020

### SEA-PHAGES, DR. KARI CLIFTON

Conducted phage research and gained experience and skill in gel electrophoresis, DNA sequencing, DNA purification, phage isolation and amplification, and composing a poster for the undergraduate research symposium.

2020 TO 2022

### MOLECULAR PHARMACOLOGY LAB, DR. RODNEY GUTTMANN

Volunteer; assisting in research on biomarker assays and biomarkers in the field of Alzheimer's and COVID-19. Gained experience in DNA amplification and isolation, centrifuge, PCR, and reading results.

## ACTIVITIES

- Student Athlete- Women's Swim Team  
Conference champion 2020, 2021, 2022;  
National team athlete
- Kappa Delta Sorority member

- STEM Peer Coaching- Biology Mentor
- Student Athlete Advisory Committee (SAAC) representative
- Cooking and nutrition enthusiast

## **PUBLICATIONS**

### **THE ACTINOBACTERIOPHAGE DATABASE**

Clifton,K.B., Bonilla,C.I., Carter,A.O., Gunther,J., Hasenberg,P.A., Huntley,C., Jones,B.M., Kelso,C.J., Landreth,S.L., Mastrandrea,L.P., Moore,S.J., Montero,M., Prieur,P.B., Sneider,E.V., Tran,K., Truax,S.L., Watson,A.R., West,C.J., Williamson,A.R., Pollenz,R.S., Garlena,R.A., Russell,D.A., Jacobs-Sera,D. and Hatfull,G.F. (2021), GenBank. Microbacterium phage EugeneKrabs, Complete Genome , MZ388554, Available at:<https://www.ncbi.nlm.nih.gov/nuccore/MZ388554>. Accessed; February 12, 2021