

Alexis Stansfield
215-431-5530
ars519@lehigh.edu

6 Lakeside Drive
Lakeville, PA 18438

Education

Florida Gulf Coast University
August 2016 – December 2019
Major: B.S. Biology Minor: Geology
GPA: 3.85 Honors College Scholar

Villa Joseph Marie High School
August 2012 – May 2016
Diploma GPA: 3.9

Research Experience

Fall 2019 – Microfossil analysis using anthill sediments from the Jurassic Morrison Formation in Bighorn Basin, Wyoming, collected with Bighorn Basin Paleontological Institute (BBPI)
Summer 2019 – Vertebrate paleontology field work with BBPI in Montana.
Spring 2019 – Partnered with BBPI to collect more literature on vertebrate paleontology in the Bighorn Basin of Montana.
April 2018 – Attended the University of Florida Herpetology conference in Gainesville, FL.
Spring 2018 – Authored a comprehensive field guide of reptiles and amphibians on FGCU's campus. Received a grant of \$1,200 from the FGCU Honors College to print and distribute 750 copies. Relevant coursework: Herpetology.
2016-2018 – Conducted and facilitated exoplanet research under Dr. Derek Buzasi at Florida Gulf Coast University. I helped to present our research poster to the American Astronomical Society in June 2017 in Austin, TX.

Skills

Educating students in biology and mathematics: tutor for calculus I and statistical methods, teaching assistant (TA) and supplemental instruction (SI) leader for biology I, learning assistant (LA) for the "Planet Hunters" exoplanet research course.
August '17 – Present
Educating the public about ecology & conservation: animal care intern at the Philadelphia Zoo
Summer 2017
Microscopy: adept in use of compound light microscope and dissecting microscope, and in coaching these skills to other students as a TA.
Relevant coursework: General Biology I and II, Genetics, Botany, Cell Biology
Data collection and analysis: proficient in use of Microsoft excel and R for statistics.
Relevant coursework: Statistical Methods, Animal Behavior, Biological Statistics
Microbiology techniques: cell culture, subculture, microscopy, cryopreservation, cell counting using hemocytometer, etc. Relevant coursework: Cell Biology, Genetics
Marine Sediment Coring and Analysis
Relevant Coursework: Paleoclimatology
Mentoring experience
Student athlete mentor Jan '18 – May '19.
Women in STEM mentor Aug '17 – May '18.

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References

- Dr William Sanders
 - wsanders@fgcu.edu
 - Teaches General Biology I, as well as upper-level Botany
 - I have worked with Dr Sanders as a TA and Supplemental Instruction (SI) leader for three semesters, and taken his Botany course
- Professor Matthew Palmtag
 - mpalmtag@fgcu.edu
 - Teaches General Biology I & II, as well as Animal Nutrition
 - I have worked with Professor Palmtag as a TA for Bio I for three semesters
- Lindsay Singh, M.Ed.
 - lsingh@fgcu.edu
 - Director of the Center for Academic Achievement at FGCU
 - Director of the Supplemental Instruction (SI) program at FGCU
 - I have been an SI leader under Lindsay Singh for three semesters. This position involves facilitating 50-minute interactive study sessions for Dr Sanders' Biology I students three times per week, on top of the usual TA duties I also perform.
- Aaron Cagle
 - Atcagle4851@eagle.fgcu.edu
 - General Manager of Delicious Raw Kitchen & Juice Bar
 - Aspiring Ethnobotanist
 - Aaron is a fellow Biology student at FGCU, as well as the General Manager at the juice bar, where I have been working since April 2019.