Sarah Guzinski

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# Education

**BS** University of South Florida, Integrative Biology Expected to graduate Fall 2020

Animal track of degree

# Research Experience

**Carney Laboratory**, University of South Florida, Tampa Summer 2020-Present

Advisors: Dr. Ryan Carney and postdoctoral student Phillip Morris

* Actively pursuing individual project on forelimb anatomy of *Rhea Americana*
* Developing skills in Avizo to generate 3D models
* Research paper projected to be published in December 2020

**Martin Laboratory**, University of South Florida, Tampa Spring 2018-Spring 2020

Advisors: Dr. Lynn Martin and graduate students Haley Hanson & Meredith Kernbach

* Aided graduate students in their research regarding house sparrow epigenetics and range expansion concepts
* Learned valuable field techniques such as bird catching, bird handling, blood sampling, and necropsies
* Gained laboratory experience in PCR, DNA & RNA extractions, and Nanodrop
* Utilized computer programs such as Genome Compiler in order to analyze genetic data

# Work Experience

**Office Assistant in Integrative Biology**, University of South Florida, Tampa

Fall 2018-Present

Overview: In this position, I complete many regular tasks like copying/grading exams and paying bills but I have also taken on many long-term intensive tasks like creating department newsletters, performing laboratory safety checks in classrooms, using graphic and web design techniques to build the new department website, and being a leader to my fellow student coworkers. Beginning Fall 2020, I am leading the care, classification, and organization of the departments herpetology collection.

**Cashier**, Publix Supermarkets, Tampa

May 2018-Present

Overview: As a cashier, I work to provide premier customer service to customers by staying organized, respectful, and accurate in the tasks I perform in a leadership environment.

# Mentoring Experience

**STEM Academy,** University of South Florida, Tampa

Fall 2019

Overview: STEM Academy is a week-long program for incoming freshman STEM students at USF where they gain valuable introductory experiences in their field along with information regarding graduate and medical school that will aid them in their transition into their career in STEM.

My role: Having already completed this program myself as a freshman, in Fall 2019 I was able to be a peer mentor in this program. This involved helping a graduate mentor in teaching, guiding, and providing an engaging experience to students in a leadership setting.

# Professional Training

**IACUC Certification**, Institutional Animal Care & Use Committee

Earned in 2019

Description: This certifies that I can properly handle and use animals in a research setting following specific guidelines.

**Biosafety Principles and Practice Training**, University of South Florida

Earned in 2019

Description: Training in proper microbiological techniques required for working with recombinant DNA, infectious agents, select agents, and biological toxins in a laboratory or one in which these are stored.

# Key Skills

**Adaptability:** Able to easily adjust to new work environments and workflows with enthusiasm

**Leadership:** Can accurately guide others in techniques that I have learned myself, takes initiative in situations where a leader is needed, finds value in the success of a team

**Communication:** Seeks and utilizes proper communication techniques in a professional setting

**Creativity:** Actively aiming to find opportunities to be creative and unique where needed

**Tenacity:** Determined to solve problems as they come up and remain persistent upon doing so