

Gina Carrion

ginacarrion@utexas.edu

Austin, TX 78705 • (214) 604-7449

EDUCATION

| | | |
|--|---|-------------|
| The University of Texas at Austin | Bachelor of Science, Cell and Molecular Biology | May 2020 |
| | Business Minor: 18 Hours of Business Courses | Summer 2017 |
| The University of Seville | Study Abroad: 3 Hours of Biology Courses | Summer 2018 |
| | <i>Overall GPA: 3.57</i> | |

RESEARCH EXPERIENCE

| | |
|---|-------------------------|
| Undergraduate Research Assistant – <i>Havird Lab, University of Texas at Austin</i> | Fall 2019 - Present |
| <ul style="list-style-type: none">• Researched the coevolution of mitochondrial genomes and nuclear genomes in different species of the plant genus, <i>Silene</i>• Isolated mitochondria and analyzed the respiration rates of species within the genus, <i>Silene</i> | |
| Undergraduate Research Assistant - <i>Ryan Lab, University of Texas at Austin</i> | Fall 2018 – Summer 2019 |
| <ul style="list-style-type: none">• Researched the communication behaviors and hormonal state displayed by <i>Túngara</i> frogs when exposed to multimodal stimulation• Compiled data using coding software to analyze and score the behaviors of frogs• Performed extraction and elution of hormones from <i>Túngara</i> frogs | |

SKILLS

- Microsoft Word, PowerPoint, RStudio, Excel (intro business minor course)

LABORATORY COURSE WORK AND SKILLS

| | |
|--|-------------|
| Cell Biology Laboratory | Spring 2020 |
| <ul style="list-style-type: none">• Introduction to scientific writing, | |
| Laboratory Studies in Molecular Biology | Spring 2020 |
| <ul style="list-style-type: none">• RNA purification, qPCR, protein purification, cDNA synthesis, SDS-PAGE, and western blot | |
| Bioinformatics and Computational Biology | Fall 2019 |
| <ul style="list-style-type: none">• Statistical software R | |
| Organic Chemistry Laboratory | Fall 2019 |
| <ul style="list-style-type: none">• Liquid-liquid extraction, fractional distillation, extraction and recrystallization | |
| Lab Experience in Genetics | Fall 2018 |
| <ul style="list-style-type: none">• Agarose and polyacrylamide gel electrophoresis, PCR, and western blot | |
| General Microbiology Lab | Spring 2018 |
| <ul style="list-style-type: none">• Inoculations, micropipette, bacterial transformation, and culture transfer | |
| Introduction to Chemical Practice | Spring 2017 |
| <ul style="list-style-type: none">• Titration, spectrophotometry, use of volumetric glassware, and use of pH meters | |

LEADERSHIP EXPERIENCE

| | |
|---|----------------------|
| University of Texas FIG Mentor – College of Natural Sciences | Fall 2017- Fall 2018 |
| <ul style="list-style-type: none">• Mentored and led first-year university students within the College of Natural Sciences• Provided information and introduced services and resources offered by the University of Texas for students | |

HONORS AND AWARDS

- | | |
|---|------------------------|
| • College of Natural Sciences University Honors | Fall 2018, Spring 2019 |
|---|------------------------|