

Gina Carrion

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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

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