

# Gina Carrion

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## EDUCATION

<b>The University of Texas at Austin</b>	Bachelor of Science, Cell and Molecular Biology	Expected May 2020
	Business Minor: 18 Hours of Business Courses, McCombs	Summer 2017
	Summer Institute	
<b>The University of Seville</b>	Faculty-Led Study Abroad: 3 Hours of Biology Courses	Summer 2018
	Overall GPA: 3.5808	

## RESEARCH EXPERIENCE

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

## SKILLS

- Micropipetting, preparing solutions and cleaning lab equipment, PCR, gel electrophoresis, protein and hormone extraction and purification, culture transfer and inoculation
- Microsoft Word, PowerPoint, Excel (MIS 302F), RStudio

## LABORATORY COURSE WORK

<b>Bioinformatics and Computational Biology</b>	Fall 2019
<ul style="list-style-type: none"><li>• Statistical software R</li></ul>	
<b>Organic Chemistry Laboratory</b>	Fall 2019
<ul style="list-style-type: none"><li>• Liquid-liquid extraction, fractional distillation, extraction and recrystallization</li></ul>	
<b>Lab Experience in Genetics</b>	Fall 2018
<ul style="list-style-type: none"><li>• Agarose and polyacrylamide gel electrophoresis, PCR, and western blot</li></ul>	
<b>General Microbiology Lab</b>	Spring 2018
<ul style="list-style-type: none"><li>• Inoculations, micropipette, bacterial transformation, and culture transfer</li></ul>	
<b>Introduction to Chemical Practice</b>	Spring 2017
<ul style="list-style-type: none"><li>• Titration, spectrophotometry, use of volumetric glassware, and use of pH meters</li></ul>	

## LEADERSHIP EXPERIENCE

<b>University of Texas FIG Mentor – College of Natural Sciences</b>		Fall 2017- Fall 2018
<ul style="list-style-type: none"><li>• Mentored and led first-year university students within the College of Natural Sciences</li><li>• Provided information and introduced services and resources offered by the University of Texas for students</li><li>• Fostered a welcoming community for first-year students to make connections with faculty and students on campus</li></ul>		

## HONORS AND AWARDS

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