

# Jacob Sigren

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## Education

**The University of Texas at Austin**  
Fall 2009 – Spring 2011  
*Bachelor of Science in Biology*  
*Emphasis on Ecology, Evolution, & Behavior*

**Texas A&M University at Corpus Christi**  
Fall 2007 – Spring 2009  
*Undeclared Biology Major*  
*Emphasis on Ecology*

Cumulative GPA: 3.52 on a 4.0 scale  
Major Specific GPA: 3.62 on a 4.0 scale

## Graduate Record Exam Scores

### **General Test Scores:**

Verbal Reasoning	560	78 <sup>th</sup> percentile
Quantitative Reasoning	790	91 <sup>st</sup> percentile
Analytical Writing	4.0	45 <sup>th</sup> percentile

### **Biology Subject Test Scores:**

Overall	810	89 <sup>th</sup> percentile
Cellular and Molecular		76 <sup>th</sup> percentile
Organismal		83 <sup>rd</sup> percentile
Ecology, Evolution, and Populations		95 <sup>th</sup> percentile

## Professional Experience

**Baylor College of Medicine Center for Educational Outreach, Houston, TX.....**  
Summer 2010 & June 2011 – May 2012

### *Office Support Specialist*

Helped organize the storage room and office, transported supplies to schools, and organized and bought supplies for shipments. Built and edited websites, wrote an online course on environmental science, created an online biology curriculum for teachers seeking alternative certification, and created ecology lessons for elementary school students. Assisted in the teaching of a genetics lab course to high school students and a nutrition class to elementary school teachers.

**Texas A&M University at Corpus Christi, Corpus Christi, TX.....**Spring 2009

### *Science Tutor*

Tutored large groups of college students in chemistry, organic chemistry, physics, biology, ecology, microbiology, and genetics.

## Volunteer Work

**Texas A&M University at Galveston, Galveston, TX.....**November 2011 – May 2012

### *Volunteer*

Identified gastropod species for research on sea grass eutrophication and community

structure in Dr. Armitage's lab. Aided in field work regarding the effect of *Spartina alterniflora* diversity on restoration success.

**Sheldon Lake State Park**, Houston, TX.....October 2011 – May 2012

*Volunteer*

Planted native flora in restored coastal prairie communities, planted native freshwater flora in restored wetland, removed the exotic species, *Triadica sebifera*, from the park, and in general weeded and maintained trails.

**Texas Natural History Collections**, Austin, TX.....Spring 2011

*Student Volunteer*

Surveyed and took tissue samples of fish, reptile, and amphibian species at Mustang Island. Aided in surveying the fish and reptile species of Wilbarger Creek. Captured, tracked, and tagged *Nerodia erythrogaster transversa* along Waller Creek.

### **Achievements**

Texas A&M University at Corpus Christi Honor's Program Spring 2007 – Fall 2009  
Texas A&M University at Corpus Christi Dean's List Fall 2007  
The University of Texas at Austin University Honors Spring 2010, Fall 2011, & Spring 2011

### **Skills**

- Proficient in Microsoft Office (Word, PowerPoint, Excel, Outlook), SPSS, descriptive and inferential statistics, and competent at html web design
- Educated in using microbiology, genetics, and physiology lab equipment
- Trained in surveying, identifying, tagging, and handling numerous vertebrate species, and various other field ecology techniques
- Competent in fish collecting techniques such as electro-fishing and the usage of seine and gill nets
- Capable in topographical map reading and using GPS technology
- Have taken coursework in and speak basic Spanish