

## Educator Experience

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### **Student Teacher; Hudson Middle School (GISD)- Spring 2017**

#### **Animal Caretaker; Holifield Science Learning Center (PISD)- March 2015 – December 2016**

- Cleaned and maintained animal enclosures. In my previous position as facilitator I implemented lesson plans for Kindergarten, 2<sup>nd</sup>, and 4<sup>th</sup> grade.

#### **Director; Club Scientific Dallas Science Camp- Summer 2013 - present**

- Support and leader for group of 12 counselors including scheduling, disciplinary referrals, and parent contacts. Also coordinated weekly open house with a total of 1300 students attending. In my previous position I implemented weekly science unit lesson plans for ages 6-8 and ages 9-13 as a counselor.

#### **Teacher/Student; UTeach program at University of Texas at Dallas- present**

- Created and taught science lessons at 5<sup>th</sup> grade ( RISD), 8<sup>th</sup> grade (GISD), 8<sup>th</sup> grade (MISD), and high school levels (RISD)

#### **Aquarist/Educator; Dallas Zoo/Children's Aquarium at Fair Park- January 2006 – April 2011**

- Cleaned and maintained animal exhibits. Prepared food for all exhibits, included lab work, necropsies and medical treatment. Gave daily zookeeper talks to educate the general public on animals. Created and implemented lessons based on animal exhibits. (Jan 2006-March 2010 volunteer, March 2010-April 2011 employed)

## Continuing Professional Education

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### **Participant; Perot Museum STEM Institute- 2016- present (150+ CPE Credits)**

#### **Presenter; UTeach Institute Conference- May 2014**

#### **Research; National Science Foundation Grant Recipient- Summer 2013**

- Geological research in Sierra Nevada Mountains with world expert in that area. Translated real world geology into lesson plans for middle school and high school students

## Volunteer Experience

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### **Volunteer; Perot Science Museum- Jan 2013 - 2015**

#### **Volunteer; Texas Parks and Wildlife Dec 2007 - present**

- Catalogues population of indigenous mussel species with endangered species scientific permit.

#### **Volunteer; Texas Stream Team Dec 2006 - Dec 2007**

- Water quality testing, included lab work.

#### **Volunteer; Lewisville Aquatic Ecosystem Research Facility- Summer 2005**

- Actively grew and maintained native aquatic plants and fish. Educated public on invasive plants species.

## Affiliations

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Member; Phi Delta Kappa Honors Society  
Member; National Scholars Honors Society  
Member; Texas Education Association

Member; Phi Theta Kappa International Honors Society  
Member; National Science Teachers of America  
Member; Association of Zoos and Aquariums

## Education

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University of Texas at Dallas – BS Interdisciplinary Biology/Geology, Teaching Certifications 4-8 Science, May 2017  
Collin College – Associates of Science  
Texas A&M University- Marine Biology program