

# Christopher E. Carrell

## **Educational Background**

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**High School Diploma, Nederland High School, May 2004**

**Bachelor of Science, Southeastern Louisiana University, December 2007**

Major: Ecology, Environmental, and Evolutionary Biology

GPA: 3.75/4.0 Major GPA: 3.95/4.0

**Master of Science, Southeastern Louisiana University, December 2009**

Major: Biology; Concentration: Wetlands

GPA: 4.0/4.0

**Highly Qualified Teacher, April 2015**

Content Area: Science 7-12

## **Work Experience**

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**8<sup>th</sup> Grade Science Educator, August 2015 – Present**

Llano Junior High School, Llano, Texas

Principle: Todd Keele – (325)247-4659

As a Science Educator, I strive to not only get each of my students excited about Science, but so intrigued that they pursue a secondary education and a career in a STEM field. I do this by developing hands-on, technology based, interactive lessons that will engage my students from bell to bell, and beyond. Throughout the school year I put on a Mr. Wizard type chemistry demonstration, my students design and operate propulsion systems for life-size hover boards, and my students design, engineer, and launch air pressure bottle rockets. My goal as a Science Educator is to be the Teacher that inspires my students and encourages them to think logically, be skeptical, and be the positive change this world desperately needs.

**Region 13 Education Certification Program Intern, January 2015 – May 2016**

Region 13 Education Service Center, Austin, Texas

Secondary Cohort Leader: Pamela Pate – (512)919-5245

The Region 13 Education Certification Program is a highly regarded program that has provided efficient and effective alternative teaching certification for almost 30 years. As an ECP intern I participated in a rigorous, field-based program that integrates theory with hands-on practice. During my first year as a Science Educator, I will received structured and sustained support through continued classroom training and observation.

**Environmental Specialist, June 2011 – August 2015**

*Horizon Environmental Services, INC.*, Austin, Texas

Supervisor: Shannon Dorsey – (512)328-2430

At Horizon Environmental Services, I planned, conducted and coordinated native wildlife and endangered species habitat assessments, presence/absence surveys and territorial mapping for several local and nationwide species. I performed wetland determinations and delineations, Stormwater Pollution Prevention Plans, Wildlife Ag Exemption activities on private lands, Phase I Environmental Site Assessments and Phase II sampling, and recognition of karst characteristics, recharge features, and suitable endangered species habitats. During day to day operations I prepared and presented information to clients and government officials. I also prepared presentations and spoke at numerous conferences.

**Forestry Technician, February 2010 – June 2011**

*Balcones Canyonlands National Wildlife Refuge*, USFWS, Marble Falls, Texas

Supervisor: Luke Ball – (512)940-3452

At Balcones Canyonlands National Wildlife Refuge, I planned, implemented and analyzed management studies and investigations required to evaluate wildlife population trends, wildlife utilization, wildlife habitats, and habitat and ecological management problems on and off the Balcones

Canyonlands National Wildlife Refuge. I also planned, conducted and coordinated wildlife inventory and habitat surveys for game and non-game migratory birds, mammals, amphibians, reptiles, and vegetation. I performed biological studies and surveys on habitat, water quality and ecological conditions including detailed wetland, cropland, and grassland field studies. During day to day operations, I supervised student interns, under the STEP (student temporary education program) and SCA (Student Conservation Alliance) programs to complete projects for the biological and prescribed fire programs. I also assisted with Visitor Service activities for school aged children, outreach, interpretation and the whitetail hunt program.

**Biological Science Technician** January 2005 – December 2009

*Southeastern Louisiana National Wildlife Refuges*, USFWS, Lacombe, Louisiana

Supervisor: James Harris - (985)882-2000

At Southeastern Louisiana National Wildlife Refuge Complex, I planned, conducted and coordinated wildlife inventory and habitat surveys to support resident wildlife, threatened and endangered species, species of concern, and important fisheries including: game and non-game migratory birds, mammals, amphibians, reptiles, and vegetation. Some of these investigations included: migratory waterfowl aerial surveys, banding threatened brown pelicans, brown pelican breeding patterns and telemetry surveys, gopher tortoise habitat monitoring, secretive marsh bird habitat monitoring, Louisiana Black Bear telemetry and bait station monitoring, surveying the endangered red-cockaded woodpecker, Christmas Bird Count surveys, grass and woodland vegetation surveys, and prescribed fire severity surveys. During day to day operations, I supervised students under the STEP (student temporary education program), YCC (youth conservation corps), AmeriCorps, SCA (Student Conservation Association Interns), and local interns to complete projects for the biological and prescribed fire programs. I assisted the Environmental Education department with public outreach, interpretation, and education, including canoe trips and wildlife programs for school aged children.

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## **Volunteer Service**

**Llano High School** February 2015 - Present

I currently assist the Llano High School baseball team, under the supervision of Head Coach Mr. Stephen Campbell, with practices relying on my extensive knowledge gained from experience from playing high school and college baseball.

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## **Awards**

**Llano Independent School District:** January 2016

Llano Junior High Educator of the Year

**Llano Independent School District:** November 2015

Llano I.S.D. Academic Booster Club Grant for Augmented Reality Topographic Sandbox

**Office of Coastal Protection and Restoration, State of Louisiana:** June 2009

Coastal Scientists Apprenticeship Program (CSAP) Internship

**Southeastern Louisiana University:** January 2009

Sea Grant Award

**Southeastern Louisiana University:** November 2007

Beta Beta Beta (Tri Beta) Honor Society

**Southeastern Louisiana University:** August 2007

Student Technology and Research (STAR) Grant Award

**U.S. Fish and Wildlife Service:** May 2006

Regional Directors Honor Award

## **Additional Information**

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### **Publications:**

Carrell, Christopher E., Shaffer, G.P., and Wood, William B. 2009. Assembly Rules and Hurricane Induced Wetland Habitat-State Change. Published thesis. Southeastern Louisiana University.

Boshart, B. and Carrell, Christopher E. Published report. West Point a la Hache BA-04 siphon project. Office of Coastal Protection and Restoration, State of Louisiana.

Carrell, Christopher E. "Teach Seasons with this Amazing Station Lab Activity." Standard Blog. [www.keslerscience.com](http://www.keslerscience.com). Kesler Science, LLC, 9 March 2016.

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