

**Wildlife Management and Biology Research Graduate, Geospatial Information Systems Master's Student**

**Experience**

**Geospatial Information Systems Student Worker** – Delta State University – Cleveland, MS (Aug 2017 – Present)

**CURRENT** - Part of the USGS Conservation Lease Project

- Scan and organize conservation easement leases with counties in Mississippi
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**CURRENT** - Part of National Geospatial-Intelligence Agency Team

- Learned to work with Digital Cartographic Studio in editing cartographic maps
- Proficient in Digital Cartographic Studio and Cartographic Web Services programs
- Review and edit topographic maps for accuracy and legibility

Previous Head of Delta Wildlife Management Wells project

- Managed up to 5 students
- Trained each student to identify and edit irrigation well points in ArcMap
- Raised productivity in project after transfer

Head of USGS Fire Stations Management project

- Managed up to 5 students
- Trained students on using ArcMap in junction with the USGS National Corps map editor system to locate fire stations across the United States and ensure their information is accurate
- Gave a presentation in 2017 at the Geospatial Platform Workshop regarding an update on methods and progress of the project

- **Tour Reservationist** – Cajun Encounters Tour Company – Slidell, LA (April 2017 – Aug 2017)

- Reserving tours for customers by phone
- Checking customers in for swamp tours
- Running cash register
- Stocking and cleaning gift shop

- **Entomology Intern** – Audubon Butterfly Garden and Insectarium – New Orleans, LA (Dec 2016 – Mar 2017)

- Assisting in cleaning of Butterfly Garden
- Interacting with visitors and educating them on the insects displayed
- Assisting in handling of shipments of insects received
- Assisting in general care of insects and other animals on floor

- **Volunteer** - Wild at Heart Wildlife Rescue - Gulfport, MS (Jan 2014 – May 2016)

- Aiding in transportation of wildlife to rescuers
- Assisting in building outdoor rehabilitation enclosures
- Helping in feeding young avian and mammals.
- Assisting in capture of injured wildlife

## Education

- **CURRENT** - *Masters of Applied Science - Geospatial Information Technologies* – Delta State University – Cleveland, MS (2017, - 2018) **Expected Graduation – Dec 2018**
  - Remote Sensing
  - Geospatial Information Sciences
  - Geospatial Statistics
  - ArcGIS Programming
  - ArcGIS Geodatabase management
- *Bachelor of Science – Wildlife Management* - Delta State University - Cleveland, MS (2012-2015)
- *Bachelor of Science – Biology* - Delta State University - Cleveland, MS (2012-2015) **Graduate of 2015**
  - Wildlife Management
  - Wildlife Techniques
  - Herpetology
  - Dendrology
  - Ecology
  - Mammalogy
  - Entomology
  - Environmental Regulation
  - Public Speaking
  - Statistics

## Achievements

- **Academic Scholarship** - Delta State University, Cleveland, MS (2012 – 2015)
- **Dean's List** - Delta State University, Cleveland, MS (2012 - 2014)
- **ESRI Certificates**
  - Basics of Raster Data
  - Regression Analysis Using ArcGIS
  - Creating Prediction Surfaces in ArcGIS
  - Performing Spatial Interpolation Using ArcGIS
  - Using the R-ArcGIS Bridge
  - Exploring Spatial Patterns in Your Data Using ArcGIS
  - Integrating R Scripts into ArcGIS Geoprocessing Tools
  - Introduction to Surface Modeling Using ArcGIS
  - Basics of Map Projections
  - Basics of Geographic Coordinate Systems

## Skills

- Microsoft Office Suite
- Adobe Illustrator
- ArcGIS
- ENVI Classic
- R Studio
- Basic Python
- Digital Cartographic Studio
- Cartographic Web Services
- Specimen Collection (Herpetology, Dendrology, Entomology)
- Scientific Research & Data Collection
- Public Presentations & Speaking
- Wildlife Care and Rescue
- Wildlife Photography
- Wildlife Documentation
- Organizational Leadership
- Fundraising
- Customer Service
- Scientific Reporting
- Developing wildlife management plans
- Habitat preservation
- Ability to Drive Manual Vehicles

## References

- Dr. Ellen Green, Chair of Biological Sciences, Associate Professor of Biology
  - Delta State University
  - [esgreen@deltastate.edu](mailto:esgreen@deltastate.edu)
  - 1-662-846-4484
- Dr. Eric Blackwell, Associate Professor of Biology, Advisor for Beta Beta Beta National Biological Research Society
  - Delta State University
  - [eblackwell@deltastate.edu](mailto:eblackwell@deltastate.edu)
  - 1-662-846-4247
- Zack Lemann, Animal and Visitor Programs Manager
  - [zlemann@auduboninstitute.org](mailto:zlemann@auduboninstitute.org)
  - 1-504-587-2109
- Mr. Talbot Brooks
  - Delta State University
  - [tbrooks@deltastate.edu](mailto:tbrooks@deltastate.edu)
  - 662-588-5649