

# LAURA STREIB

404-357-9507 • laurastreib@gmail.com • www.linkedin.com/in/laurastreib  
121 Washington Ave. Lexington, Kentucky 40506

---

## EDUCATION

### University of Kentucky (August 2017-Present)

Current master's student in the Earth and Environmental Sciences department, expected graduation 2019

### Georgia State University (August 2013-August 2016)

Completed Bachelor of Science, Geosciences major with a Geology concentration.

Overall GPA: 3.44

Major GPA: 3.61.

## WORK EXPERIENCE

### Teaching Assistant, University of Kentucky (August 2017-Present)

*Lexington, KY*

- Served as a TA for courses entitled Earthquakes and Volcanoes, Geology of the National Parks, and Landforms.

### Field Manager, Environment Georgia (May-August 2017)

*Atlanta, GA*

- Went door to door to educate the public about environmental issues and to collect donations and petition signatures.
- Managed a team of five, trained new employees, and helped ensure the success and continued progress of current employees.

### Lab Assistant, McGuire Lab at Georgia Tech (February-May 2017)

*Atlanta, GA*

- Picked fossils from rock matrix collected from Natural Trap Cave, Wyoming. Worked to curate specimens to be placed in museum collections.

### Volunteer, Fernbank Museum of Natural History (November-May 2017)

*Atlanta, GA*

- Facilitated the Walk Through Time in Georgia exhibit and instructed visitors in the physiographic regions of Georgia and the rocks and fossils found in each.
- Greeted guests, collected tickets, provided directions, and gave information on the museum and events.

### Assistant, Georgia Geographic Alliance (August 2013-May 2016)

*Atlanta, GA*

- The organization is part of a network of alliances in each state funded by National Geographic aimed to promote geography education to K-12 students.
- Gathered resources and created curriculum related activities for K-12 students.
- Completed a literature review on place-based learning for use in project development.
- Created Georgia history map using MapMaker Interactive for National Geographic to be a resource on their website for elementary school teachers.
- Helped prepare and execute a four-day teacher workshop. Created materials, designed activities, and instructed. Workshop focused on using place based learning to teach paleontology in the classroom. It consisted of two days of field trips and two days of classroom instruction.
- Learned to use iNaturalist app in preparation for a bioblitz. Instructed organizers, volunteers, and attendees in using the app.
- Educated families about Georgia rocks and fossils at the Atlanta Science Festival (Discovery Day and Exploration Expo 2014-2017).
- Cared for a lab of marine animals used in research and education.

### Senpai, Cuong Nhu (August 2005-May 2016)

*Atlanta, GA*

- Studied the martial art Cuong Nhu. Instructed children's classes for five years and taught adult classes intermittently. Instructed summer camps for three summers created materials, designed and set up activities, and monitored free play.

## FIELD EXPERIENCE

### Museum of the Rockies (July 2015 and 2016)

*Choteau, Montana*

- Participated in a five weeklong and a two weeklong excavation led by Dr. David Varricchio. Excavation was of Egg Mountain of the Two Medicine Formation near Choteau, Montana. It is a dinosaur-nesting site that contains *Maiasaura* and *Troodon* eggs and *Orodromeus* and mammal material.

## FIELD EXPERIENCE CONTINUED

### Field Camp (June-July 2016)

*Dillon, Montana*

- Completed Georgia State University's six weeklong geology field camp, winner of the ExxonMobil field camp excellence award. Mapped to the member level using hand mapping and by utilizing GPS and GIS mapping techniques.

### Natural Environments of Georgia Field Course (May 2016)

*Atlanta, Georgia*

- Completed a course on how the geology, flora, and fauna of Georgia interact. Instruction took place in the classroom and at Arabia Mountain, Jekyll Island, and Cloudland Canyon.

### Study Abroad (May 2015)

*Strasbourg, France*

- Participated in a three-week study abroad. The program stopped in Strasbourg, Heidelberg, Nuremberg, Prague, Berlin, and Amsterdam. It focused on environmental policy, solving economic and social problems, critical thinking, and writing skills. I prepared a policy brief on the Finnish education system.

### Virginia Museum of Natural History (May-June 2014)

*Carmel Church, Virginia*

- Participated in two weeklong excavation led by Dr. Alton Dooley. Excavation was of Carmel Church Quarry, a 14 million year old marine deposit with mostly whale remains.

## RESEARCH

### Master's

- Thesis Project uses diatom assemblages to create a hydroclimatic reconstruction of June Lake in the Sierra Nevada Mountains of California over the past 2,000 years.

### Undergraduate

- Completed two projects on the effect of the plio-pleistocene extinction on mollusks in North Carolina. Identified specimens by genus and analyzed them for signs of predation and bioerosion. Analyzed data to see which lifestyles were most successful at avoiding and surviving attacks.
- Created a map displaying the paleontological history of Georgia using MapMaker Interactive. Researched place based learning and the paleontology of Georgia in order to create the map, intended for use by K-12 students in the state.
- Planned, created materials for, and instructed a teacher workshop on using place based learning to teach paleontology in the classroom.

## PRESENTATIONS

- Visaggi, Christy, **Streib, Laura**, Oldham, Morgan, Rickles, Austin, Gardener, Daniel, Gilly, Austin, Acker, Adam, Parnell, Bradley, Dietl, Gregory and Kelley, Patricia H. (2016). Trophic Ecology and Bioerosion of Molluscan Faunas From The Lower Waccamaw Formation At Prince's Quarry in Southeastern North Carolina. Columbia, SC: 2016 Annual Meeting of the Southeastern Section of the Geological Society of America
- Visaggi, Christy, Pickering, Rebecca, **Streib, Laura**, Martinez, Jessica, Toro, Matthew. (2015, February). Using Maps, Fossils, and Place-Based Learning To Explore History of Life in Georgia Macon, GA: 2015 Annual Meeting of the Georgia Science Teachers Association
- Streib, Laura**, Visaggi, Christy (2014) Using Place to help Students Understand the History of Life. Vancouver, Canada: 2014 Annual Meeting of the Geological Society of America
- Visaggi, Christy, Pickering, Rebecca, Adams, Peter, Braun, Erick, Simpson, Simmone, Stearns, John, **Streib, Laura**, Toro, Matthew J., Kelley, Patricia H. and Dietl, Gregory P. (2014). Spatial Comparison of the Paleoecology of Molluscan Assemblages from the Lower Waccamaw Formation (Pleistocene) Across Multiple Localities in Southeastern North Carolina. Blacksburg, VA: 2014 Annual Meeting of the Southeastern Section of the Geological Society of America