

Kristen Martinet

Curriculum Vitae

EDUCATION

Present **PhD, Bioinformatics and Computational Biology**
University of Idaho, Moscow, Idaho
Advisor: Luke Harmon

2018 **BS, Biology Honors Program**
Minor: Computer Science
Florida Southern College, Lakeland, Florida

RESEARCH EXPERIENCE

Present Research Assistantship in the Harmon Lab
Phylogenetic comparative methods

2017 – 2018 Extinction-Based Genetic Algorithms
Incorporating extinction in a genetic algorithm to expand the search space

2016 – 2017 Comparison of Commensal Diversity of Two Gopher Tortoise
(*Gopherus polyphemus*) Populations
Sampling G. polyphemus burrow commensals and comparing diversity between sites

2015 – 2017 Life History Traits and Spatial Ecology of Striped Mud Turtles
(*Kinosternon baurii*)
Mark-recapture and telemetry study on K. baurii

FELLOWSHIPS & SCHOLARSHIPS

2019 Bioinformatics and Computational Biology Fellowship | University of Idaho
2016 – 2018 Southern Biology Research Scholarship | Florida Southern College
2014 – 2018 Pfeiffer Scholarship | Florida Southern College
2014 – 2018 Christoverson Scholarship | Florida Southern College

AWARDS & HONORS

2018 First Place Presentation, Fiat Lux Academic Showcase | Florida Southern College
2018 Computer Science Department Outstanding Senior | Florida Southern College

EMPLOYMENT HISTORY

Shevet Associates | Lakeland, Florida
2018 – 2019 Environmental Consultant

Student Solutions Center | Florida Southern College

2018 Peer Assisted Study Sessions Student Leader

2017 – 2018 Statistics Tutor

ZooTampa | Tampa, Florida

2016 Herpetology Department Intern

PUBLICATIONS

3. Stemle, L.R., **Martinet, K.M.**, & Langford, G.J. (in press). Spatial Ecology of the Striped Mud Turtle, *Kinosternon baurii*, in a Restored Florida Wetland. *Herpetological Review*.
2. **Martinet, K.M.**, Stemle, L.R., & Langford, G.J. A Comparative Analysis of the Commensal Diversity from Two Gopher Tortoise (*Gopherus polyphemus*) Populations in Central Florida. *In revision*.
1. Stemle, L.R., **Martinet, K.M.**, & Langford, G.J. Natural History Traits and Ecology of the Striped Mud Turtle in a Florida Wetland. *In revision*.

PRESENTATIONS AT PROFESSIONAL MEETINGS

Presenter is first author, unless indicated by *

3. **Martinet, K.M.**, Stemle, L.R., & Langford, G.J. (2018). A Comparative Analysis of the Commensal Diversity from Two Gopher Tortoise (*Gopherus polyphemus*) Populations in Central Florida. Joint Meeting of Ichthyologists and Herpetologists, Rochester, New York. Poster.
2. Stemle, L.R., **Martinet, K.M.**, & Langford, G.J. Life History Traits and Spatial Ecology of the Striped Mud Turtle, *Kinosternon baurii*, in Central Florida. (2018). Joint Meeting of Ichthyologists and Herpetologists, Rochester, New York.
1. Stemle, L.R.*, **Martinet, K.M.***, & Langford, G.J. Life History Traits and Spatial Ecology of the Striped Mud Turtle, *Kinosternon baurii*, in Central Florida. (2017). Florida Chapter of The Wildlife Society Spring Conference, Orlando, Florida. Poster.

CURRENT PROFESSIONAL ASSOCIATION MEMBERSHIPS

The Society of Systematic Biologists (2019 – Present)

Association for Computing Machinery (2019 – Present)

Society for the Study of Amphibians and Reptiles (2017 – Present)