

# Claudia Laurenzano

## Curriculum Vitae

### Education

- Spring 2015–present **Doctoral program**, *University of Louisiana*, Lafayette, LA.  
Dissertation research under J.A. Nelson
- 2011–2014 **Masters of Biology**, *Universität Regensburg*.  
Focuses: Zoology, Evolution & Molecular Ecology, Botany
- 2007–2010 **Bachelor of Biology**, *Universität Regensburg*.

### Publications

Laurenzano, C., Costa, T.M. and Schubart, C.D. (in press). Contrasting patterns of clinal genetic diversity and potential colonization pathways in two species of western Atlantic fiddler crabs. *Plos One*

Laurenzano, C., Mantelatto, F.L.M., and Schubart, C.D. (2013). South American homogeneity versus Caribbean heterogeneity: population genetic structure of the western Atlantic fiddler crab *Uca rapax* (Brachyura, Ocypodidae). *J Exp Mar Biol Ecol*, 449:22-27.

Laurenzano, C., Farias, N.E., and Schubart, C.D. (2012). Mitochondrial genetic structure of two populations of *Uca uruguayensis* fails to reveal an impact of the Rio de la Plata on gene flow. *Nauplius*, 20(1):15-25.

### Awards and Grants

- Spring 2017 **2017 Coastal Connections Three Minute Thesis competition**, *Louisiana Sea Grant*, University of Louisiana at Lafayette, \$500.00.
- Spring 2017 **Student Government Association**, *University of Louisiana at Lafayette*, Registration fee support for the 2017 Annual SICB meeting, \$140.00.
- Fall 2016 **Charlotte Mangum Student Support Program for the 2017 Annual SICB meeting**, Housing support, \$650.00.
- 2015–2016 **Graduate Student Organization**, *University of Louisiana at Lafayette*, Graduate research equipment/supplies grant, \$160.00 each semester.  
Total \$640.00
- 2012–2014 **ALECHILE/DAAD (55252995)**, *German-Chilean Academic exchange*, PD Dr. Christoph D. Schubart, Universität Regensburg, Deutschland, co-PI with Prof. Dr. Martin Thiel, Universidad Católica del Norte Coquimbo, Chile, "Evolutionary ecology of small marine herbivores – the influence of host characteristics and latitudinally changing dispersal opportunities", Two years travel grant (May 2012–April 2014).  
Total: EUR 13,110

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🌐 [nelsonecolab.net](http://nelsonecolab.net)

2013–2014 **CAPES-Probral/DAAD (56266761)**, *German-Brazilian Academic exchange*, PD Dr. Christoph D. Schubart, Universität Regensburg, Deutschland, co-PI with T.M. Costa (Universidade Estadual Paulista Júlio de Mesquita Filho), "Diversity and ecology of southern Brazilian mangroves, as exemplified by genetic, morphological, ethological, physiological and ecotoxicological comparisons between two closely related species of fiddler crabs", Two years travel grant (March 2013 – Dec. 2014).  
Total: EUR 21,077

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## Communication Skills

- Jan 2017 **Poster Presentation at the Annual Society for Integrative and Comparative Biology 2017**, New Orleans, LA.  
"Population Genetics in Two Western Atlantic Fiddler Crabs: Differences and Similarities"
- Nov 2016 **Oral Presentation at the 16th Annual Graduate Student Symposium, University of Louisiana at Lafayette (GSS)**, Lafayette, LA.  
"Population genetics in American fiddler crabs"
- Sep 2012 **Oral Presentation at the Deutsche Zoologische Gesellschaft Conference (DZG)**, Konstanz, Germany.  
"South American homogeneity versus Caribbean heterogeneity: population genetic structure of the western Atlantic fiddler crab *Uca rapax* (Brachyura, Ocypodidae)"
- Jun 2012 **Poster Presentation at The Crustacean Society (TCS)**, Athens, Greece.  
"Evidence of restricted gene flow in the mudflat fiddler crab *Uca rapax* (Decapoda: Brachyura: Ocypodidae) along the tropical Western Atlantic"
- Apr 2011 **Oral Presentation at the Deutsche Crustaceologen Tagung (Crustag)**, Regensburg, Germany.  
"Genetic differentiation of widespread fiddler crab species along the tropical western Atlantic"
- Sep 2010 **Poster Presentation at the Deutsche Zoologische Gesellschaft Conference (DZG)**, Hamburg, Germany.  
"Genetic differentiation of widespread fiddler crab species along the tropical western Atlantic"

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## Research Experience

- Dec 2013 **Field work**, *DAAD Project 56266761*, Brazilian coastline.  
Crab sampling and intercultural experience
- Nov 2012–Jan 2013 **Field work and data analysis**, *DAAD Project 55252995*, Universidad Católica del Norte Coquimbo, Chile.  
Ecology and life history of marine isopodas (*Amphoroidea*) with Prof. Ma. Thiel
- Oct 2010–Dec 2010 **Field work assistant**, *Smithsonian Tropical Research Institute*, Panama City, Panama.  
Behavior and orientation of eastern Pacific fiddler crabs (*Uca*) with Dr. J.E. Layne and Dr. J.H. Christy
- Nov 2009–Dec 2009 **Field work and molecular genetic analyses**, *DAAD Project 11624*, SIICUSP Ribeirão Preto, Brazil.  
Crab sampling, laboratory analyses and intercultural exchange

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## Teaching Experience

- Spring 2015–present **Teaching assistant**, *University of Louisiana at Lafayette*, BIOL 113: Essentials of Biology.  
Freshman biology laboratory

- Fall 2013 **Teaching assistant**, *Universität Regensburg*, Biology for Medical Students.  
Introduction to biology for medical students
- Fall 2008–Fall 2013 **Teaching assistant**, *Universität Regensburg*, Cytology and Anatomy of Animals.  
Introduction to biology for biology freshmen
- Spring 2010–Spring 2013 **Teaching assistant**, *Universität Regensburg*, Morphology and Taxonomy of Animals.  
Introduction to biology for biology freshmen

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## Professional Development

- Jan 2017 **Use of Stable Isotopes & Fatty Acids in Aquatic Ecology**, Universidad de Antofagasta, Chile.  
One-week course on the theoretical background and practical application of stable isotope analysis and fatty acids in aquatic ecology

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## Academic and Professional Service

### Academic Service

- Fall 2016 **Peer Review Referee for**, *Scientific Reports*.
- Spring 2016–present **Science Olympiad's Louisiana Region 2 competition**, *Lafayette, LA*, Food Science, grade levels K–12.  
Judge
- Fall 2016 **Breaux Bridge Primary School Science Fair**, *Breaux Bridge, LA*, grade levels 4 and 5.  
Judge

### Community Volunteer Service

- Summer 2016 **Gulf Brew 2016**, *Acadiana Center for the Arts, Lafayette LA*.  
Volunteer
- Fall 2016 **TEDx Vermillion Street 2016**, *Acadiana Center for the Arts, Lafayette LA*.  
Volunteer

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## Professional Societies

Society for Integrative and Comparative Biology  
The Crustacean Society

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## Languages

- German **First language**  
English **Fluent**  
Spanish **Intermediate**  
Italian **Intermediate**  
French **Intermediate**  
Portuguese **Basic**