

CURRICULUM VITAE

Paola Catalina López-Duarte

Integrative Oceanography Division
Scripps Institution of Oceanography
9500 Gilman Drive
La Jolla, CA 92093-0218

(858) 534-9527/3579 (Voice)
(858) 822-0562 (Fax)
plopezduarte@ucsd.edu

Education

- Ph.D.** Florida Institute of Technology, Melbourne, FL. Awarded May 2008.
Dissertation Title: Selective tidal-stream transport behavior of fiddler crab (*Uca* spp.) larvae: comparisons among species and different tidal regimes
- B.S.** Florida Institute of Technology, Melbourne, FL, Major: Marine Biology, Summa Cum Laude, 1999-2003

Professional Experience and Appointments

- Postdoctoral Scholar*, Integrative Oceanography Division, Scripps Institution of Oceanography, La Jolla, CA, 2008-present.
- Research Assistant*, StatTA Program (www.statta.com), Department of Biological Sciences, Florida Institute of Technology, 2006-2008.
- Teaching Assistant*, Department of Biological Sciences, Florida Institute of Technology, 2003-2006.
- Research Assistant*, Department of Biology Sciences, Florida Institute of Technology, Summers 2003-2005.

Awards and Honors

- Best Oral Presentation, Division of Invertebrate Zoology, Society for Integrative and Comparative Biology, January 2006
- Joan Bixby Women's History Award, 2005
- Outstanding Student Paper, Florida Academy of Science Meeting, March 2005
- Outstanding Graduate in Marine Biology, 2005
- Sigma Xi award for the Best Oral Presentation, Florida Academy of Science Meeting, March 2005
- Best Student Presentation, Benthic Ecology Meeting, March 2003
- Frank G. Brooks Award for Excellence in Student Research, $\beta\beta\beta$ Biological Honor Society, 2003
- Florida Tech Academic Scholarship, 1999-2003
- Outstanding Senior of the Year in Marine Biology, 2003
- Kerry B. Clark Endowed Scholarship in Marine Biology, 2002
- NSF Research Experience for Undergraduates Fellowship, Summer 2002
- Outstanding Junior of the Year in Marine Biology, 2002

Publications

- Tankersley, R.A. and P.C. López-Duarte. 2008. Biostatistical Inquiry Laboratory Manual. (*in review*)
- López-Duarte, P.C., J.H. Christy and R.A. Tankersley. 2008. Comparison of the selective tidal-stream transport behavior of fiddler crabs: test of a hypothesis. (*in prep*)
- López-Duarte, P.C. and R.A. Tankersley. 2008. Developmental shifts in the selective tidal-stream transport behavior of larvae of the fiddler crab *Uca minax*. (*in review*)
- López-Duarte, P.C. and R.A. Tankersley. 2007. Comparison of the circatidal swimming behaviors of larvae of the fiddler crab *Uca pugilator* from different tidal regimes. *Mar Ecol Prog Ser* 343:207-220.
- López-Duarte, P.C. and R.A. Tankersley. 2007. Circatidal swimming behavior of brachyuran crab zoea larvae: implications for ebb-tide transport. *Mar Biol* 151:2037-2051.

Presentations, Posters and Published Abstracts

- López-Duarte, P.C. and R.A. Tankersley. I got it from my mama! Do fiddler crab mothers communicate tidal information to their embryos during brooding? Benthic Ecology Meetings, Providence, RI. April 2008.
- López-Duarte, P.C., J.H. Christy, and R.A. Tankersley. How you get there depends on where you start: variation in fiddler crab larval dispersal mechanisms. Ocean Sciences Meeting, Orlando, FL. March 2008.
- López-Duarte, P.C., J.H. Christy, and R.A. Tankersley. Comparison of the selective tidal-stream transport behavior of fiddler crabs: test of a hypothesis. Benthic Ecology Meetings, Atlanta, GA. March 2007.
- López-Duarte, P.C. and R.A. Tankersley. Transporte selectivo usando la corriente mareal en larvas de cangrejo violinista (*Uca* spp.): comparación entre diferentes especies y regímenes mereales. STRI Presentation, Panama City, Panama. October 2006.
- López-Duarte, P.C. and R.A. Tankersley. When in Rome...circatidal swimming behaviors of fiddler crab larvae match the local tidal regime. 7th Larval Biology Symposium, Coos Bay, OR. September 2006
- López-Duarte, P.C. and R.A. Tankersley. Developmental shifts in the selective tidal-stream transport behavior of larvae of the fiddler crab *Uca minax*. Annual Meeting of the Florida Academy of Sciences, Melbourne, FL. March 2006.
- López-Duarte, P.C. and R.A. Tankersley. Developmental shifts in the selective tidal-stream transport behavior of larvae of the fiddler crab *Uca minax*. Ocean Sciences Meeting, Honolulu, HI. February 2006.
- López-Duarte, P.C. and R.A. Tankersley. Endogenous Swimming Rhythms of Fiddler Crab Zoeae from Different Tidal Regimes. Society of Integrative and Comparative Biology Meeting, Orlando, FL. January 2006.
- López-Duarte, P.C. and R.A. Tankersley. Vertical migratory behavior of fiddler crab larvae from different tidal regimes. Annual Meeting of the Florida Academy of Sciences, Tampa, FL. March 2005.

López-Duarte, P.C. and R.A. Tankersley. Vertical migratory behavior of fiddler crab larvae: comparisons among different tidal regimes. Southeastern Estuarine Research Society Regional Conference, Ft. Pierce, FL, April 2004.

López-Duarte, P.C. and R.A. Tankersley. Comparison of the circatidal swimming behaviors of larvae of the fiddler crab *Uca pugilator* from different tidal regimes. Benthic Ecology Meetings, March 2004.

López-Duarte, P.C. and R.A. Tankersley. Circatidal swimming behavior of brachyuran crab zoea larvae: Implications for ebb-tide transport. Benthic Ecology Meetings, March 2003.

López-Duarte, P.C. Circatidal swimming behavior of brachyuran crab zoea larvae: Implications for ebb-tide transport. TriBeta Southeastern District Convention, Washington, DC, April 2003.

Teaching Experience

Graduate Teaching Assistant, Marine Ecology, Florida Institute of Technology (Spring 2004, 2005, and 2006)

Graduate Teaching Assistant, Invertebrate Zoology, Florida Institute of Technology (Fall 2003, 2004, and 2005)

Graduate Teaching Assistant, Tropical Marine Ecology, Florida Institute of Technology (Summer 2005 and 2006)

Special Programs and Committee Participation

Resident Director, Department of Residence Life, Florida Institute of Technology, August 2003- May 2006

Professional Affiliations

Sigma Xi Scientific Research Society

TriBeta Biological Honor Society, Sigma Xi Chapter (Graduate Member)

Phi Beta Delta Honor Society for International Scholars, Florida Tech Chapter

The Crustacean Society

American Society of Limnology and Oceanography

Society for Integrative and Comparative Biology

Languages

Fluent in English and Spanish