

Jessica Chappell
email: jchapp@uga.edu

EDUCATION

Doctorate of Philosophy, Integrative Conservation in Ecology

University of Georgia (UGA)
Advisor: Dr. Cathy Pringle
Expected date of Graduation: May 2018

Masters of Science, Crops and Agroenvironmental Sciences

University of Puerto Rico, Mayaguez (UPRM)
Advisor: Dr. Stefanie Whitmire
Thesis title: The Influence of Environmental Variables and an Invasive Freshwater Bivalve
on the Phytoplankton Community of Two Tropical Reservoirs
June 2012, GPA: 4.0

Bachelor of Science: Aquatic Biology, Bachelor of Arts: Spanish

University of California, Santa Barbara (UCSB)
Graduated with Honors, GPA: 3.70
Received "Distinction in the Major" for Aquatic Biology
June 2008

PROFESSIONAL EXPERIENCE

- October 2012- February 2013 Research Assistant, Texas Natural History Collection Lab, University of Texas at Austin
Assist sorting and identifying of fresh and estuarine fish species collected throughout Texas.
- October 2012- June 2013 Real Estate Salesperson, Pacesetter Properties
Help clients to sell, buy, or lease properties in the Austin, Texas area.
- May 2010- June 2011 Research Assistant, Tropical Agriculture Research Station, U.S. Department of Agriculture
Completed data analysis and assisted in fruit fly data collection.
- March 2009- August 2009 Natural Resource Intern, National Park Service
Point Reyes National Seashore and Golden Gate National Recreation Area
Removed invasive species and participated in early detection efforts using vegetation surveys, GPS, and GIS to aid eradication efforts.
- October 2008 Team Member of Reef Check, Tofo, Mozambique
• Assisted in the implementation of the first reef check by identifying corals and other benthic marine life.
- June 2008- September 2008 Research Assistant at ECIM (Ecología Costera de Investigaciones Marinas), Las Cruces, Chile
• Responsible for running and managing data involving intertidal Chilean crab experiments for post doctorate Evie Wieters.
- March 2007- June 2008 Research Assistant, Dr. Jonathan Levine Ecology lab
Assisted with ecology projects both in the lab and the field.

- July 2007- August 2007 Intern in PISCO lab at UC Santa Cruz with mentor Dr. Pete Raimondi
 • Assisted with a major project by collecting, analyzing, and processing samples and data. Conducted comparative analysis of data.
- June 2006- June 2008 Research Assistant, Marine Science Research Institute UCSB
 Monitored sea urchin larval recruitment in the Santa Barbara area under the supervision of Professor Steve Schroeter, UC San Diego.
- June 2006- June 2008 Intern, Research Experience and Educational Facility (REEF), UCSB
 Led educational tours for groups of all ages; described marine animals and general ocean processes.
- June 2006- June 2008 Individual project with Professor Steve Gaines as mentor
 • Implemented data collection and data analysis projects. Projects focused on larval recruitment of different marine species, mainly sea urchins and barnacles.
- March 2006- June 2008 Intern in PISCO lab (The Partnership for the Interdisciplinary Studies of our Coastal Oceans) at UCSB
 • Collected and sorted samples. Established a protocol for analyzing barnacle recruitment samples. Trained interns to identify barnacle species and surveyed barnacle fecundity.
- March 2006- June 2008 Research certified SCUBA diver
 • Assisted PISCO in deploying instruments with this certification.

PAPERS

Chappell, J., Whitmire, S., Martínez, G. A., Sotomayor-Ramírez, D. The Impact of the Asian Clam on Phytoplankton Community Structure and Nutrient Concentrations within Tropical Reservoirs. Preparing to submit to the *Journal of Tropical Ecology*.

CONFERENCE PRESENTATIONS

Chappell, J., Whitmire, S., Martínez, G. A., Sotomayor-Ramírez, D., Santos, C. "Identification of the environmental variables which determine phytoplankton community structure in two distinct reservoirs." Poster. Ecological Society of America, Portland, Oregon. August 5-10, 2012.

Chappell, J., Whitmire, S., Martínez, G. A., Sotomayor-Ramírez, D. "The role of an invasive species, *Corbicula fluminea*, (Müller) on the phytoplankton community structure in two Puerto Rico reservoirs." Poster. Caribbean Food Crops Society, Quintana Roo, Mexico. May 20-26, 2012.

Chappell, J., Whitmire, S., Martínez, G. A., Sotomayor-Ramírez, D. "The Impact of an Invasive Bivalve on two Systems with Differing Nutrient Concentrations." Oral Presentation. American Society of Limnology and Oceanography, Salt Lake City, UT. Feb 20-25, 2012.

Chappell, J., Whitmire, S., Martínez, G. A., Sotomayor-Ramírez, D. "The Phytoplankton Community Structure in Two Puerto Rican Reservoirs of Contrasting Nutrient Status." Poster presentation. American Society of Limnology and Oceanography, San Juan, PR. Feb 13-18, 2011.

Chappell, J., Gaines, S., Macfarlan, J.A., Blanchette, C. "The Recruitment of Intertidal and Subtidal Barnacles on Experimental Plates along the Local Coastline." Poster Presentation. Undergraduate Research Symposium, UCSB. 2008.

Chappell, J., Raimondi, P., Woodson, B. "Upwelling and its Impacts on Different Barnacle Species in northern Monterey Bay." Poster Presentation. UC LEADS Symposium, UCSB. March 2008.

Chappell, J. "Sea Urchin Recruitment along the California Coast and its Relationship to Upwelling Events." Poster Presentation. Undergraduate Research Symposium, UCSB. May 2007.

GRANTS, HONORS, AND AWARDS

January 2014	3 rd Place Proposed Dissertation Research Annual Graduate Student Symposium Odum School of Ecology, University of Georgia
August 2013	Excellence in Graduate Recruitment Graduate School of UGA
December 2011	Student Travel Award for the American Society of Limnology and Oceanography 2012 Meeting in Salt Lake City, UT
June 2010- June 2011	Department of Energy- Savannah River Research Scholarship
October 2010	Local Student Grant for the American Society of Limnology and Oceanography 2011 Meeting in San Juan, PR

Honors program, College of Letters and Science, UCSB
Sigma Alpha Pi Honor Society, UCSB
UC LEADS program, UCSB
Phi Beta Kappa

AFFILIATIONS

Sigma Xi Research Society

COMMUNITY ACTIVITIES

Leader of activities for the Adventure Program, UCSB
Volunteer at the Ty Warner Sea Center, Santa Barbara, CA
Volunteer at Friendship Manor Retirement Community, Santa Barbara, CA
Volunteer as a Snowy Plover Docent, Santa Barbara, CA
Gaucho campus tour guide, UCSB
Kayak Leader for Campus Verde, UPRM
Member of the Public Speaking Club, UPRM
Volunteer with Guarda Arenas Program affiliated with Sea Grant, Puerto Rico
Secretary, Graduate Students of Ecology, UGA
Secretary, EcoReach, UGA