

Santiago Salinas

EDUCATION

Ph.D. in Marine Sciences, Stony Brook University (Stony Brook, NY). 2006-present.
Supervisor: Dr. Stephan Munch.

B.A. in Human Ecology, College of the Atlantic (Bar Harbor, ME). June 2005.
Concentration: Evolutionary biology and ecology.
GPA: 3.9/4.0

International Baccalaureate, United World College of the Pacific (Victoria, BC). June 2000.

TEACHING EXPERIENCE

Instructor. Stony Brook University.
Prospects for Planet Earth (Spring 2011).

Teaching Practicum. Stony Brook University.
Principles of Fishery Biology and Management (Spring 2009).

REFEREED PUBLICATIONS

1. **Salinas, S.**, K. Perez, T. Duffy, S. Sabatino, L. Hice, S.B. Munch, and D.O. Conover. 2012. The recovery of correlated traits following cessation of fishery-induced selection. *Evol. Appl.* In press.

2. **Salinas, S.** and S.B. Munch. 2012. Thermal legacies: transgenerational effects of temperature on growth in a vertebrate. *Ecol. Lett.* 15:159-163.
★ Cover article ★

3. Petersen, C.W., **S. Salinas**, R.L. Preston, and G.W. Kidder, III. 2010. Spawning periodicity and reproductive behavior of *Fundulus heteroclitus* in a New England salt marsh. *Copeia* 2010:203-210.

4. Munch, S.B. and **S. Salinas**. 2009. Latitudinal variation in lifespan is explained by the metabolic theory of ecology. *Proc. Natl. Acad. Sci. USA* 106:13860-13864.

5. **Salinas, S.**, Y.J. Brandvain, R. Anderson, J. Marty, R.L. Preston, G.W. Kidder III, and C.W. Petersen. 2004. Reproductive ecology of *Fundulus heteroclitus* and *Fundulus diaphanus* in a New England watershed. *Bull. MDIBL* 43:115-117.

CONFERENCE PRESENTATIONS (PRESENTER IN BOLD)

1. **Salinas, S.**, J.A. Siskidis, and S.B. Munch. Transgenerational plasticity in an estuarine fish and its implications for climate change. ThermAdapt meeting. April 2011. Tartu, Estonia. (*Oral presentation*)

2. **Salinas, S.**, J.A. Siskidis, and S.B. Munch. Transgenerational plasticity in an estuarine fish and its implications for climate change. American Society of Limnology and Oceanography Annual Meeting. February 2011. San Juan, Puerto Rico. (*Oral presentation*)
 ★ *Best presentation award* ★
3. **Salinas, S.**, J. Velasquez-Tibata, and S.B. Munch. Climate change, metabolism, and the future of life histories. Student Conference on Conservation Science - NY. November 2010. New York, New York. (*Speed-talk presentation*)
 ★ *Special mention* ★
4. **Salinas, S.**, J.A. Siskidis, and S.B. Munch. Transgenerational plasticity in growth in the sheepshead minnow. American Fisheries Society Annual Meeting. September 2010. Pittsburgh, Pennsylvania. (*Oral presentation*)
5. **Salinas, S.** and S.B. Munch. Effects of power plants on fish populations: analysis of a long-term Hudson River dataset. SCERP Environmental Symposium. April 2010. Southampton, New York. (*Poster presentation*)
6. **Salinas, S.**, J. Velasquez-Tibata, and S.B. Munch. Metabolism, temperature and the life histories of the future. New York Marine Sciences Consortium Annual Conference. September 2009. Bronx, New York. (*Poster presentation*)
7. **Perreti, C.**, S. Salinas, and S.B. Munch. Estimating impacts of power plant water withdrawal on fish populations: developing a novel Bayesian approach for calculating entrainment mortality. SCERP Environmental Symposium. May 2009. Southampton, New York. (*Oral presentation*)
8. **Salinas, S.** and S.B. Munch. Assessing local adaptation in lifespan through the metabolic theory of ecology. Evolution Annual Meeting. June 2008. Minneapolis, Minnesota. (*Oral presentation*)
9. **Salinas, S.** and S.B. Munch. Developing a novel Bayesian model for calculating entrainment mortality. SCERP Environmental Symposium. May 2008. Southampton, New York. (*Oral presentation*)
10. **Salinas, S.** and S.B. Munch. Estimating impacts of power plant water withdrawal on fish populations. SCERP Environmental Symposium. May 2007. Southampton, New York. (*Oral presentation*)
11. Petersen, C.W., **S. Salinas**, G.W. Kidder III, and R.L. Preston. Reproductive ecology of *Fundulus heteroclitus* in a New England salt marsh. Society for Integrative and Comparative Biology Annual Meeting. January 2005. San Diego, California. (*Oral presentation*)
12. **Salinas, S.**, **Y.J. Brandvain**, R. Anderson, J. Marty, G.W. Kidder III, R.L. Preston, and C.W. Petersen. Reproductive ecology of two species of *Fundulus* in a Maine watershed. 31st Maine Biological and Medical Sciences Symposium. April 2004. Salisbury Cove, Maine. (*Poster presentation*)
13. **Brandvain, Y.J.**, **S. Salinas**, R. Anderson, J. Marty, G.W. Kidder III, R.L. Preston, and C.W. Petersen. Reproductive ecology of two species of *Fundulus* in a Maine watershed. 33rd Annual Marine Benthic Ecology Meeting. March 2004. Mobile, Alabama. (*Poster presentation*)

AWARDS

W. Burghardt Turner Dissertation Fellowship. Stony Brook University. 2010-present.

Jerry R. Schubel Graduate Fellowship. 2009-present.

European Science Foundation Travel Award (for ThermAdapt meeting). April 2011.

AGEP Travel Award (for AFS 2010 meeting). September 2010.

AGEP Summer Research Grant. Stony Brook University. 2010.

Long Island Sound Study Science and Technical Advisory Committee Fellowship. 2008-2009.

AGEP Travel Award (for Evolution 2009 meeting). Stony Brook University. June 2008.

Davis Scholarship (full, 4-year). College of the Atlantic. 2001-2004.

Argentina UWC Scholarship (full, 2-year). United World College of the Pacific. 1998-2000.

OTHER CONTRIBUTIONS

1. Salinas, S. and D. Choksey. Geographic Information Systems map depicting feeding behavior of entangled whale and its relation to fishing area closures. Published in Johnson, T. 2005. *Entanglements*. University of Florida Press.

2. Carbonneau, S.M., **S. Salinas**, D.W. Towle, and C.M. Smith. 2004. American lobster, *Homarus americanus*, hsp90 partial (1,008 bp) cDNA sequence. NCBI GenBank. Accession no. AY851302.

ACADEMIC SERVICE

Program assistant, Center for Communicating Science at Stony Brook University. Helped organize one-day, innovative workshops for faculty and graduate students at Stony Brook University, Cold Spring Harbor Laboratory, and Brookhaven National Laboratory. 2009-present

Co-creator of lecture series aimed at improving science communication among graduate students and faculty ("From peer to public"). Guests included Paul Greenberg, Randy Olson, Ellen Pikitch, and Carl Safina. Stony Brook University. 2008-2009.

Graduate Program Committee member, School of Marine and Atmospheric Sciences, Stony Brook University. 2008-2010.

Personnel Committee member, College of the Atlantic. Academic year 2004-2005.

Search Committee member, College of the Atlantic. Reference librarian/audio-visual specialist. Summer 2004.

Search Committee member, College of the Atlantic. Professor in Cell and Molecular Biology. Spring 2004.

Faculty Review Team member, College of the Atlantic. Two faculty members in Environmental Sciences. Winter 2004 and Fall 2003.

REFERENCES

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