

Kristen Onsgard

*Texas A&M University at Galveston
Marine Biology Department
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EDUCATION

Texas A&M University at Galveston

Ph.D. in Marine Biology

Research: Effects of turbidity on two common estuarine species (brown shrimp and redfish) - In progress

Fall 2011-Current

Stony Brook University

B.S. in Marine Vertebrate Biology - GPA 3.160

Research Project: A study of density dependence on a common marine fish

Fall 2006-Spring 2010

AWARDS

TAMU Marine Biology Interdisciplinary Degree Program Fellowship

- 1 year full support for graduate studies, awarded for scholarly merit

Fall 2011

Dean's List Stony Brook University

- Had above a 3.3 GPA (Spring 2008) and above a 3.5 GPA (Spring 2010)

Spring 2008, Spring 2010

Howard Hughes Research Fellowship

- Room and board with stipend for a six-week research project with a professor of choice (Dr. Larry Swanson)
- Performed water, sediment and population sampling for EPA - Coastal 2000 Program

Summer 2006

RESEARCH EXPERIENCE

RSR Technologies - Dallas, TX

Research Biologist

- Project leader on bioremediation project (hyperaccumulator plants and biomining of waste water using bacteria)
- Co-leader on developing a superior lead anode (increase conductivity and reduce corrosion) for copper electrowinning using conductive polymer paint
- Co-leader on mobile quality control of lead blocks through core-drilling

June 2010 – June 2011

Stony Brook University - Stony Brook, NY

Undergraduate Researcher

- Studied density dependent relationships in *Menidia menidia* (Atlantic silverside)
- Removed, prepared (mounted on slides and sanded) and analyzed (counted and measured rings) otoliths from larval *M. menidia*

August 2007 – May 2009

Stony Brook University - Old Field, NY

Weekend Lab Manager at Flax Pond Laboratory

- Bred nauplii and rotifers each morning to use for feeding
- Fed and bred research stocks and cleaned tanks
- Monitored on-going research projects

October 2007 – May 2008

East Lake Veterinary Clinic - Dallas, TX

Veterinary Intern

- Assisted and performed daily activities of a veterinary clinic including: phlebotomy, necropsies, surgeries, restraining animals, taking x-rays, lab testing etc.

June 2007-January 2008

Stony Brook University Medical Center - Stony Brook, NY

Undergraduate Researcher in Jennifer Segui's Lab

- Analyzed the effect of x-ray scatter on image quality in digital mammography

May 2007

TEACHING EXPERIENCE*Odyssey Academy - Galveston, TX***Math tutor****Spring 2012**

- Tutored math weekly for second, third, and fifth grade

*Ursuline Academy of Dallas - Dallas, TX***Science and math tutor****Fall 2010**

- Worked on math and science individually with scholarship students

*Stony Brook University - Stony Brook, NY***Docent - Museum of Long Island Natural Sciences****Fall 2007 - Spring 2010**

- Taught and developed classes for elementary school children
- Maintained exhibits
- Developed new promotional material

*Stony Brook University - Stony Brook, NY***Undergraduate teaching assistant****Fall 2009 - Spring 2010**

- Prepared and taught introductory biology lab

*Stony Brook University - Stony Brook, NY***Academic tutor - Athletic department****Fall 2009**

- Tutored Calculus I, Calculus II, Introduction to Marine Science Classes, Introductory Biology Lab, Proficiency Algebra, and Writing/Science Writing

POSTERS AND PRESENTATIONS

Undergraduate Research and Creative Activities (URECA) at Stony Brook University

- A Study of Density Dependence on a Common Marine Fish

Spring 2009

MEMBERSHIPS

Daughters of the American Revolution (DAR) - George Washington Chapter - Technology committee, Yearly Report committee
 American Contract Bridge League (ACBL) - Junior master ranking

REFERENCES

Dr. Timothy Ellis

President of RSR Technologies

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Dallas, TX 75207

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Dr. Anna Armitage

Assistant Professor

Marine Biology Department

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Mrs. Joan Miyazaki

Lecturer

Undergraduate Biology, G-05 CMM/BLL

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