

Sarah Fann  
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**Objectives:**

- Attend Graduate School and receive a doctorate in Marine Biology
- Conduct meaningful research that contributes to the survival of marine species in light of global warming, pollution, and other damaging human environmental factors

**Interests:**

- Ways to conserve endangered species.
- Water quality and how increased carbon will affect the ocean as a whole.
- Great White sharks.
- Marine ecology
- Statistical applications to experiment design and data analysis

**Education:**

**The North Carolina School of Science and Mathematics:**

High School Diploma 2006.

**The University of North Carolina at Wilmington**

B.S. in Marine Biology and Statistics 2010.

**Language Skills:**

- Japanese: including reading and writing Hiragana, Katakana and limited Kanji

**Computer Skills:**

- Windows, Limited Mac
- Microsoft Office 2003 and 2007
- SAS 9.1, 9.2

**Research:**

- Behavioral responses to light in the sea urchin *Lytechinus variegatus* at Duke University under the mentorship of Dr. Sönke Johnsen. Presented at NCSSM research symposium.
- Sequenced, mapped, and analyzed the mDNA and nDNA of the lion fish species *Ptoris miles* and *P. volitans* at the center for marine science under Dr. Wilson Freshwater.

**Work Experience:**

- Center for Marine Science spring 2007
  - Tank Manager
    - Maintained recirculating sea water system and feed coral and urchin species.
- UNCW Math Lab 2007-2008
  - Statistics tutor

**Awards and Honors:**

- Dean's List 2006, 2007, 2008
- Chancellor's Achievement Award 2007, 2008 *semesterly*
- University Merit Scholarship 2006
- Henry Martindale Honor's Scholarship 2007, 2008
- National Collegiate Honors Council Board of Directors 2007-2009
- National Oceanic and Atmospheric Administration's Ernest F. Hollings Undergraduate Scholarship recipient 2008
- UNCW's J. Marshall Crews scholarship for mathematics and statistics 2008
- UNCW's Shisko scholarship for marine biology 2008