

**Courtney Taylor Lee**  
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Education:

- Texas A&M University-Corpus Christi, May 2010, 4.0 GPA

Research Experience:

- Undergraduate Mentoring in Environmental Biology research at TAMUCC, National Science Foundation funded #0602783: January 2008-June 2010
  - Fisheries Ecology Lab: field work, lab work entailing sorting and identification of estuarine species, Microsoft Software experience
  - Population Genetics Lab: DNA extraction, PCR, fragment analysis on CEQ 8000 and 8800, ARLEQUIN 3.11 software experience

Work Experience:

- Biology I and II tutor and mentor, NSF funded #0622530: Science Talent Expansion Program, Aug 2007- May 2010
  - Prepare and hold student driven tutoring sessions for freshman biology 1406 and 1407, help develop exams, give guest lectures, train new mentors

Extracurricular Activities:

- Honor Student Association: Spring 2007- Spring 2010
  - Honors Council Curriculum Representative, May 2009-May 2010
    - Attend monthly panel meetings to help further the Honors Program's mission and purpose for the students and campus community
    - Attend weekly Honor Student Association meetings to help plan activities, fundraisers, and events for the Program and Association
  - Public Relations Manager, May 2008-May 2009
    - Developed volunteer activities, newspaper, and fundraisers
    - Attended weekly Honor Student Association meetings to help plan activities, fundraisers, and events for the Program and Association
  - Participated in Habitat for Humanity projects, Fall 2009
  - Participated in fundraising for Metro Ministries and scholarship funds
  - Regional and National Ethics Bowl participant and researcher, Fall 2007 and Spring 2008

Presentations:

- **Lee, Courtney**, Dr. R. Deborah Overath, John Froeschke, Cynthia Morales, Dr. Gregory W. Stunz, and Dr. Robert R. Vega. Stock structure of the demersal fish *Cynoscion nebulosus* determined by multiple techniques. Ecological Society of

- America Annual Meeting. 1-6 August 2010. Pittsburgh, Pennsylvania. (Poster Presentation)
- **Lee, Courtney**, Cynthia Morales, Dr. Gregory W. Stunz, Dr. Robert R. Vega, and Dr. R. Deborah Overath. Microsatellites reveal stock structure in spotted seatrout, *Cynoscion nebulosus*, in the western Gulf of Mexico. Evolution Annual Meeting. 25-29 June 2010. Portland, Oregon. (Poster Presentation)
  - **Lee, Courtney**, Cynthia Morales, Dr. Gregory W. Stunz, Dr. Robert R. Vega, and Dr. R. Deborah Overath. Microsatellites reveal weak stock structure in spotted seatrout, *Cynoscion nebulosus*, in the western Gulf of Mexico. Coastal and Estuary Research Federation Biennial Conference. 2-6 November 2009. Portland, Oregon. (Poster Presentation)
  - **Lee, Courtney**, Cynthia Morales, Dr. Gregory W. Stunz, Dr. Robert R. Vega, and Dr. R. Deborah Overath. Genetic stock structure of spotted seatrout, *Cynoscion nebulosus*, populations in the western Gulf of Mexico. Society for the Advancement of Chicanos and Native Americans in Science Annual Meeting. 15-18 October 2009. Dallas, Texas. (Poster Presentation)
  - **Lee, Courtney**, Cynthia Morales, Dr. Gregory W. Stunz, Dr. Robert R. Vega, and Dr. R. Deborah Overath. Microsatellites reveal weak stock structure in spotted seatrout, *Cynoscion nebulosus*, in the western Gulf of Mexico. Ninth Annual Sigma Xi Undergraduate Symposium. 10 October 2009. Corpus Christi, Texas. (Oral Presentation)
  - **Lee, Courtney**, Cynthia Morales, Dr. Gregory W. Stunz, Dr. Robert R. Vega, and Dr. R. Deborah Overath. Genetic stock structure of spotted seatrout, *Cynoscion nebulosus*, populations in the western Gulf of Mexico. Ecological Society of America Annual Meeting. 3-7 August 2009. Albuquerque, New Mexico. (Poster Presentation)
  - **Lee, Courtney**, and Dr. R. Deborah Overath. March , 2009. Utilizing genetic analysis to identify spotted seatrout, *Cynoscion nebulosus*, populations within Gulf of Mexico bays. Benthic Ecology Annual Meeting. 5 March 2009. Corpus Christi, Texas. (Poster Presentation)
  - **Lee, Courtney**, Dr. Gregory Stunz, John Froeschke, and Megan Reese. Historical Population Trends of Fisheries in the Western Gulf of Mexico from 1940- 2007. Eight Annual Sigma Xi Undergraduate Symposium. 1 Nov 2008. Corpus Christi, Texas. (Oral Presentation)
  - **Lee, Courtney**, Dr. Gregory Stunz, John Froeschke, and Megan Reese. Historical Population Trends of Fisheries in the Western Gulf of Mexico from 1940- 2007. Society for the Advancement of Chicanos and Native Americans in Science Annual Meeting. 11 Oct 2008. Salt Lake City, Utah. (Poster Presentation)
  - **Lee, Courtney**, Dr. Gregory Stunz, John Froeschke, and Megan Reese. Historical Population Trends of Fisheries in the Western Gulf of Mexico from 1940- 2007. Summer Undergraduate Research Focus Symposium. 31 July 2008. Corpus Christi, Texas. (Oral Presentation)

Volunteer Experience:

- Science Rules: March 2008, 2009, and 2010

- Demonstration of marine science and biology applications for 5<sup>th</sup> graders from local school district
- Oso Bay shoreline clean up/trash pick-up: April 2009
- Homeless Ministry: January 2009-May 2010
  - Monthly service to distribute food to the homeless through Catholic Worker House
- Captivating and Encouraging Leaders in Life Sciences mentor: Jan 2008-May 2010
  - Mentored freshman biology students with adjusting to college and courses
  - Attend weekly seminar to help students and answer questions
- Honors Mentoring Program: Aug 2007-Dec 2009
  - Mentored incoming students with adjusting to college and the program
  - Attend programs to help befriend and communicate with mentee
- Assistant to graduate student, August 2007- Nov 2007
  - Assisted with thesis project
  - Sorted benthic organisms
- Texas Marine Mammal Stranding Network, April 2007-present
  - Observed dolphins in rehab at Texas State Aquarium Sea Lab
  - Participated in whale necropsy

#### Awards and Honors:

- Strategies for Ecology Education, Development, and Sustainability: Ecological Society of America Annual Meeting Travel Award- August 2010
- Evolution Annual Meeting Undergraduate Diversity Travel Award- June 2010
- Arthur F. Lobe Endowed Scholarship- Fall 2009- Spring 2010
- John Chapman Endowed Scholarship- Fall 2009- Spring 2010
- Society for the Advancement of Chicanos and Native Americans in Science: Meeting annual meeting Travel Award- October 2009
- 3<sup>rd</sup> place- Oral presentation at Sigma Xi Undergraduate Symposium, 10 October 2009
- Strategies for Ecology Education, Development, and Sustainability: Ecological Society of America annual meeting Travel Award- August 2009
- Honors Program Officers Scholarship- Fall 2008- Spring 2009
- Marty Pritchett Scholarship- Fall 2008-Spring 2009
- 3<sup>rd</sup> place- Oral presentation at Sigma Xi Undergraduate Symposium, 1 November 2008
- Strategies for Ecology Education, Development, and Sustainability: Harvard Forest field trip- October 2008
- Society for the Advancement of Chicanos and Native Americans in Science: Meeting annual meeting Travel Award- October 2008
- Kenedy Memorial Scholarship- Spring 2007- Spring 2009
- Academic Achievement Scholarship- Fall 2006-May 2010
- National Dean's List- Fall 2006-May 2010