



Coastal Bend COLLEGE

Curriculum Vitae

Name: Mark L. Secord

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Education:

Credential Earned	College/University and Location	Year Earned
Bachelor of Science, Biology	University of Texas - El Paso	August 1990
Master of Science, Wildlife Biology	University of Montana - Missoula	August 1994
Additional Graduate Studies	Texas A & M University – Corpus Christi	Spring 2005

Teaching Experience:

Institution and Location	Year(s)
Biology Professor - Coastal Bend College	Fall 2024- Present
Biology Professor - Coastal Bend College	September 1993 to 2014

**Professional, Technical, and Work-Related Experience, Skills, Licensure & Certifications:
(if applicable)**

Years(s)

Graduate Research Assistant - University of Montana

Missoula, MT. (September 1990 to August 1993)

Investigated the influence of timber harvesting on the habitat use patterns of white-tailed deer in the Priest Lake watershed of northern Idaho. Management guidelines for white-tailed deer were evaluated and new recommendations were proposed. Extensive experience in radio telemetry (ground and aerial), mapping, vegetation sampling, experimental design, data collection, database construction, and statistical analysis.

Professional Achievements and Publications:

Years(s)

2024. Texas Pathways Team Presentation. Roundrock, TX. "Learning Frameworks: Enhancing The First-Year Experience Through Integrated Career Exploration."

2018. AACC Presentation. Dallas, TX. "Implementing a GEAR Team to Drive Assessment Success!" – Accepted for April 2018.

2017. Coastal Bend College Veteran's Day Celebration Guest Speaker.

2017. TACCSAA Presentation. Corpus Christi, TX. "Tested and Tried: Learning Technologies that Serve Rural Colleges."

2016. AHSIE Presentation. Camarillo, CA. "Writing, Implementing, and Managing a Successful STEM Grant: It's All About the Team."

2015. AACC Presentation. San Antonio, TX. "Tested and Tried: Learning Technologies that Serve Rural Colleges."

2014. SACS-COC Presentation. Nashville, TN. "Tested and Tried: Learning Technologies that Serve Rural Colleges."

2013. Eagle-Ford Shale Consortium Presentation. San Antonio, TX. "Petroleum Technology Training at Coastal Bend College."

2007. Secord, M. L., and R. E. Cowart. Laboratory Manual for Introduction to Microbiology. Pearson Custom Publishing. 106pp.

2002. Secord, M. L. Principles of Biology Laboratory Manual. McGraw-Hill Primis Custom Publishing. 233pp.

1999. Coastal Bend College commencement speaker.

1999. Secord, M. L., Zager, P. E., and D. H. Pletscher. The Influence of Temporal and Spatial Factors on Clearcut Use by White-Tailed deer in Northern Idaho. *Western Journal of Applied Forestry* 14(4):177-182.

1995. Southeast Deer Study Group Presentation. Orlando, FL. "The Influence of Temporal and Spatial Factors on Clearcut Use by White-Tailed deer in Northern Idaho."

1993. Secord, M. L., and A. G. Canaris. The Metazoan Parasite Community of Migrating Greater Yellowlegs, *Tringa melanoleuca*, from the Rio Grande Valley, Texas and New Mexico. *Journal of Parasitology* 79: 690-694.

1989. Southwestern Association of Naturalists Presentation. San Angelo, TX. "The Metazoan Parasite Community of Migrating Greater Yellowlegs, *Tringa melanoleuca*, from the Rio Grande Valley, Texas and New Mexico

2017. Created a Pollinator Conservation Garden at Coastal Bend College.

2016. Established Coastal Bend College as a designated Bee Campus USA thereby committing the college to promoting pollinator conservation through education and good land stewardship.

2015. Texas State University 2015 Mentorship Award. Awarded for excellent Mentor-Mentee pair performance in undergraduate research.

2014 – 2015. Served as mentor for undergraduate research through the REENERGIZE grant partnership with Texas State University. Developed a symbiotic biofuels system that integrated fermentation and photosynthesis to produce both ethanol and algal lipids used in biofuel production. Developed a self-contained, solar powered, water treatment system. These were the first undergraduate research projects ever developed at Coastal Bend College.

2014. Nominee - Minnie Piper Stevens Excellence in Teaching.

2013. Awarded Innovative Teaching Grant to develop a series of supplemental instructional videos. Established 4 channels on YouTube to deliver instructional videos.

2010. Co-authored and was awarded 4.3 million dollar HSI - STEM and Articulation Grant to enhance science education at Coastal Bend College. Served as Grant Director, Assistant Director, and Facilities Manager.

2001 - 2002. Awarded Texas Parks and Wildlife Community Outdoor Outreach Grant. Taught wildlife management and fisheries management practices and procedures to children aged 9 to 17.

1999. Instructor of the Year, Coastal Bend College.

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