

Brandy Musick, Adjunct Biology Professor, M.S. Biology  
Curriculum Vitae

Name: Brandy Musick

Office Telephone Number: 254-968-4141

College Email Address: bmusick@rangercollege.edu

Education:

- M.S. Biology, Tarleton State University, 2006
- B.S. Biology, Tarleton State University, 2004

Teaching Experience:

- 2005-2006 - Alvarado High School
- 2006 - present - Stephenville High School
- 2018 - present - Ranger College, adjunct professor

Professional, Technical, and Work-related Experience and Skills:

- Develop and deliver curriculum for dual credit biology courses, ensuring alignment with college-level standards
- Employ innovative teaching methodologies to make complex biological concepts accessible and engaging for students
- Collaborate with college faculty to maintain a seamless transition between high school and college-level biology content
- Conduct regular assessments and provide constructive feedback to facilitate student comprehension and academic growth
- Serve as a mentor for new teachers, contributing to the professional development of the teaching staff
- Teach biology courses, emphasizing hands-on laboratory work to reinforce theoretical concepts
- Implement technology-driven teaching methods, integrating virtual labs and interactive simulations
- Lead extracurricular activities such as WIT (Workforce Industry Training) and STEM initiatives to promote a holistic understanding of biology

- Proficient in utilizing learning management systems (LMS) for course delivery and student assessment
- Experienced in incorporating educational technology, including interactive whiteboards, virtual labs, and multimedia presentations
- Skilled in creating and implementing engaging lesson plans that cater to diverse learning styles
- Familiarity with Advanced Placement (AP) Biology curriculum
- Competent in data analysis to assess student progress and tailor teaching strategies accordingly
- Provide leadership and guidance to the biology department, overseeing curriculum development, implementation, and assessment
- Foster a collaborative and inclusive departmental culture, promoting professional development and growth opportunities
- Effectively communicate departmental goals and initiatives to the teaching staff and administrative team
- Collaborate with school administration to ensure the biology department's alignment with broader educational objectives

Professional Achievements:

- Teacher of the Year, Stephenville High School, 2012-2013
- Crystal Apple Award, Tarleton State University, 2021