

Biography

307BW/STARBASE Louisiana

Mary Beth Irvine, STARBASE Instructor

Mary Beth Irvine serves as an instructor at the Department of Defense STARBASE program located on Barksdale Air Force Base. She began her career at STARBASE in 2013 by facilitating middle and high school students as the program instructor for the secondary education initiative known as STARBASE 2.0. As the 2.0 instructor, Mary Beth had the opportunity to work alongside the 2.0 coordinator to lay the groundwork for what the 2.0 program is today in planning, developing, and implementing curriculum centered around solving complex real-world problems. She continues to serve with the 2.0 team by offering additional support on a as needed basis.

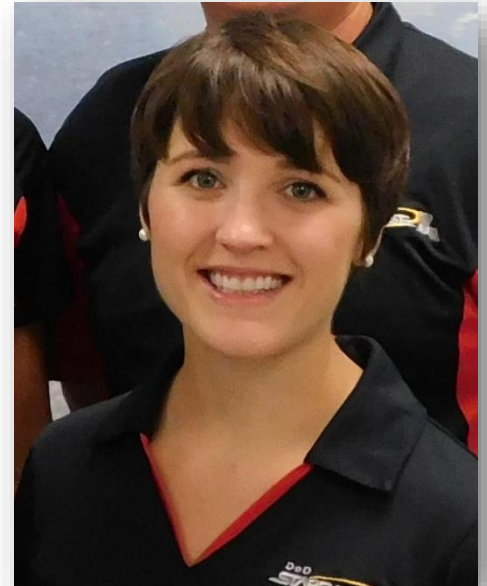
After serving five years at the secondary education level, she recently transitioned to the 5th grade team in order to contribute to curriculum development to further the STARBASE mission of providing a meaningful STEM experience through quality instruction. In her efforts to provide students the resources needed to make each session an innovative approach to learning, she works alongside students to develop solutions in the context of engineering and science challenges using cutting-edge technology such as PTC Creo CAD software. Whether assisting or conducting an investigation, some of her duties include preparing materials, ensuring instructional tools and techniques emulating those found in a 21st century classroom, and differentiating instruction to meet the needs of Bossier-Shreveport students. She continues in her resolve to improve her own skill sets in hopes of making a difference in the lives of our nation's future citizens.

Mary Beth was born in Biloxi, Mississippi and moved to the Shreveport/Bossier area in 2013 to continue her path in becoming a successful educator. Graduating Cum Laude from Stetson University with her Bachelor's in Elementary Education in May 2013, she began substitute teaching while working on receiving her out-of-state teaching certification for the state of Louisiana. Currently, she is pursuing a Master's in Education with a focus in instructional strategies for English Language Learners (ELL) in hopes of better providing quality instruction for diverse learners.

Education

2013 Bachelor of Arts in Elementary Education – Stetson University, Deland, FL

2011 Associate of Arts – St. Johns River State Community College, St. Augustine, FL



Accomplishments, Awards and Recognitions

- 2018 Level 1 Google Educator - Certification
- 2016 Max E. Lundquest Outstanding Young Educator – International STEM Education Association
- 2013 Maris Prize Stetson University Senior Showcase Award
- 2013 Cum Laude Graduate
- 2012 Kappa Delta Phi Historian
- 2010 Phi Theta Kappa Vice President of Scholarship Coca-Cola All Stars Academic Team
- 2011 St. Johns River State College Dean's List
- 2011 St. Johns River State College Magna Cum Laude Graduate
- 2011 Christian Educators Honor the Graduate Award

Professional Organizations

National Science Teachers Association

