## Twentieth Annual Bollinger/Rosado Teaching and Learning Effectiveness Symposium

Theme

## **Research Based Learning**

## Table of Contents

Section A: To *Igniting Aeronautics into the Embry-Riddle Aeronautical University Worldwide Mathematics Curriculum* by: Heather L. Garten, Ph.D., ERAU Worldwide

Section B: *The Relationship between Transformational Leadership Styles and University Adjunct Faculty Work Engagement* by Thomas G. Henkel, Ph.D., ERAU Worldwide.

Section C: *Teaching the Next Generation of Researchers: An Inquiry into Aviation Research Education* by David Carl Ison, Ph. D., ERAU Worldwide.

Section D: *Embedding Inquiry-Based Learning Activities to Create a Research-Supportive Culture* by Theresa P. Maue, Ph.D., ERAU Worldwide.

Section E: Airspeed Measurements by Donald R. Zimmerman, Ph.D., ERAU Worldwide.

This symposium is dedicated to Dr. Art Rosado and Mr. John Bollinger who served Embry-Riddle and their country with pride and distinction. These two gentlemen set the standard for excellence in teaching at Embry-Riddle Aeronautical University Worldwide. By a unanimous vote of the faculty, this symposium is named in their honor.