Abstract
This presentation offers an overview of Sports and Aviation as an emerging field of study. Recently, students, faculty, and staff at Embry-Riddle Aeronautical University asked a series of questions about the interrelationships between these two multi-billion-dollar sectors. This presentation synthesizes current research and invites students, faculty, and staff into new areas for future investigations (e.g., how drones are changing the fan experience of sports as well as their potential for providing new data for coaches and athletes).

Background: Moving Beyond Famous Crashes

Recovering Our History

College of Arts and Sciences:
- Using aerospace physiology to assess impact of air travel and hypoxia on athletes
- Medical Evacuations for Athletic Injuries

Sports and Aviation at ERAU
- Research Opportunities
- Career possibilities
- Recruitment/Outreach
- Opportunity for students to discover their passion
  - Women in Aviation

Outputs:
- Sports and Aviation Symposium
- Networking
- Careers
- Discovery Day

Next Steps:
- Alumni Board
- Develop depth of research
- New educational programs

Sports and Aviation

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What is Sports and Aviation?
- Intersection between two multi-billion dollar industries
- Previously unseen connections within the fields of sports and aviation
- Interdisciplinary connections

College of Business:
Analyzing marketing strategies of:
- United Airlines and the Olympics
- Air Emirates and Soccer Teams
- Avianca Airlines and Golf

College of Aviation:
- S.U.I.T. Lab
- Drones and Sports

College of Engineering:
- Engineering airplanes for reducing the negative impact of air travel on athletic performance
- Maximizing the potential for recovery on return flights
- Airport Infrastructure analysis for major sporting events

Methods for Developing the Field:
- Invite research from all colleges
- Developing opportunities for Presentations
- Consulting with athletics
- Career service networking
- Connecting with Alumni
- Creating a community for cooperative research

Real Madrid partnering with Air Emirates for advertisements and sponsorships

Flyovers at Sporting Events
(both past and present)

Pilot training and astronaut selection and athletics

Embry-Riddle Aerospace Physiology
Aerobics Physiology

Sports and Aviation Researchers at Women in Aviation
Sports and Aviation Researchers at Career Expo/Alumni Networking Event

Newspaper article about first Annual Sports and Aviation Symposium

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Nike Teague Athlete Plane Seat Concept
Nike Teague Athlete Recovery Area Concept

Embry-Riddle Aeronautical University