



Alan Martinez, Ph.D.

HCD Ph.D. Alumni - Class of 2015

DISSERTATION TITLE:

The Role of Shared Mental Models in Team Coordination Crew Resource Management Skills of Mutual Performance Monitoring and Backup Behaviors

Chair: Dr. Cyndi Gaudet

EDUCATIONAL EXPERIENCE:

Bachelor's Degree

Radio, Television, and Film
The University of Southern Mississippi

Master's Degree

Instructional Design and Development
The University of South Alabama

Doctoral Degree

Human Capital Development
The University of Southern Mississippi, 2015

RESEARCH INTERESTS:

- Instructional Design
- Education
- Curriculum Development
- Cognitive and Psychological Behavior

Dr. Alan Martinez is an Instructional Designer and Pilot Instructor at the Coast Guard Aviation Training Center in Mobile, Alabama. Besides teaching student pilots, he designs and develops pilot and aircrew training for both fixed-wing and rotary-wing aircraft. Alan is a naval aviator and military veteran, flying for both the U. S. Marine Corps and U.S. Coast Guard, and served as Instructor/ Standardization Pilot and Functional Check Pilot. He holds an FAA commercial pilot rating and an aviation safety certificate from the Naval Postgraduate School. He worked as Aviation Safety Manager for both the Marine Corps and Coast Guard and Aviation Training Manager for defense contractors Lockheed Martin and L3 Communications. He has taught as adjunct instructor at a university school of aeronautics.