

## **Biography of Dr. Linda Pierce**

Linda Pierce, Ph.D. is a personnel research psychologist at the FAA Civil Aerospace Medical Institute (CAMI). Dr. Pierce's research projects are in selection of air traffic controllers, focusing on individuals with prior academic or military experience, and assessing organizational practices in National Airspace System infrastructure maintenance within the context of a dynamic model for improving team coordination.

Prior to joining the FAA in 2010, Dr. Pierce was a military research psychologist for the U.S. Army. During her 20 year career in military research, Dr. Pierce held multiple managerial assignments, while maintaining an active research career primarily focused on the development and evaluation of training and collaborative technology to improve operations among nationally and organizationally diverse teams in missions ranging from war fighting to peacekeeping. In her last assignment with the U.S. Army, she established a new research unit in Organizational Performance to work as part of a multi-disciplinary team of experts at Aberdeen Proving Ground to address military challenges in network-enabled operations. Her research has been documented in more than 50 journal articles, book chapters, and technical publications. She regularly presents her research at scientific conferences and participates as a reviewer for industry journals and conferences.

Dr. Pierce earned her doctorate in Industrial and Organizational Psychology from Texas Tech University in 1986. Her minor was in counseling psychology.

Current research includes the following tasks:

- Longitudinal Validation of the ATC Specialist Selection Instruments:  
Assessment of Cognitive Aptitude

- Improving ATCS Selection for Sources Other Than the General  
Public

- Operational Control Center Roadmap to 2014

Dr Pierce is active in the following scientific organizations:

American Psychological Association (APA)

Human Factors and Ergonomics Society (HFES)

Society for Industrial and Organizational Psychology

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