

## Biography of Dr. Kate Bleckley

Dr. M. Kathryn (Kate) Bleckley serves as primary investigator in personnel selection with research on the Air Traffic Selection and Training (AT-SAT) test battery as her primary task. The AT-SAT is part of the selection process for Air Traffic Control Specialists. She and her team of psychology technicians are responsible for the longitudinal validation of AT-SAT, and for research that may result in changes to AT-SAT that will improve the selection process.

Dr. Bleckley joined the FAA Aerospace Human Factors Research Division in 2008. Prior to joining the National Airspace System Human Factors Safety Research Laboratory, Dr. Bleckley was on faculty at Texas Tech University, where she taught courses in statistics and the psychology of aging. Her research focused on human cognitive abilities, especially visual attention and working memory. She also studied situation awareness.

Dr. Bleckley received her PhD in Experimental Psychology with a minor in Statistics from Georgia Institute of Technology. She earned her Master of Science and Bachelor of Science degrees in Psychology from the University of Oklahoma.

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

Controller Entry/Retirement Age (C-ERA): Cross-sectional and  
Cross-lagged longitudinal examination of the current maximum  
age-at-entry and mandatory retirement age for ATCS

Dr. Bleckley is active in a number of scientific organizations:

Aerospace Medical Association (AsMA)

American Psychological Association (APA)

American Psychological Association Division 20: Adult  
Development and Aging

American Psychological Association Division 21: Applied  
Experimental and Engineering Psychologists

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