

Biography of Dr. Darendia McCauley

Darendia McCauley has a Ph.D. in educational psychology with experience in program evaluation; test development, including item analysis and reliability and validity testing; research design and statistical applications, including inferential and descriptive methodologies; learning theory; cognitive and educational psychology; and job task analysis.

Work experience, represented in both the private sector and several state agencies, includes job analysis, program evaluation, and program management. Dr. McCauley has served on national and state advisory boards, councils, and task forces involved with assessing the quality of mental health services to juveniles, the development of national satisfaction survey data on health care services and quality, and IRB approval for research involving individuals in the state juvenile justice system and research with national health satisfaction survey data.

Dr. McCauley has also taught a variety of psychology courses at both the graduate and undergraduate college level at three universities. Prior to her current position with the Aerospace Human Factors Research Division, Dr. McCauley was an instructor for Specialized Training classes for the FAA Academy. Dr. McCauley is employed with the FAA Aerospace Human Factors Research Division as a Personnel Research Psychologist.

Current research includes:

Quick Reference Guide (QRG) Finalization and Evaluation

Concurrent Validation of AT-SAT for Placement (Co-VATCH)

.Dr. McCauley is active in the following scientific organizations and workgroups:

Aerospace Medical Association (AsMA)

AsMA Aerospace Human Factors Association (AsHFA)

Article 55 Fatigue Risk Management System (FRMS)
Workgroup

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