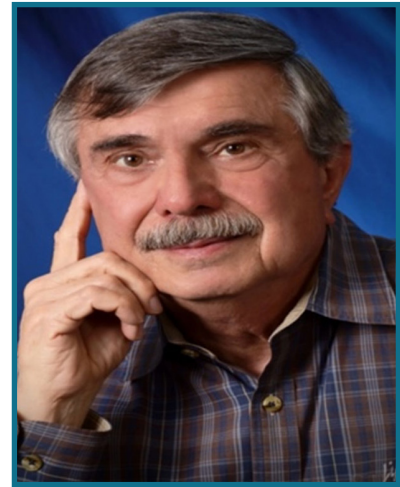


## ANTHONY CIAVARELLI

Senior Human Factors Engineer

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Dr. Anthony Ciavarelli has over fifty years' experience across a broad range of technical disciplines, including human factors engineering, military aircrew training development, human interactive system design, simulation training, and human performance evaluation. His expertise includes, instructional systems methodology, education and training effectiveness evaluation.



Dr. Ciavarelli's experience in human factors engineering and training system development was acquired in over twenty years working as a human factors engineer, and behavioral scientist in the Aerospace and National Defense industries. As a professor Applied Psychology, Dr. Ciavarelli taught classes in Scientific Methods, Statistics, Human Factors Engineering and Training Simulation. Dr. Ciavarelli is internationally recognized as a leader in the field of human performance measurement and organizational climate and safety culture assessment. He has held senior administration positions in industry, including the management of R&D product development, and as an appointed Academic Dean of university education.

Dr. Ciavarelli has served as a national and international expert on advisory committees, sponsored by the Department of the Navy, the National Academy of Sciences, Organization for Economic Cooperation and Development, Federal Aviation Agency, the Department of Energy, and the National Academy of Sciences.

### SELECTED TECHNICAL SKILLS

- Systems Analysis – system requirements and advanced conceptual design
- Operational Mission and User Task Analysis
- Human – machine interaction and crew communication analysis
- Training Requirements Analysis, and
- Human Performance Measurement and Training Effectiveness Evaluation
- Survey Development and Validation
- Experimental Design and Statistical Analysis
- Organizational climate and safety culture assessment