



Biography

of

Michael E. Maddox

*User-Centered Design
and Evaluation*

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Dr. Michael Maddox received a Bachelor of Science degree in Physics in 1972 from Virginia Tech. He worked as an Instrumentation Engineer in the nuclear industry for several years before returning to Virginia Tech to earn his Master of Science and PhD degrees in Industrial Engineering/Human Factors. His graduate research centered on information transfer from computer-generated displays. Mike received his PhD in 1979.

In 1980, Mike joined the Institute of Nuclear Power Operations (INPO) as a human factors expert. While at INPO, he analyzed the design of nuclear power plant control rooms, emergency operating procedures, and all human-factors-related regulations for the US nuclear power industry. In 1982, Mike joined the staff of Search Technology, a small R&D firm in Atlanta. As a Senior Scientist and later Director of Consulting Services, Mike conducted research funded by both government and private-sector sponsors.

In 1987, Mike formed his independent consultancy, Sisyphus Associates. He has worked for a number of clients performing a variety of analysis, design, evaluation, and training services. His clients have included Federal Express Corporation, Abbott Diagnostics, Gulfstream Aerospace, GTE, Compaq Computer Corporation, Sensormatic Corporation, Texas Instruments, General Electric, NCR, Taco Bell / KFC, and others. He has served as an expert witness in various legal cases.

Mike has published many technical articles related to various human factors topics. He is a member of the Human Factors and Ergonomics Society and a number of other professional organizations. He is certified by the Board of Certification in Professional Ergonomics (BCPE), being among the first 50 human factors professionals in the world to hold a BCPE certificate. His human factors career now spans over 25 years.