

Emir Hamvasy Shuford, Jr.

Earned his Ph.D. in Experimental Psychology and Mathematics and a Master's degree in Mathematical Statistics at the University of Illinois after earning a Bachelor's degree (major in Psychology, minor in Philosophy) and a Master's degree (Experimental Psychology) from the University of Arkansas.

Currently serving as Founder of SHUFORD SYSTEMS and as Managing Director for Science of APPLIED PROBABILITY TECHNOLOGIES LLC. Awarded two US and related foreign patents for Educational Devices. Clients have included Air Force Office of Scientific Research, American Telephone and Telegraph Company, American College Testing Program, City of Atlanta GA, Defense Advanced Research Projects Agency, Educational Testing Service, Electronic Data Systems Corporation, Equal Employment Opportunity Commission, Gwinett County GA, Hitachi, International Business Machines Corporation, JCPenney Company, Inc., City of Longview TX, National Institutes of Health, National Science Foundation, Neiman Marcus Group, City of Richardson TX, Technical Operations, Inc., Texas Instruments Incorporated, City of Tyler TX, Tricon Global Restaurants, TwinStar Semiconductor, and Westinghouse DataScore Systems.

Professional and scientific society memberships have included American Educational Research Association, American Association for the Advancement of Science, American Personnel and Guidance Association, American Psychological Association, American Society for Training and Development, American Statistical Association, American Association of University Professors, Biometric Society (ENAR), D/FW Organizational Psychology Group, DFW OD Network, Institute of Mathematical Statistics, Military Testing Association, National Council on Measurement in Education, International Society for Performance and Instruction DFW Chapter, Psychometric Society, Research Society of America.

Resides in Dallas, Texas with wife Jane having three daughters, four grandsons and two granddaughters. Hobbies are reading, gardening and playing the clarinet, flute, saxophones, and recorders.

Served as president and CEO of two corporations—one focused on enhancing the operational readiness of US armed forces and the other on creating and installing turnkey meter reading systems used successfully for billions of dollars in transactions—and on the faculties of Harvard, the State University of New York at Stony Brook, the University of Texas and the University of North Carolina. Conducted research and development on

active duty with the USAF, as a Senior Research Psychologist of the USAF and as a Senior Social Scientist in the Management Sciences Department at the Rand Corporation. His reports of this research include the following.

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- 2. The Relationship of Immediate Retention of Technical Material to Career Preferences and Aptitudes** with G.R. Klare, L.M. Gustafson & J.E. Mabry, *Journal of Educational Psychology*, 46 (1955), 321-329.
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- 6. The Relationship of Format Organization to Learning** with G.R. Klare & W.H. Nichols, *Educational Research Bulletin*, 37 (1958), 39-45.
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18. **On Communication and Control in the Educational Process** with H.E. Massengill, ESD-TR-65-568, Electronic Systems Division, L.G. Hanscom Field, Bedford, Massachusetts, October 1965.
19. **Direct vs. Indirect Assessment of Simple Knowledge Structures** with H.E. Massengill, ESD-TR-65-542, Electronic Systems Division, L.G. Hanscom Field, Bedford, Massachusetts, October 1965.
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21. **A Note on Admissible Choice Procedures** with H.E. Massengill, Lexington: SM Corporation, December 1965.
22. **Utility, Induced Utilities, and Small Worlds** with M. Toda, *Behavioral Science*, (1965), 238-254.
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