



# ONLINE **2022** DOE SUMMIT

## Gregory Hutto

*Wing Operations Analyst, United States Air Force 96<sup>th</sup> Test Wing*



Mr. Gregory Hutto is currently the sole OA in the 40<sup>th</sup> Flight Test Squadron, part of the 96<sup>th</sup> Test Wing. Previously, he served for 7 years as the Wing Operations Analyst for AFMC's 96<sup>th</sup> Test Wing, Eglin Air Force Base Florida. As Wing OA, he was responsible for embedding designed experiments as the principal test method for several hundred 96 Test Wing tests each year. In cooperation with AFIT, Greg designed and teaches an extensive series of short courses in statistical experimental design open to all testers in the DOD. Prior to his AFMC work, Mr Hutto served for 6 years as the original Chief Ops Analyst for ACC's 53d Wing, responsible for the technical excellence of more than 250 tests per year, spanning the entire range of USAF tactical combat systems. In the 53d Wing, he was mentor and functional lead for more than 70 OAs and 250 engineers. As a LtCol in the USAF Reserves, he served as senior military advisor to AF Operational Test & Evaluation Center Test Support Director at Kirtland AFB, New Mexico, and as special advisor for test design to the AF Flight Test Center commander at Edwards AFB, California. He taught experimental design at the USAF

Test Pilot School 2004-2007. Prior to his government service, Mr Hutto was the Chief Scientist for Ops Research in Jacobs Inc. 600-scientist TEAS Contract. He has also done substantial work in systems engineering, studies and analysis, nuclear survivability, and military exercise design and evaluation.

Mr Hutto is a distinguished graduate from the US Naval Academy in Operations Research and holds a Master's in the same field from Stanford University. Over the past 35 years, he has served in nearly every branch of test and evaluation from basic laboratory science to joint operational field testing. He would like to formally repent of his 10 years of testing without the benefits of the principles of well-designed experiments. As a foremost proponent of the principles of experimental design, he seldom misses an opportunity to encourage their adoption and use.

His professional service includes Working and Composite Group Chairs for MORS, MORSS Tutorials Lead (4 years), Greg was organizer of two MORS Special Sessions (New Sciences and Test and Analysis Techniques). He served on the MORS Board of Directors 2007-2011 and has authored more than 40 conference papers and 6 peer-reviewed journal articles. He has taught hundreds of short courses in experimental design. Mr Hutto is an adjunct professor in Industrial and Systems Engineer for the University of Arkansas where he teaches Quality Management, Project Management, and Operations Research. Among other accolades, he holds the Soren Bisgaard Award for most influential paper published in Journal of Quality Engineering and the Civilian Exceptional Service Decoration, the highest nonvalorous civilian recognition granted by the Secretary of the Air Force.