



JOINT BASE SAN ANTONIO SUSTAINABLE ENERGY WORKSHOP
Pearl Stable, San Antonio, Texas July 12, 2011

DR. CHARLES H. CULP

Dr. Charles H. Culp, Ph.D., P.E., FASHRAE, LEED-AP, is an Associate Director at the Energy System Laboratory (ESL) of the Texas Engineering Experiment Station and an Associate Professor in the Department of Architecture at Texas A&M University. Dr. Culp received a B.S. in Physics with highest honors from New Mexico institute of Mining and Technology, and a Ph.D. in Solid State Physics with an Electrical Engineering minor from Iowa State University. At ESL, he is responsible for the development and implementation of Continuous Commissioning[®] used to improve energy efficiency in hundreds of large buildings, including higher education facilities, medical facilities, office buildings and airports. At TAMU, he teaches environmental design, high performance buildings and HVAC classes to architecture and engineering students. Dr. Culp is also the President of the American Society of Heating, Refrigerating and Air-Conditioning Engineers at the College of Fellows. He has been awarded many prestigious awards, from ASHRAE's High Performance Building Design Professional Certification, to being selected as one of the members who defined TAMU's research direction. Dr. Culp's field of expertise is in providing engineering services and developing programs in the areas of energy management and energy savings. He has over 45 years of experience in these fields, working for major companies in both the public and private sectors. At ESL, Dr. Culp has conducted sponsored research in the area of HVAC on sustainable, performance based buildings which focus on measurement and verification, energy efficiency codes and sustainable design.