

Dr. Lonnie Sharpe, Jr.

Dr. Lonnie Sharpe, Jr. is the Massie Chair of Excellence Professor at Tennessee State University (TSU). He was appointed to that position in January 2001. This program is sponsored and funded by the Department of Energy and focuses on enhancing the environmental efforts at the institution. Since joining TSU, Dr. Sharpe led the effort to get two \$3.5 million NSF Louis Stokes Alliance for Minority Participation projects funded for the State of Tennessee. He also served as the Interim Dean of Engineering in 2008 and 2009.

Prior to joining the faculty as the Massie Chair of Excellence at Tennessee State University, Dr. Sharpe was Professor and Dean of Engineering at North Carolina A&T State University. Dr. Sharpe spent over 20 years at NCA&T as a faculty member and administrator in the College of Engineering. He has extensive industrial and governmental experience with the National Aeronautics and Space Administration (NASA), the Environmental Protection Agency (EPA), Oak Ridge National Laboratory (ORNL), Lawrence Livermore National Laboratory (LLNL), Sandia National Laboratories (SNL), Western Electric, and General Motors Corporation.

Dr. Sharpe has worked extensively in the field of mechanical engineering but some of his work was in the environmental engineering area, including considerable time spent on LLNL, EPA, and ORNL projects. He was instrumental in setting up the Environmental Technology and Waste Management Consortium at NCA&T, a consortium that initially included 15 Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs). The North Carolina State Speaker of the House appointed Dr. Sharpe to serve on the North Carolina Hazardous Waste Management Commission. The Commission was tasked to site, design, and build a hazardous waste facility for North Carolina.

Dr. Sharpe has been involved in many educational and research projects over the years. He secured millions of dollars of funding while at NCA&T and was named to the University's Million Dollar Researcher Program. He was also inducted into the Million Dollar Research Club at Tennessee State University. Dr. Sharpe has authored or co-authored over 40 publications. His early articles were in the area of computational fluids and heat transfer as well as structures.

Dr. Sharpe is very active in many professional organizations and community projects and is a registered engineer in the states of North Carolina and Tennessee. In 1994, the Governor of North Carolina appointed Dr. Sharpe to the North Carolina State Board of Refrigerant Examiners. He is a member of the American Society for Engineering Education (ASEE), the American Society of Mechanical Engineers (ASME) and the National Society of Professional Engineers (NSPE). He also serves on the Board of Directors for SECME, a pre-college program for science, mathematics, engineering, and technology students.

On a personal note, Dr. Sharpe is married to Mrs. Davida Sharpe. They have one son, Lonnie "Tre" Sharpe, III.