



BIOGRAPHY

Thomas Zacharia
Associate Laboratory Director
Computing and Computational Sciences
Oak Ridge National Laboratory

VP for Science and Technology
University of Tennessee

Dr. Thomas Zacharia is the Associate Laboratory Director for Computing and Computational Sciences at the Oak Ridge National Laboratory. He leads the Laboratory's agenda in ultrascale computing, theory, modeling and simulation in furthering DOE's missions in advancing science, national security, energy security, and sustainable development. His vision and leadership transformed ORNL into a world leader in advanced scientific computing, making the Laboratory home to the most powerful open science computer in the world; thus greatly increasing ORNL's capability to support national objectives in areas such as nuclear (fission and fusion) energy, climate change, nanotechnology, and biotechnology.

Under Zacharia's leadership, ORNL has become a world leader in computing and computational sciences. During this time, he organized and built a computing directorate that has a balanced portfolio of projects and funding from the U.S. Department of Energy, the National Science Foundation, Department of Defense, Homeland Security and the Intelligence Community; more than 250 new staff have been recruited and hired into the computing directorate. Over the last 5 years, the directorate has mentored more than 270 students and more than 130 post doctoral fellows.

Dr. Zacharia is currently the Vice President for Science and Technology with the University of Tennessee. Zacharia serves as the Director of the UT-ORNL Joint Institute for Computational Sciences (JICS). Under his leadership UT and ORNL have established a growing and visible partnership with the National Science Foundation in computing and computational sciences. Zacharia formed strategic partnerships with regional and national universities in fielding major proposals from JICS to the National Science Foundation (NSF). The recent \$65M award from the NSF establishes the single largest award to the University of Tennessee for the National Institute for Computational Sciences (NICS) and will enhance the stature of both the University of Tennessee and the Oak Ridge National Laboratory. Zacharia also holds joint faculty appointments with both UT and the Georgia Institute of Technology: Zacharia is a Professor in the Electrical Engineering and Computer Science Department at the University of Tennessee and is a Professor in the College of Computing at Georgia Tech.

Dr. Zacharia received his Bachelor of Science degree in Mechanical Engineering from the Karnataka Regional Engineering College in 1980. He received his Masters in Materials Science from the University of Mississippi in 1984, and a Ph.D. in Engineering Science from Clarkson University in 1987.