

i-GATE NEST Board of Directors



Doug Rotman

Lawrence Livermore National Laboratory

Doug Rotman is Program Director for Energy and Environmental Security Program Office at the Lawrence Livermore National Laboratory (LLNL). Dr. Rotman began his LLNL career in 1985 and has led various projects and programs as well as serving in management positions. Before taking on his current position, he was the LLNL PI on a DOE-NSF-NASA collaborative effort to enable advanced chemistry-climate simulations and also served as program manager and PI of a multi-institution NASA project (the Global Modeling Initiative) to develop a framework for community wide use in chemical transport modeling.

Rotman's research interests include the dynamical formulation of chemical species transport, atmospheric physics, and links between the distribution of atmospheric species and climate change. He has served as group leader for Atmospheric Chemistry and deputy division leader in the Atmospheric Science Division and various advisory panels for DOE, NSF and NASA, including serving as chair of the DOE/NERSC User group committee developing input to a 5 year DOE Office of Science 5 year computing plan.

He is chair of the NASA/NSF/NOAA/DOE/DoD Earth System Modeling Framework Advisory Panel and a member of the Bay Area Air Quality Management District Modeling Advisory Committee. He holds a Ph.D. in Mechanical Engineering from the University of California at Berkeley.