

Science and national security



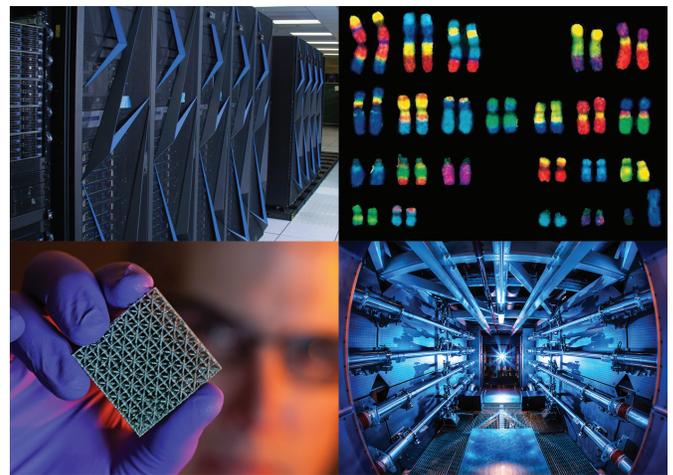
PATRICIA FALCONE

LLNL

Deputy Director for Science and Technology

Abstract:

The quality, scope, and impact of U.S. science and technology is admired the world over. International scientific collaborations highlight key values including evidence, peer review, transparency, teamwork, and dialog. Scientific leadership and technological prowess are also elements of national power and national security for the U.S. and for other nations. Today, roughly half of U.S. government funded research and development is carried out in support of national security missions. Such research is supported to enable the government to make informed assessments, to develop and deploy defensive technology and



systems, and to undergird effective offensive systems. A perspective on effective approaches for reaping national security benefits from open science, discovery, applied research, and innovation will be offered with examples from some current dual use domains.