Cynthia Keppel is the Experimental Hall A and C Group Leader at the Thomas Jefferson National Accelerator Facility, and a Spokesperson for eleven Jefferson Lab experiments. Her nuclear physics interests are in nucleon structure, in particular parton distribution functions, and a phenomenon called quark-hadron duality. She is also active in medical technology development, where she holds eleven patents (five pending). She was the Scientific and Technical Director of the Hampton University (HU) Proton Therapy Institute from idea through the first year of patient treatments, while holding a joint position as University Endowed Professor at HU and Staff Scientist at Jefferson Lab. She remains active in proton therapy and medical instrumentation projects via a community faculty appointment at the Eastern Virginia Medical School. She earned her PhD in 1995 from The American University for work at the Stanford Linear Accelerator Center. She garnered over $35M in extramural research support during her tenure at HU, including a National Science Foundation CAREER award. She received the Virginia State Council on Higher Education 2000 Outstanding Faculty Award, a 2011 Virginia Outstanding Scientist Award, and the 2010 Innovate Hampton Roads High Tech Leadership Award. Her students have won American Institute of Physics Blake Lilly and SURA Doctoral Thesis prizes. She has served on numerous national boards, including the American Physical Society Division of Nuclear Physics Executive Committee, the Jefferson Science Council, the National Institutes of Health National Advisory Research Resources Council, and the Pediatric Proton Foundation. She is an author of over 180 peer-reviewed scientific publications, 47 of which are ranked as top cited (50+) articles.