

Short Narrative Biography of
Dr. Lloyd Whitman
Interim Director, National Nanotechnology Coordination Office
to the
Committee on Science, Space and Technology
Subcommittee on Research and Technology
United States House of Representatives
Hearing on
Nanotechnology: From Laboratories to Commercial Products
May 20, 2014

Dr. Whitman is currently serving as the Interim Director of the National Nanotechnology Coordination Office (NNCO) as a temporary, full-time detail from his position as Deputy Director of the Center for Nanoscale Science and Technology (CNST) at the National Institute of Standards and Technology (NIST). He received a B.S. in Physics from Brown University (with honors, *magna cum laude*), and M.S. and Ph.D. degrees in Physics from Cornell University. After a National Research Council Postdoctoral Research Fellowship at NIST, he joined the research staff at the Naval Research Laboratory (NRL). At NRL, Lloyd was the Head of the Surface Nanoscience and Sensor Technology Section, where he led a diverse portfolio of research studying semiconductor, organic, and biomolecular nanostructures, their use in novel functional surfaces, and their integration into advanced sensor systems for national security applications. In addition to leading research at NRL, Lloyd served as a Science Advisor to the Special Assistant to the Secretary of Defense for Chemical and Biological Defense and Chemical Demilitarization Programs. Lloyd joined the CNST as its founding Deputy Director in April 2008, overseeing the operations of the Center and working closely with the Director in leading the Center's strategies and programs. He also serves as the liaison to NIST's overall nanotechnology program, representing NIST and serving in 2013 as national co-chair on the National Science and Technology Council, Committee on Technology Subcommittee on Nanoscale Science, Engineering and Technology (NSET). Lloyd has over 160 publications and multiple patents in the areas of nanoscience and sensor technology, and numerous media citations and awards, including the Navy Meritorious Civilian Service Award.