

**BIO:** Lloyd Whitman joined NIST's Center for Nanoscale Science and Technology as the Deputy Director in April 2008. 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 an NRC Postdoctoral Research Fellowship at NIST, he joined the research staff at the Naval Research Laboratory (NRL). At NRL, Lloyd was most recently the Head of the Surface Nanoscience and Sensor Technology Section, a multidisciplinary research group working at the nexus of nanoscience, biotechnology, and microsystems. 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 has over 150 publications and patent applications in the areas of nanoscience and sensor technology, and numerous media citations and awards, including the Navy Meritorious Civilian Service Award.