

Dr. Judy Wu is a Distinguished Professor of Physics at the University of Kansas. She is an experimental condensed matter physicist and specialized in thin films and nanostructures including synthesis, characterization and device applications. Her current research focus is on understanding and manipulating interfaces at atomic scales in nanocomposites, heterostructures, and nanohybrids for applications in photodetectors, sensors, metal-insulator-metal tunnel junctions, memristors, etc. She has authored/coauthored more than 300 scientific publications and 15 book chapters/topic reviews. She has been awarded 14 US patents, plus several pending patent applications.