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The Center for Nanostructured Materials: A User Facility at The University of Texas at Arlington MUHAMMED YOUSUFUDDIN, University of Texas at Arlington — The Center for Nanostructured Materials (CNM) located at the University of Texas at Arlington is a fully equipped user facility that houses a variety of instrumentation for the characterization of nanomaterials. Several state-of-the-art characterization techniques are available including Atomic Force Microscopy (AFM), X-ray Photoelectron Spectroscopy (XPS), Electron Paramagnetic Resonance (EPR), Raman Spectroscopy, Superconducting Quantum Interference Device (SQUID), and X-ray Diffraction of thin films, powders, and single crystals. The range of instrumentation supports interdisciplinary collaborations in physics, chemistry and materials science and provides an excellent resource for training undergraduate and graduate students. The primary goal of CNM is to foster interdisciplinary collaborations for a wide range of researchers and as such we welcome all potential users. In this presentation I will discuss CNM's capabilities and user access policies.

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