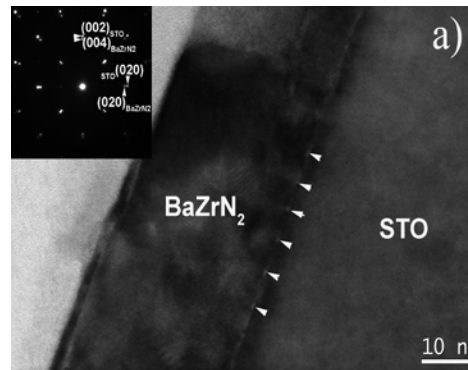
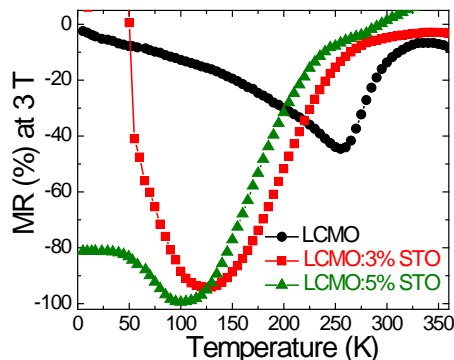
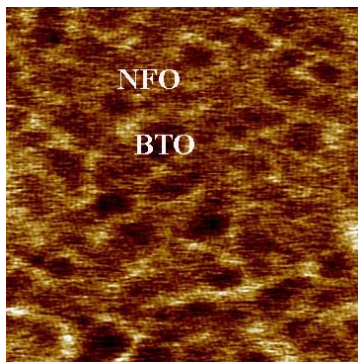


## Research I: Epitaxial Oxide, Nitride, Carbide, and Nanocomposites Thin Films for Magnetic, Multiferroic, Transparent Semiconductors

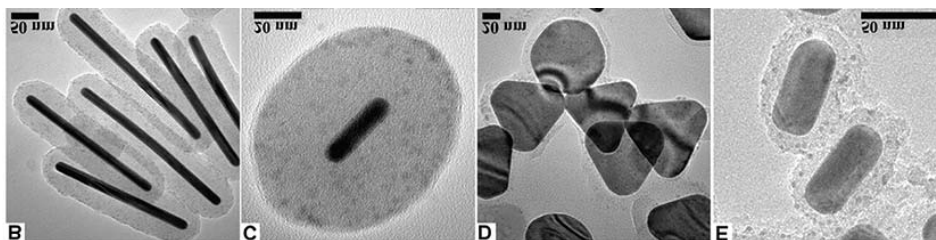


JACS 129, 14132 (2007)

APL 100, 082403 (2012)

Angew. Chemie. 48, 1490 (2009) Polymer-Assisted Deposition

## Research II: Quantum Dot, Nanoparticles, Nanowires, Carbon Nanotubes for Photovoltaic, Photocatalyst, Batteries



ACS Nano 6, 3832 (2012)



- Collaborated with LANL and SNL
- 7 Ph.D., 2 M.S.; 6 undergraduates (70% are minorities and women)