

The Center for Nanoscale Science and Technology: NIST's Nanotechnology User Facility

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The NIST Center for Nanoscale Science and Technology (CNST) supports the U.S. nanotechnology enterprise from discovery to production by providing industry, academia, NIST, and other government agencies with access to world-class nanoscale measurement and fabrication methods and technology.

The CNST's shared-use NanoFab gives researchers economical access to and training on a commercial state-of-the-art tool set required for cutting-edge nanotechnology development. The simple application process is designed to get projects started in a few weeks.

Looking beyond the current commercial state of the art, the CNST's NanoLab offers opportunities for researchers to collaborate on creating and using the next generation of nanoscale measurement instruments and methods.

In this talk I will describe CNST's capabilities, explain how users interact with the CNST, and give some examples of recent work carried out in the Center.