

Title: National Nanotechnology Coordinated Infrastructure (NNCI)

Abstract: The presentation will provide an overview of the National Nanotechnology Coordinated Infrastructure (NNCI), which is an NSF-funded network of 16 academic nano-fabrication and -characterization sites and their partners, formed to advance research in nanoscale science, engineering and technology. The NNCI sites are located in 15 states and involve 27 universities that provide researchers from academia, small and large companies, and government with access to university user facilities with leading-edge fabrication and characterization tools, instrumentation, and expertise within all disciplines of nanoscale science, engineering and technology. In addition, the NNCI program supports a wide range of educational and outreach as well as societal and ethical implications (SEI) activities in the area of nanoscale science and engineering. Examples of the breadth of supported research activities, and educational/outreach and SEI programs will be highlighted.