

NANOTECHNOLOGY COMMERCIALIZATION AND RESEARCH FACILITY

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NANOTECHNOLOGY COMMERCIALIZATION AND RESEARCH FACILITY

**** THE MU VISION ****

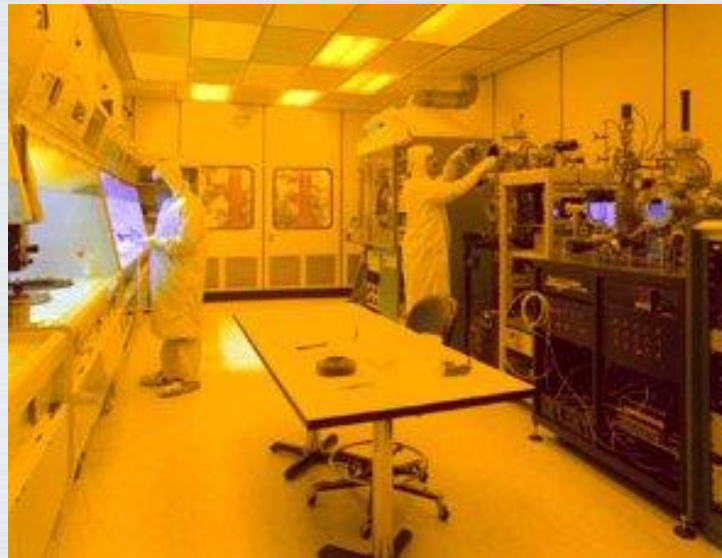
To build a nanotechnology fabrication center for developing commercial processes and for conducting cutting edge research in the following areas:

- Material Science
- Biotechnology
- Thin Film Processing
- Microelectromechanical Systems (MEMS)



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(NASA Glenn Research Center Cleanroom)



OTHER SIMILAR USER-FACILITIES

- Nanoscale Science and Technology Laboratory (Oak Ridge National Laboratory [ORNL])
- Center for Nanophase Materials Science (US Department of Energy / ORNL)
- National Nanofabrication Users Network (Cornell, Stanford, Harvard, Michigan, Minnesota, Penn State, University of Washington, UT-Austin, Georgia Tech)
- MENT Research Group (University of Tennessee)



EQUIPMENT / CAPABILITIES

- Chemical Hoods / Toxic Gas Systems
- Metrology Equipment
- Lithography Equipment
- Electron Microscopes
- Thin Film Deposition / Etching / Processing
- Furnace Processing



OUR CURRENT STATUS

**** SEEKING FUNDING AND BUILDING SITE ****

Clark Enersen Partners
March 23, 2006

- 750 SF, Class 10
- 5,680 SF, Class 1000
- 1,410 SF, Lab Support
- 1,220 SF, Office Support

- \$3.4 M plus the building



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- \$15M request from NIST or Stimulus

BUTLER BUILDING
AT RESEARCH
PARK

