

Georgia Tech Nanotechnology Research Center

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At a Glance

Status: University

Date of foundation: 2008

Employees: 30

Main Activity

The Ga. Tech Nanotechnology Research Center (NRC) is a user research facility that provides academic and industrial researchers access to equipment needed to undertake nanotechnology research and new product development. The NRC consists of the Pettit Microelectronics Building, PMB, and the Marcus Nanotechnology Building, MNB. The NRC has a total of 2000 sq meters of Inorganic cleanroom adjacent to 600 sq meters of Organic cleanroom to promote the cross-collaboration of biological and biomedical researchers with semiconductor, MEMS and electronic device researchers.

Company Strengths

HIGH END PRODUCTS: Nanolithography, BioMEMS, microfluidics

INNOVATIVE PROCESSES/SERVICES/PRODUCTS: The GT NRC provides training on and access to a wide variety of equipment. That equipment includes e-beam, optical and imprint lithography, a wide variety of deposition techniques, plasma and thermal processing equipment, a variety of characterization equipment, and various types of biological processing and characterization tools.

NETWORKING: Over 500 discreet researchers used the GT NRC on 2008, providing an exceptional environment for cross collaboration.

R&D: They mostly do research, but also provide the environment to incubate small companies.

EXPERTISE: Semiconductor, MEMS and BioMEMS fabrication.

Sector

NANOTECHNOLOGY

- Coatings/thin films
- Drug Delivery
- Fundamental research
- MEMS/ NEMS
- Metrology
- Nanofabrication
- Production
- Textiles

Type of Cooperation

- ACTIVATION OF NEW PROJECTS (R&DT)