



AGI

Abbie Gregg, Inc.

University of Pennsylvania Moore Nanofab

Project Name: University of Pennsylvania, Moore Nanofab Infrastructure Renovations

Project Location: Philadelphia, Pennsylvania, US

Architectural Firm of Record: URS Corporation

Project Size: 3,100 sq. ft. Renovation

Construction Cost: ~\$1.2M

Professional Services Provided: 2006 – Present

Project Status: Construction Scheduled for 2008

Client Reference:

- Ira Winston, Executive Director, Computing and Educational Technology Services, University of Pennsylvania, 215.898.4434

Project Features:

- Nanotechnology Cleanroom
- HPM Corridor and Storage Areas
- Infrastructure Upgrades: Process, HVAC, Architectural, and Life Safety Systems

Services Provided by AGI for Project:

- Cleanroom Design: Programming thru Construction Documents
- Layout and Utility Matrix Development
- Tool Research and HPM Analysis
- Specialty Systems Design
- Tool Installation Design

Building Uses:

- The existing microfabrication lab is a compact, flexible laboratory for the design, preparation and manufacture of small structures using current photolithographic techniques. It has been in use, with minimal renovation, since its construction over 20 years ago. In late 2006, the University began a project to renovate the infrastructure to accommodate the install of sophisticated nanotechnology tools.

Key AGI Personnel Associated with this Project:

- Abbie Gregg, AGI Project Executive
- Mark Winter PE, Chemical Engineer and AGI Project Manager



Moore Building



Pre-Renovation Cleanroom Space



Pre-Renovation Cleanroom Space