



**AGI**

Abbie Gregg, Inc.

## UC Berkeley Davis Hall North

**Project Name:** University of California at Berkeley, CITRIS Microlab  
(Davis Hall North Replacement)

**Project Location:** Berkeley, CA

**Architectural Firm of Record:** Johnson Fain Partners and SmithGroup  
Incorporated

**Project Size:** 18,000 sq. ft. Cleanroom, 97,750 gross sq. ft. in Project

**Construction Cost:** \$72M

**Professional Services Provided:** 2002-2004

**Project Status:** Estimated Completion Date: December 2008

**Client Reference:**

- Bill Flounders, PhD, Principal Development Engineer, UC Berkeley,  
510-643-6779

**Project Features:**

- Microlab Multistory Cleanroom Building with Subfab, Interstitial Levels,  
Waffle Slabs
- Unusual Site (Demo, Dual Building, Seismic Issues)
- Interface to 2 Existing Buildings
- Class 100 to class 1,000 on two levels
- 3" to 8" Substrates
- MOCVD – Significant HPM Usage / Storage
- Maskmaking
- Characterization
- Chemical / Gas Delivery from Hearst Avenue to HPM Storage Rooms
- Biofluidics and BioMEMS Process Applications

**Services Completed by AGI for Project:**

- Programming, Schematic Design, Design Development, Construction  
Documents, Bid Packages
- Layout, Utility Matrix, HPM Analysis
- Tool Research, Relocation
- Specialty Systems Design
- Vibration and EMI Analysis
- Equipment Specification
- Value Engineering
- LEED™ Design

**Key AGI Personnel Associated with this Project:**

- Abbie Gregg, Cleanroom Consultant
- Craig Rossrucker, Cleanroom Consultant
- Mark Winter PE, Cleanroom Consultant



*Construction, December 2007*



*Artist's Rendering of  
CITRIS Microlab Building*



*Etch Tool for  
Installation in Cleanroom*