



James Lee
**Sorenson Language and
Communication Center**

Future home of

ASL and Deaf Studies
Communication Studies
Government and History
Hearing, Speech, and Language Sciences
Linguistics
Sociology
Image courtesy of Gallaudet University



PROJECT INFORMATION

Building: 3 story office and research wing with mechanical basement and 2 story classroom wing emanate from central atrium
Size: 83,027 SF
Cost: \$24,054,000 (estimated)
Completion: Summer 2008

ARCHITECTURAL DESIGN

- Adapts to the 'visu-centric' way of being in deaf culture
- Atrium serves as functional and symbolic heart of facility
- Enclosure primarily masonry and glass curtain walls
- Attempting to garner LEED v2.1 Certified Rating
- Colonnaded classroom wing reflects repetition of columns at historic Chapel Hall across campus green
- Features several acoustically sensitive audiology labs

MECHANICAL SYSTEM

- 6 AHUs serve distinct functional zones for indep. operation
- Each space served with a VAV terminal unit
- Steam and Chilled Water supplied from campus utilities
- VFDs and Air-side economizers reduce energy use
- Sound attenuators used on AHUs and VAVs for sensitive acoustical spaces

ELECTRICAL SYSTEM

- 2000A switchboard serves 480/277V, 3-phase, 4-wire system
- 300 kW diesel emergency generator
- Increased ambient lighting in the many video conf. rooms
- Occupancy sensors in single offices, restrooms, and storage

STRUCTURAL SYSTEM

- Concrete caissons support cast-in-place concrete grade beams and foundation walls
- Structural steel skeleton supports upper floors
- Composite floor system supported by open web trusses

PROJECT TEAM

Architects: SmithGroup (primary)
Kuhn Riddle Architects

Engineers:

MEP: SmithGroup
Structural: McMullan & Assoc.
Civil: Edwards & Kelcey
Acoustics: Cavanaugh Tocci Assoc.
A/V: Technology Design Resources LLC

Construction Manager: Heery Int'l.

Specifications: Heller and Metzger, PC

Code Compliance: The Protection Engineering Group

