

UNIVERSITY HEALTH BUILDING

LOCATED IN THE MID-ATLANTIC REGION



PROJECT TEAM

- Structural: Tadjer Cohen Edelson Associates
- Architect: Payette Associates
- MEP/FP: Affiliated Engineers
- Construction: Whiting Turner
- Lighting: Atelier Ten

PROJECT INFO

Delivery Method: Design-Bid-Build

Cost: \$ 56 Million

Size: 161,000 SF

Floors: 7

ARCHITECTURE

- Saw tooth reveals on the northeastern façade give the building some bite
- Each floor is a mesh between offices and classrooms. The architect hopes that this mesh will help to bridge the gap between faculty and students.
- Centralized sky lit atrium that serves as the building's main staircase

STRUCTURE

- Predominantly constructed of 2-way post tensioned plate slabs and continuous drop panel systems, depending where you are located in the building
- Lateral system: concrete moment frames
- Foundation: a network of spread footings connected with grade beams

MECHANICAL

- Primary cooling units are two 350 ton chillers located in the basement run by VFD's
- Primary heating provided by four natural gas boilers located in the penthouse
- The design also utilizes four energy recovery wheels for energy savings

ELECTRICAL

- Lighting is a mix of fluorescents and LED's
- Panels distribute 3-phase 480Y/277 and 208Y/120 volt power
- 750kW generator for emergency power



Photos courtesy of Payette Associates