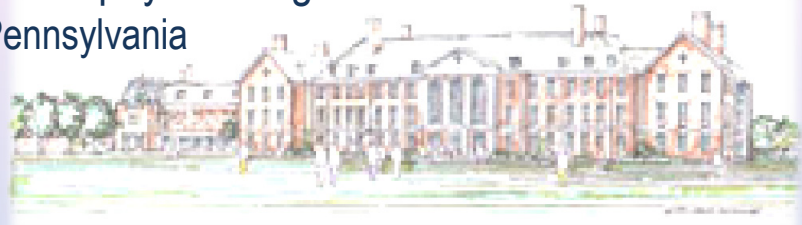


Ann & Richard Barshinger Life Science & Philosophy Building

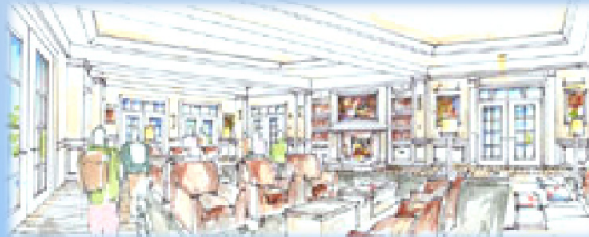
Franklin & Marshall College, Lancaster, Pennsylvania

Architect: Einhorn Yaffee Prescott
GC / CM: Turner Construction



ARCHITECTURE / GENERAL

- 104,000 SF LABORATORY / INSTRUCTION FACILITY
- CONSTRUCTION: DECEMBER 2005 – AUGUST 2007
- OCCUPIED BY THREE COLLEGE DEPARTMENTS, TWO PREMIER PROGRAM AREAS
- BRICK FACADE TO MATCH OLDER STYLES ON CAMPUS
- 120-SEAT LECTURE HALL AND ATRIUM USED FOR COLLEGE & COMMUNITY EVENTS
- SOUTH ROOF GREENHOUSE, BASEMENT OBSERVATION VIVARIUM
- VERMONT SLATE ROOF
- NUMEROUS STUDENT LOUNGE SPACES



MECHANICAL

- (2) 50,000 CFM AHUS ON ROOF, (1) 15,000 CFM AHU IN BASEMENT
- (2) 25,000 CFM AND (1) 15,000 CFM EXHAUST FANS ON ROOF
- GLYCOL ENERGY RECOVERY LOOP BETWEEN EXHAUST AND MAKE-UP AIR
- 550 TON CENTRIFUGAL CHILLER IN CENTRAL UTILITIES BUILDING
- COOLING TOWER ON ROOF, ROOM FOR EXPANSION
- MP STEAM FED FROM CENTRAL CAMPUS SERVICES (4880MBH HTX)
- LP STEAM SUMMER BOILER ON ROOF (3392 MBH)

CONSTRUCTION

- DESIGN – BID – BUILD PROJECT
- \$39M GMP CONTRACT
- EXTENSIVE ROCK EXCAVATION
- ONGOING CAMPUS SERVICES RENOVATIONS



STRUCTURAL

- STEEL BRACED FRAME STRUCTURE
- CONCRETE SLABS ON COMPOSITE METAL DECK
- 8" CMU EXTERIOR BACKUP WALLS
- BRICK EXTERIOR FACADE
- PRE-CAST CONCRETE PANELS (DECORATIVE)
- LIMESTONE LINTELS & CAPSTONE

ELECTRICAL / LIGHTING

- 15KV, 3 PHASE DELTA BUILDING POWER FEED
- 1300 KVA TRANSFORMER (15KV – 480/277Y)
- 350KW 480/277Y STANDBY DIESEL GENERATOR
- 277V T-8 LINEAR FLUORESCENT LIGHTING
- 120V INCANDESCENT ACCENT LIGHTING