

The Biomedical Research Building is a 188,000 GSF research and laboratory structure that will house research pavilions with core labs, interdisciplinary research laboratories, innovative interactions spaces, office space, conference rooms, vivarium’s, open public space and further expansion of research quadrangle.

- The first two floors will be vivarium’s
- The third and fourth floors house the informatics laboratory, private interview rooms, and the DNA bank and faculty offices
- The fifth through ninth floors will house flexible open wet laboratory space, a cGMP laboratory with specialized tissue culture rooms, microscopic laboratories and faculty offices.
- Open atrium connecting public spaces between the third and fourth floors
- Congregated meeting spaces for staff interaction

FACILITIES

Research laboratories, faculty offices, animal imaging suites, flexible animal holding rooms

GSF: 188,000

Completion: May 2009

Architect: Karlsberger

Engineer: Newcomb & Boyd

Contractor: Moss & Associates

LEED Consultant: Karlsberger

Commissioning Agent: Heery International

SUSTAINABILITY FACTS

LEED – NC Rating Total	69
SILVER	34
Sustainable Sites	9
Water Efficiency	3
Energy & Atmosphere	5
Materials & Resource	5
Indoor Environmental Quality	9
Innovation & Design	3
PROJECT TOTAL	34

SUSTAINABLE HIGHLIGHTS

- Urban redevelopment
- Energy recovery units for pre-cooling outside air and condensate water reclamation for public toilet operation.
- High performance, double-pane insulated glass
- Renewable interior finishes
- Recyclable carpet tiles
- Daylight harvesting using integrate slope ceilings and lighting controls
- Sunscreen and sunlight reflections on exterior curtain wall
- Enhanced building systems’ commissioning
- Education out-reach program to UM architecture program
- Re-circulating animal watering system
- Occupant sensors for lighting control
- Automatic on/off controls for plumbing fixtures
- Constructive reuse/construction debris reuse program
- Low VOC paints and adhesives
- A building “flush” program prior to occupancy
- Open office plans with systems furniture for enhanced flexibility
- Segregated rooms (copier rooms) for indoor air quality control