The Clark Enersen Partners

MISSOURI STATE UNIVERSITY - CHRISTOPHER S. BOND LEARNING CENTER

The Bond Learning Center expansion of the Darr Agricultural Center is the third phase that The Clark Enersen Partners has designed and completed on the DAC's 125-acre campus. The newly constructed Bond Learning Center serves as the new "front door" of the center and represents the most significant portion of Phase III construction. The new building includes:

- A large classroom and lecture hall equipped with an animal entrance and specialized pen
- Classrooms with distance learning technology
- Laboratories with the equipment needed to stream video and audio transmissions
- Laboratory equipment that facilitates student and faculty research in the areas of water quality, soil chemistry, horticulture sciences, and animal physiology
- Conference space and banquet hall accommodating up to 400 people available for public and private events as well as large-scale educational opportunities

The new facility is seeking LEED Silver certification. Several measures incorporated in design plans include features to filter storm water runoff before it reaches the area streams, occupancy sensors that shut down lighting and control temperatures when no one is in the room or area, the use of natural light where possible, and a special ground source heat-pump mechanical system to take advantage of the earth's constant temperature 200 feet below the surface. A light colored roof was installed in order to minimize the solar heat gain through the roof. This final phase of the DAC greatly expands the University's ability to address research and educational issues facing agricultural industry challenges in supporting an increasingly urban

SIZE (GSF): 27 331

LOCATION: Springfield, Missouri

PROJECT TYPE: Higher Education
Science + Research

SERVICES:
Architecture
Mechanical Engineering
Electrical Engineering
Structural Engineering
Landscape Architecture/Site Planning
Interior Design
Construction Administration
Laboratory Planning + Design

society.

Additional Photography