



**Green School Building**  
New Construction

**MOSELEY ARCHITECTS,  
ARCHITECT OF RECORD**

780 Lynnhaven Parkway,  
Suite 200  
Virginia Beach, VA 23452  
www.moseleyarchitects.com

George Nasir  
757/368-2800

**HASTINGS & CHIVETTA,  
CONSULTING RECREATION  
CENTER ARCHITECT**

www.hastingschivetta.com

**DESIGN TEAM**

George Nasir, Vice President,  
Managing Principal

Jeffrey Hyder, Vice President,  
Project Manager

Bryna Dunn, Vice President,  
Environmental Planning

Robert Baxter, Associate,  
Construction Administration

Wes Bonafie, Vice President,  
Mechanical Engineer

**OWNER/CLIENT**

Longwood University  
Farmville, VA

Dr. Richard Bratcher  
Vice President of Facilities  
Management

Type of School  
and Grades Served:  
College, Post-secondary

Capacity: 2,211 students

Size of Site: 3.1 acres

Area of Building:  
73,000 square feet

Volume of Building:  
2.3 million cubic feet

Space per Student:  
32 square feet

Cost per Student: \$6,179

Square Foot Cost: \$187

Cost of Construction:  
\$13.7 million

Total Project Cost: \$15.6 million

Contract Date: Mar. 2003

Completion Date: May 2007

# Longwood University

*Farmville, Virginia*

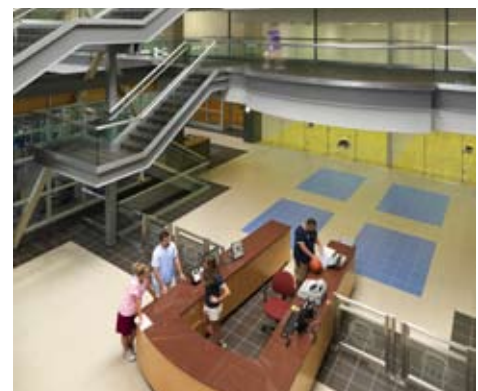
Moseley Architects, Architect of Record



NORTH ENTRANCE COLONNADE



STUDENT LOUNGE



ENTRANCE LOBBY

For the past two year, the Longwood University Sustainable Committee, established by President Patricia Cormier, has focused on “meeting the needs of the present without compromising the ability of future generations to meet their own needs. “The new Health & Fitness Center is proof that achieving this goal is possible. This facility at Longwood University received

a Leadership in Energy and Environmental Design (LEED) Gold certification from the U.S. Green Building Council. This is the first LEED-certified building on the campus and the first collegiate facility in Virginia to receive LEED Gold certification.

The new 73,000-square-foot-center includes two basketball courts and two gymnasiums, plus a multipurpose court, a fitness/exercise

area, a climbing wall, two racquetball courts, three multipurpose rooms for aerobic activities, an elevated running track, a student-recreation office suite, and a wellness/counseling office suite.

The facility creates a dramatic terminus at the end of Spruce Street, a primary pedestrian thoroughfare on campus, and uses a Georgian architectural style that recalls the historic tradition of the



EAST PROMENADE



FITNESS CENTER

campus. The ample use of low-E clear glass fenestration maximizes natural daylighting, visually connecting students with the campus and providing views into the building from South Main Street.

Patrons can view the fitness center, climbing wall, racquetball courts, gymnasium, and multipurpose/aerobics rooms from the north entrance lobby, which serves the majority of the campus. From the south

entrance, students can circulate through the building on an elevated walkway and view a variety of recreation activities without having to enter the controlled recreation area until they descend from the monumental stairway into the north lobby. The visibility into all these activity areas is designed to entice students to adopt a healthier, more active lifestyle.

In addition to reducing energy consumption by 43



CLIMBING WALL

percent, additional sustainable design features have been incorporated into the building. These include shading of pervious surfaces with vegetation to reduce the heat-island effect; waterless and water-efficient technologies to reduce water use by 40 percent; HVAC equipment free of ozone-depleting HCFCs and halon compounds; construction waste management resulting in the diversion of over 98

percent of waste from landfills; use of locally manufactured and recycled materials, FSC-certified athletic wood floors, casework, and wood doors; a CO<sub>2</sub> monitoring system; adhesives, sealants, paints, carpet, and composite wood products with low or no VOCs; permanent walk-off mats, reducing the amount of pollutants entering the building; and a permanent measurement and verification system. ■

PHOTOS: STEVE MANTONE