



# Purdue University France A. Cordova Recreational Sports Center

West Lafayette, IN

## New Construction/Addition Sports Facility/Fitness Center

**Moody•Nolan**  
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Dana Ford, Market Director  
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### DESIGN TEAM

**Curtis J. Moody, FAIA, NCARB, LEED AP,**  
Principal-in-Charge of Design  
**Mark J. Bodien, AIA, NCARB, LEED AP,**  
Project Manager  
**Miguel Gonzalez, LEED AP,** Project Designer  
**Sara R. Boyer, RA, LEED AP BD+C,** Project Architect  
**Howard M. Blaisdell, RA, LEED AP BD+C,** Project Architect  
**David Post, RA, NCARB,** Construction Administrator

### OWNER/CLIENT

Purdue University  
West Lafayette, IN  
Lawrence J. Fusara, AIA  
765/494-8003

### KEY STATS

Grades Served: Post Secondary  
Capacity: 38,788 students  
Size of Site: 17 acres  
Building Area: 420,000 sq. ft.  
Building Volume: 9.2 million cu. ft.  
Space per Student: 11 sq. ft.  
Cost per Student: \$1,895  
Square Foot Cost: \$175  
Construction Cost: \$73.5 million  
Total Project Cost: \$103 million  
Contract Date: Apr. 2010  
Completed: Oct 2012  
Sustainability Rating System/Applied/  
Status/Level: Pursuing LEED Silver

PHOTOGRAPHY: JAMES WEST, JWEST PHOTOGRAPHY



Three existing antiquated and windowless boxes housing fitness, gymnasiums and aquatic spaces were turned “inside out”. The new design is expressed on the exterior as light-filled volumes of glass and stone which give the center a new, more inviting face, strongly contrasting and complementing the brick vernacular of the existing facility and campus. The central concourse/atrium space stitches together the existing disparate spaces, bringing natural light deep into the heart of the facility. The concourse also serves as an organizing element, connecting the entrances and a monumental stair throughout all five levels of the facility.

The interior design is conceptualized as “neighborhoods of activity”: diverse fitness activities and varying degrees of openness and programmatic / physical overlaps. Major new spaces include a feature gym, leisure pool, climbing and bouldering walls, a fitness pavilion on the south end, volleyball courts, a multi-activity court, a wellness





suite and a demonstration kitchen. A stroll through the sports center reveals dense layering of spaces, and a transparency that sometimes appears to extend through the entire building, both horizontally and

vertically (in section). In pursuit of LEED Silver, over 90% of the existing structure was reused and all building MEP systems were replaced with high-efficiency systems.

