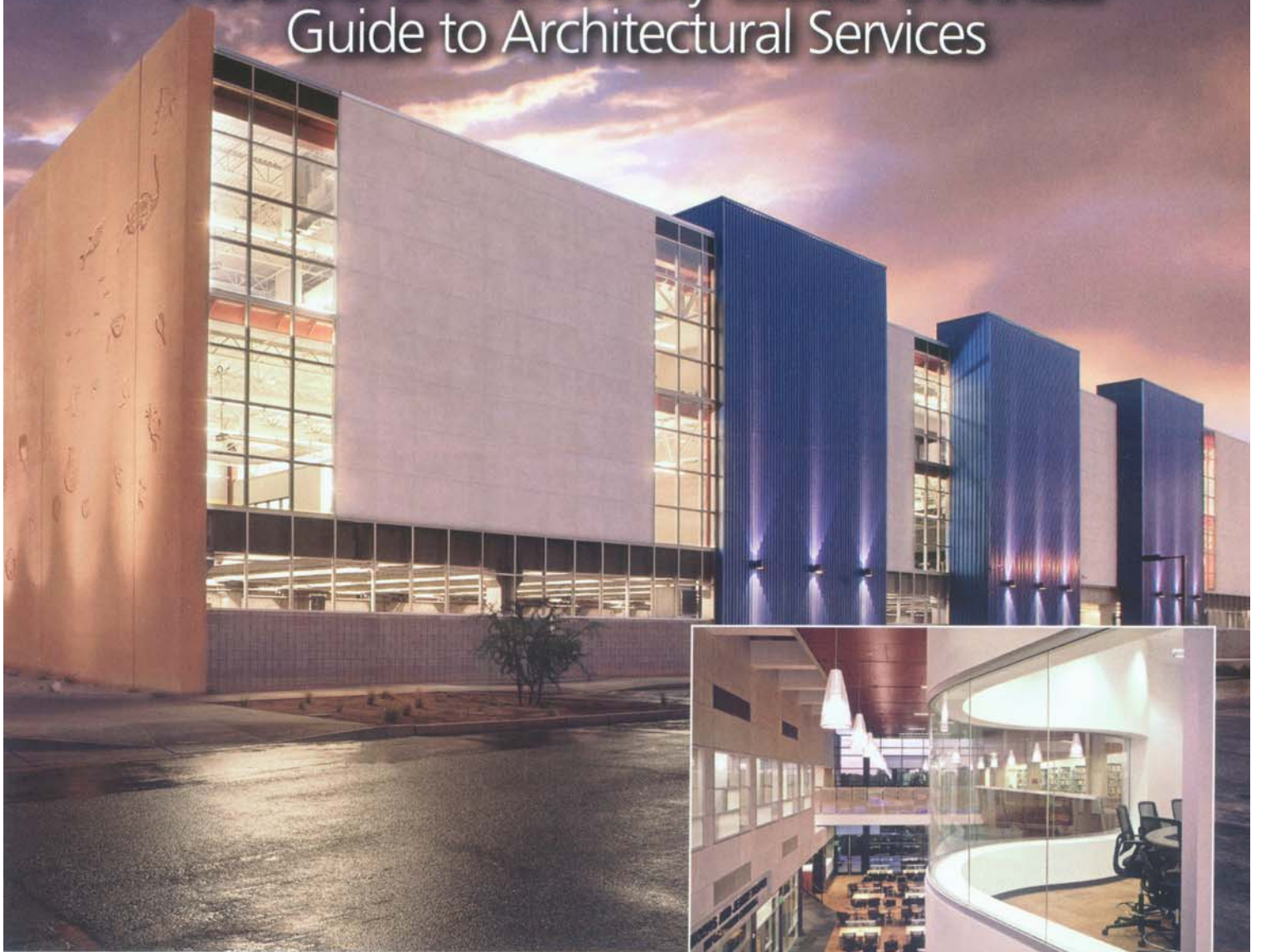


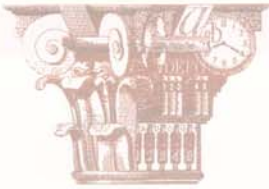
AMERICAN SCHOOL BOARD JOURNAL 2009

LEARNING BY DESIGN

A School and University Leader's Annual
Guide to Architectural Services



Grand Prize Winner: Bioscience High School, Phoenix, AZ
(Inset) Citation of Excellence: Jackson Community College, Jackson, MI



Technology Center
Renovation/Addition/
Restoration

COLLEGES & UNIVERSITIES

Northern State University

Aberdeen, South Dakota

Koch Hazard Architects

KOCH HAZARD ARCHITECTS

431 N. Phillips Ave., Suite 200
Sioux Falls, SD 57104
www.kochhazard.com
605/336-3718

DESIGN TEAM

Christopher M. Schiltz, AIA
Principal-in-Charge

Jeffrey R. Dolan
Project Manager

RQE
Mechanical/Electrical
Engineering

RISE Inc.
Structural Engineering
Helms & Associates
Civil Engineering
Gray Construction
General Contractor

OWNER/CLIENT

Northern State University
Aberdeen, SD

Don Erlenbusch, Vice President of
Finance & Administration
605/626-2537

Type of School and
Grades Served:

University, Post-secondary

Capacity: 464 students

Size of Site: .4 acres

Area of Building:
38,529 square feet

Volume of Building:
1.8 million cubic feet

Space per Student:
79 square feet

Cost per Student: \$12,524

Square Foot Cost: \$151

Cost of Construction:
\$5.8 million

Total Project Cost: \$6.4 million

Contract Date: Aug. 2005

Completion Date: Dec. 2006

Percent of Completion: 100%



NORTH EXTERIOR VIEW

The new technology center is an addition to an existing three-floor, U-shaped building located on the campus of Northern State University in Aberdeen, SD. The addition, located at the end of the formal campus quadrangle, provides both a literal and a mission-based focus for the university.

Administrators wanted the new facility to reflect the campus' changing mission. NSU was originally a teacher's college. Now, the technology center sends instruction to schools throughout the state via electronic classrooms. The main program goal was to enhance learning with smart classrooms, offices for technology fellows and faculty, facilities for student technology support and computer repair, broadcast and recording studios, laboratories, and areas for testing and software support. One of the design challenges was keeping the new floor plates as thin as possible



"SMART" CLASSROOM



THIRD-FLOOR CORRIDOR

to match the existing building's floor-to-floor heights while allowing adequate space for exposed systems. Interior classrooms and offices receive daylight from high ribbon windows in the feature walls adja-

cent to the main corridors and curtain wall on three levels.

This addition provides the campus with a strong focus and positions the university as a regional leader in technology education. ■

PHOTOS: STEPHEN PAREZO