

HIGHER EDUCATION

Pacific University Library

Forest Grove, Oregon

Glass Art Puts Library in Center-Campus Limelight



A three-story 49,000 SF library building will soon replace the existing library on the main campus of Pacific University. Much more than a library, it will function as the telecommunications hub for the entire campus. Interface Engineering contributed its telecommunications expertise along with the mechanical, electrical, fire alarm, security and lighting control design services. Interface designed:

- mechanical systems with a central HVAC system utilizing baseboard radiant heating and high-induction, long-throw air distribution for space cooling and ventilation
- electrical systems with power distribution and backup power generation systems
- energy-efficiency lighting and daylight systems and controls
- fire alarm devices.

WHERE BEAUTY SHARES SPACE WITH ENERGY SAVINGS

Interface participated in providing the lighting and illumination for a glass wall artwork that is part of the sweeping curved stairs, making the interior an inspiring place to study. The library's facade incorporates much brick and pre-cast concrete banding and trims to match the surrounding historical buildings, belying the high technology interior. Inside, sensors quietly play their roles of sentry, reducing energy usage and making the most of daylighting; the 60-foot atrium encompassing large skylights infuses the interior with natural light. The energy-efficient lighting and daylighting controls help reduce energy use to 20% below Oregon code.



FAST FACTS

Interface Team Leader

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Building Type

Library, New
Construction

Architect

Fletcher Farr Ayotte

Builder

Lease Crutcher
Lewis

Completion

December 2005

Building Size

49,000 SF

Awards

LEED® registered

Project Cost

\$6 million

Project Scope

Three-story library
in a small town
setting

Contact

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Construction
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