

COLLEGE

Planning & Management

FACILITIES • SECURITY • TECHNOLOGY • BUSINESS

April 2018 / webCPM.com

A Peter D'Elia Education Group Publication

THE

GREEN CAMPUS

AN ONGOING COMMITMENT TO THE FUTURE

LESSONS IN GREEN DESIGN

EDUCATING THE NEXT
GENERATION OF ARCHITECTS

WATER CONSERVATION

SAVING WATER IN
SCIENCE FACILITIES

THE CAMPUS LANDSCAPE

STANDARDS FOR
HEALTHY OUTDOOR SPACES

Daylighting Saves Energy on Campus

RICHARD COOK IS AS passionate about science education and a sustainable economic and environmental future as he is about Allegheny College, where he served as president from 1996 to 2008. He was one of the early signatories of the American College and University Presidents Climate Commitment (ACUPCC).

As a nod to his forward-thinking approach, Allegheny College in Meadville, PA, created the Richard J. Cook Center for Environmental Sciences at the newly renovated Carr Hall.

One of the most spectacular features is the ample use of daylight. Numerous *Solatube* Daylighting Systems flood the lobby with natural light, eliminating the need for electric lighting during daylight hours. Studies have shown that students perform better in the presence of daylight, absenteeism is

lower, and overall attitude and morale are higher. Marti Laudato and M&M Specialty Products of DuBois, PA, supplied the *Solatube* Daylighting Systems and installation.

"We've been extremely pleased with the inclusion of a large number of *Solatube* Daylighting Systems . . . It is one of the features that most excites visitors and those that study and work in the building — first because they're so surprised to hear that daylight rather than artificial light is illuminating the space, and second because it adds to the warm, natural quality of the space," says Kelly Boulton, sustainability coordinator at Allegheny College.

"We used *Solatube* Daylighting Systems in the lobby and in all classrooms and labs, which has allowed us to reduce our electricity consumption while maintaining plenty of light," Boulton says. "Not only have the *Solatube* units contributed to the



Solatube Daylighting Systems in the lobby and in all classrooms and labs at the Richard J. Cook Center for Environmental Sciences helped contribute to the renovation's LEED Gold certification and the building's energy efficiency.

renovation's LEED Gold certification, but they've helped us in our efforts to achieve 20 percent building efficiency in our partnership with the Department of Energy's Better Buildings Challenge, as well as move closer to our goal of climate neutrality by 2020 in partnership with the [ACUPCC]."

solatube.com

Outfitting New Music Facility

"IN THE REMODELING OF our music building, I knew we needed new practice rooms," says Alvaro Garcia, associate professor of Music and Music Department Chair at the University of Wisconsin — Parkside (UWP) in Kenosha, WI.

The old built-in practice rooms leaked sound badly. "The architects agreed it was almost impossible to fabricate a small practice room with adequate sound isolation," recalls Garcia.

Wenger installed 15 practice rooms — four sized for ensembles and the rest for individual musicians.

"The Wenger practice rooms are fantastic!" comments Garcia. "They're very popular with our students." Someday UWP hopes to upgrade the rooms to Virtual Acoustic Environment (VAE) technology that offers record/playback capability and acoustical simulations.

Along with improved practice rooms, UWP's remodeled music facility also includes new instrument storage cabinets in a variety of sizes for individual student use.

Sheet music storage is also improved with the Music Library System. After the first 25 units were quickly filled, UWP ordered 15 more to allow room for growth.

"The Music Library System is working out fine," Garcia says. "It's easy to use — the drawers roll in and out easily — and it holds a lot."


As a director, Garcia appreciates all elements of the Conductor's System. The double podiums provide versatility and the bar prevents him from stepping off backwards. The podium's wheels provide easy mobility; the large Plexiglas stand can hold many different size scores. And the chair is very comfortable, even for long rehearsals.

UWP music students also benefit from posture-supporting chairs — Student



UWP's remodeled music facility includes new practice rooms and new instrument storage cabinets with flexibility that maximizes the facility's limited storage space. Grille door cabinets enable quick inventory of the University's instruments.

models for rehearsal and padded Musician Chairs for the concert hall.

"The posture attributes of Wenger chairs provided an exception to the furniture offered by other state contracts," recalls Garcia. "It also helped to receive a volume discount for ordering other Wenger equipment." 

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