

Stockton Dedicates new Unified Science Center

\$39.5 Million Project Expands School of Natural Sciences and Mathematics

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bottom of release

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utilizes the college's existing Geothermal system of heating and cooling on campus.

- The exterior of the building was designed to realize harmonious environmental relationships with the sun and prevailing winds, according to EYP. The size, configuration and locations of windows in conjunction with vertical and horizontal sunshades and deep building overhangs will optimize thermal performance while maximizing usable daylight.
- The design allows for daylight access and views in as many areas of the building as possible to increase space quality and energy savings.
- With Stockton College's strong history of innovation relating to the installation of Ground Source Heat Pump (GSHP) systems, the new science building will provide the opportunity to expand the use of this technology on campus. As an alternative to conventional heating and cooling, GSHP is an energy-efficient, cost-effective system that enables Stockton to continue its role as a leader in the reduction of CO₂ and other greenhouse gas emissions.
- High efficiency restroom fixtures were integrated into the design, resulting in 30 percent water reduction from the baseline standard.
- Occupancy sensors, used in all public and laboratory spaces, will turn lights off in a given area, when a space is not in use, resulting in large energy savings.

"With the opening of the Unified Science Center, the college's teaching and research laboratories made a quantum leap from rehabilitated early 1980s facilities to 21st century cutting-edge facilities with equipment to match," said Dean Dennis Weiss of the School of Natural Resources. "The new science building is a testament to the college's commitment to sustainability and innovation. It will provide a world-class learning environment for our students and faculty, while also reducing our carbon footprint and saving energy. We are proud to be a leader in sustainable design and construction."

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building's environmental and scientific purpose, including:

- A \$200,000 Water Molecule sculpture by artist Larry Kirkland (located outside of building facing Campus Center);
- The Wave, a \$125,000 hanging colored glass installation by artist Ray King (hangs from ceiling of 2nd floor);
- Sun Sails, a \$200,000 colored glass installation by Ray King (above rear entrance of building facing the Sports Center.)

State law requires spending up to 1.5 percent of the construction cost of publicly funded buildings on public art. The required funding does not come from tuition sources.

The Unified Science Building is located adjacent to the college's new Campus Center and the Sports Center. A \$28.6 million planned addition to the science center has been approved by the New Jersey Legislature to receive bond funds, as recommended by the state Department of Education. Voters approved the "Building Our Future" bond act for public and private colleges and universities to upgrade academic and research facilities last November.

Stockton also commemorated the Campus Center's LEED® Gold certification at Wednesday's ceremonies.

Established by the U.S. Green Building Council and verified by the Green Building Certification ().002(ui)6(l5n6(l5)7(m)-3(e)10-46.1(di)6(ng)]TJ 0 Tc 0 Tw 3(s)4P <</MCID ru)8er B(ui)5.2