LOS ANGELES VALLEY COLLEGE
Greening of the
Allied Health and Science Center

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Los Angeles Valley College's $51 million, 98,000-square-foot Allied Health and Science Center brings together a number of healthcare and science-related disciplines in an interactive learning environment that includes exterior spaces designed to enhance students' educational experience.

The building has several technologically advanced features that help increase energy efficiency and reduce energy consumption and utility costs. These include:

- **Photovoltaic panels** in the rooftop canopy structure that takes advantage of the sunny San Fernando Valley weather to generate some of building's energy. The system is capable of generating up to 50,000 kilowatts of power.
- **Energy efficient lighting**
- **Occupant sensors** that turn lights off when rooms are not in use.
- **Operable Windows** with sensors that automatically turn off the heating and cooling system in individual offices.
- A **white roof** that helps minimize the heat island effect by reducing heat transfer from the sun onto the lower deck.
- A **reduction in solar and conductive heat gain** through the use of high-efficiency glazing; a radiant cooling and heating system in the office space; chilled water in the laboratory building; fiber-reinforced cement panels.

The Allied Health and Science Center will help to educate highly skilled and trained healthcare workers, which Southern California needs to maintain quality patient care services. Because of the building's sustainable design, Valley College will use less fossil fuels, reduce its pollution, and decrease its greenhouse gas emissions. This will help to combat global warming and reduce America's need for foreign energy sources.

For more information about this and other LACCD Bond Program projects, visit http://www.laccdbuildsgreen.org/lavc.php.