



STAYING COMMITTED AND CONNECTED

MAY 21, 2018

SCC Alumna to Get Degree in Mechanical Engineering



Nicole Peacock, who transferred from Solano Community College in the Spring of 2016, will graduate in June from UC Davis, with a bachelor's degree in Mechanical Engineering.

Nicole has been awarded the **Outstanding Senior Award** and the **Department Citation Award** from the UC Davis Department of Mechanical Engineering. Her senior design project involved the design of large sailboats that use wind energy to extract hydrogen from the ocean.

The sailboats each have a hydrokinetic turbine attached below their hull, which generates electricity and powers an electrolyzer. The electrolyzer takes the ocean water and separates it into oxygen and hydrogen, thus providing a method of gathering hydrogen that does not require any fossil fuel. Nicole's role in the project was to design, manufacture, and install the hydrofoil system for the sailboats. The hydrofoil helps to lift the hull of the boat out of the water when the boat sails, which reduces drag and allows for the ships to travel at faster speeds.

Nicole's design can be seen at the UC Davis Senior Design Showcase, on June 7, from 1:30-4:30 p.m. in the ARC Pavilion on the UC Davis campus. After graduation, Nicole has been offered a job as a mechanical engineer at Chevron, at a starting salary of \$110,000 per year.

Science Building Walls Going Up



Earthwork and foundation for the new Science Building in the heart of the Fairfield Campus have been under construction for months. But on May 22 and 23, the concrete exterior walls will be stood vertically and craned into place, and the building will seem to magically appear in a few days. A total of 32 wall panels will be ‘tilted’ into place and braced. Once raised, the panels will be plumbed and the connections between panels and to the foundation will be welded. Following this, the structural steel columns and roof beams will be installed.

Though not as dramatic visually, construction will continue through the rest of the year as windows, building systems, equipment and finishes are installed.

This \$37.5M new Science Building and Veteran’s Center is the latest in a series of Measure Q bond project. The Design Builder is DPR Construction with HGA Architects. The District’s construction manager is Swinerton Management and Consulting.

SCC Alumna Chosen for Beyond War Fellowship

The Pulitzer Center has also selected two projects for its Beyond War Fellowship, offered this year in conjunction with the Pulitzer Center’s June conference, [“Beyond War: Causes of Conflict, Prospects for Peace.”](#)

SCC alumna Sarah Hoenicke, a graduate journalism student at UC Berkeley journeys to Sri Lanka to report on how narratives and writing are used to overcome the trauma of war.

Environmental Club Update



This semester the Environmental Club completed numerous activities including fund raising for another Hydration Station and a lively Earth Day booth.

College bound this fall: President Mia Santos to UC Davis, VP Mariah Pino to Sacramento State, and Secretary Sandra Campero to UCLA. Amir Madison is deciding between several colleges.

The remaining students will return to SCC in the fall.



Inside Solano will return in the fall!



Solano College | solano.edu | (707) 864-4000

To submit information to Inside Solano, please email kristie.west@solano.edu