

## Ocean research and cruise part of lesson plan

*A Warrenton student and a math teacher chosen for program*

*The Columbia Press  
and Oregon State University*

A student and a teacher from Warrenton High School will join Oregon State University scientists this weekend on the research vessel Oceanus.

Dan Hansen, a Warrenton math teacher, and Chris Quashnick-Holloway, a senior, hope to gain at-sea research experience as part of a project to enhance STEM (science, technology, engineering and math) skills.

The cruise leaves Newport on Sunday, Sept. 23, and returns Wednesday. It will travel south to Stonewall and Heceta Banks, before veering north to Astoria Canyon, then into the Columbia River to Portland before returning to Newport.

The research vessel will dock for two days in Portland, where there will be a series of activities, including tours for Portland area students.

"What I hope to accomplish is to gain a



**Above:** Teachers listen while Oregon State University scientists describe the Oceanus research program at a recent open house.

**Right:** Students help prepare conductivity, temperature and depth sensors for deployment in the water off Astoria during last year's research cruise.

Courtesy Oregon State University

better understanding about the mathematics involved in ship navigation, creature population including migration and sensitivity to human interaction and marine/science logistics," Hansen said.

"Then, I want to bring this experience to the classroom and flesh out my mathemat-



ics lessons with real-world applications that are local and relevant."

Quashnick-Holloway comes from a long line of fishermen and is in his fourth year in the high school's fishery program.

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## Entrepreneur sees data center as giving back

**BY CINDY YINGST**  
*The Columbia Press*

Internet entrepreneur Mark Cox got his start in Clatsop County and he'd like to see others have the same opportunity.

Cox, 52, of Santa Barbara, Calif., formed a company that is purchasing property from the county to build a data and technology center in North Coast Business Park near



Cox

Costco. It would include a conference center, technology incubator, multi-tenant research and development space, and short-stay housing.

"I've made money. It's not my biggest motivation," Cox said Tuesday during a visit to the region. "It's the opportunity to give back that motivates me. It's the opportunity to be at the beginning of something so important."

His investors are like-minded.

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## Hospital building healing park on former high school football field

Columbia Memorial Hospital is building a new park designed to promote wellness.

No monkey bars or twirling playground equipment, this park is meant for peaceful contemplation.



"The CMH Health and Wellness Park is a part of our strategic initiative to enhance the patient and caregiver experience, providing a place to inspire wellness," said Erik Thorsen, the hospital's chief executive. "Through this space, we hope to support and encourage outdoor activity, rest and relaxation for our caregivers, patients and their family members."

The park is being built between the hospital and the CMH-OHSU Knight Cancer Collaborative, on the site of the old John Warren Field. Construction is expected to be finished by the end of fall.

The park will include walking paths,

picnic and activity areas, and a labyrinth. A labyrinth is an ancient symbol of wholeness. Its singular path winds in to the center of the maze and back out again, leading the traveler on a path of meditation.

Thorsen hopes the labyrinth becomes a place of reflection and renewal for caregivers and visitors to the hospital and Cancer Collaborative, he said.

"For years, patients and caregivers suggested that we create healing outdoor spaces to walk in," he said. "Once we finished building the Cancer Collaborative, we realized that the greenspace between buildings offered the perfect opportunity. We're

really excited for the CMH Health and Wellness Park to open and I hope that it gets a lot of use."

The park was designed by MacDonald Environmental Planning of Portland and construction is being overseen by Al Jaques of CM Services Co.

"I love the idea of people being able to take a moment and walk the labyrinth, sit outside for lunch on a nice day, or go for a quick walk while waiting for someone at the hospital or cancer collaborative," said Venus Fromwiller, the cancer center's coordinator.

The outdoor space is an example of making healthy options accessible and encouraging everyone to do something for their mind, body or soul, she said.



Thorsen