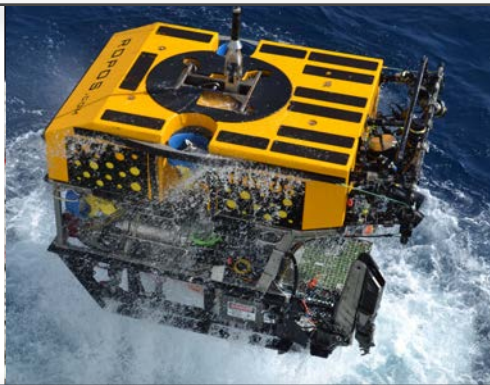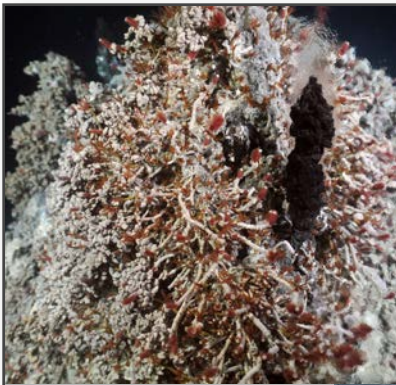# VISIONS'14
Ocean Expedition
Student Participation
July 13 - Oct 3, 2014
OCEAN 411

Interested in participating in a major oceanographic expedition?

We are looking for students interested in the UW Sea-Going Research and Discovery course (OCEAN 411). This at-sea course will provide you direct participation on a global-class research ship using a state-of the-art underwater robotic vehicle (ROV). The expedition will take place July 13 to October 3 aboard the 274-foot R/V *Thomas G. Thompson* and will utilize the ROV *ROPOS*. We will be working at depths of up to 9000 ft beneath the ocean's surface and at sites that include methane seeps off the Oregon margin; Axial Seamount (the largest and most active submarine volcano off our coast); and active hydrothermal vents hosting novel animal and microbial communities. There are no prerequisites for this class - it is open to all students.

During the two- to four-week time periods at sea, you will work alongside experienced scientists, engineers, and ship's crew members to gain at-sea research and sea-going experience using advanced oceanographic research instruments and vehicles. You will conduct your own research projects using data collected with some of these tools. The course will emphasize the importance of science communication during your time at sea, and you will present your results to the public.

As a member of this oceanographic expedition and class, you will be taking part in the installation of America's first high-power and high-bandwidth regional cabled ocean observatory, the Regional Scale Nodes (RSN)(www.interactiveoceans.washington.edu). With funding from the National Science Foundation, the University of Washington is leading the design, installation, and early operations of this observatory. You will be participating in a truly groundbreaking effort to transform the kind of science and exploration that we can do in the world's oceans.

APPLY FOR VISIONS'14 at http://www.interactiveoceans.washington.edu/

Submit application via email by **March 7, 2014** to Dr. Deb Kelley (dskelley@uw.edu)
or drop off at Rm 261, Ocean Teaching Building