

CA B-WET FY16: Santa Barbara Channel Bay Watershed

GRANT RECIPIENT	PROJECT DESCRIPTION	FUNDED AMOUNT
University of CA Santa Barbara (Student)	<p>“Oceans-to-Classrooms Watershed Education and Training Program” – This Oceans-to-Classrooms Watershed Education and Training Project consists of two main activities: 1) a five-day, 40-hour professional development workshop for teachers from the Santa Barbara Unified School District, and 2) three meaningful watershed educational experiences for the students of these teachers during the school year. This project will train and support 22 6th grade teachers and their 700 students in watershed and coastal marine science and ocean acidification, and spend \$150 per student from the total project cost.</p>	\$59,968
California State University Channel Islands (Student)	<p>“Crossing the Channel: An Inquiry Based Expedition” – This year long project builds upon existing interdisciplinary and collaborative projects to cultivate a new community of Channel Islands stewards and transform the learning experiences of local students by building a collaborative professional network of local resources. College undergrads doing their senior capstone from Environmental Science and Resource Management and Biology will mentor younger students as they investigate, collect, and map watershed characteristics of area, topography, vegetation, and land-use of the Ventura River and Santa Clara River watersheds on the mainland and Water NOAA California Bay Watershed Education and Training Program Canyon on Santa Rosa Island. Students will use LiMPETS monitoring protocols for a long term intertidal monitoring project which includes historical data and their new data to examine connections between mainland and island intertidal habitats. Students and faculty will perform research upon the RV Searwater examining water quality using ROVs.</p>	\$59,908
Santa Barbara Unified School District (PD)	<p>“Connecting the Next Generation Science Standards to the natural laboratory of the Santa Barbara Channel and its watershed to provide meaningful training for teachers in climate change.” - Santa Barbara Unified School District will build on work already underway that recognizes that California's adoption of the NGSS ushers in a new paradigm of context-rich student centered science education. As such, professional development for teachers must also shift. This project will increase the capacity of SBUSD teachers to become capable teachers of NGSS.</p>	\$59,401
MERITO Foundation (Student)	<p>“Energy Efficiency to Mitigate Climate Change and Ocean Acidification”- The goal of this project proposal is to provide high quality ocean, climate and energy literacy programming that is integrated into public education for students. This will result in informed and engaged young people who will actively mitigate ocean acidification.</p>	\$49,900