

Students Spend Spring Break Doing Coral Research

Coelho's experiment will last a month, ending in April. Throughout this time, eight sophomores are responsible for taking care of the corals daily and collecting all the data for the experiment under Dr. Coelho's supervision.

[CLICK HERE](#) to read the Marin Independent Journal story on Dr. Coelho about her work. Coelho's research is focused on preventing bleaching through shading in coral species commonly found in the Indo-Pacific. The work underway at Dominican is a product of a grant originally funded by the National Oceanic and Atmospheric Administration (NOAA).

Coelho, Associate Professor of Biology in [Dominican's Department of Natural Sciences and Mathematics](#), has led several projects in American Samoa in the South Pacific. One project, in 2010, was on the main island of Tutuila where the research team worked with the Department of Marine and Wildlife Resources to conduct studies in shading in a natural lagoon and its impact on coral. The other project, in 2011, was a field experiment with the National Park Service on the island of Ofu, researching the effect of light intensity in corals found in a shallow reef while manipulating temperatures in tanks with fresh seawater in shaded and un-shaded conditions. Coelho is in the process of analyzing and submitting the data to academic journals.

To read more about Dr. Coelho and her research, please visit:

<http://www.dominican.edu/press/profiles-of-dominican/dr-vania-coelho>

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