



# Australian and New Zealand IODP Consortium



## IODP SCHOOL OF ROCK

Subic Bay to Townsville, 2017

**When:** July 10-27 2017

**Where:** On board the *JOIDES Resolution* while transiting from Subic Bay, Philippines to Townsville, Australia

**Who:** One secondary-level educator and one early career scientist based in Australia

**Cost:** ANZIC will transfer participants to and from the ship and there are no onboard costs

**What:** A special hybrid workshop on IODP scientific ocean drilling with the goals of:

- encouraging early career scientists and secondary-level educators to participate.
- showcasing and educating about JR/IODP capabilities.
- increasing the diversity of the talent pool that may apply to sail on IODP and related expeditions in the future.
- building a diverse mentoring pool for undergraduate STEM/geoscience students.
- creating local partnerships to bolster the STEM/geoscience pipeline.

During the 14 day School of Rock workshop, educators and researchers have daily opportunities to conduct geological, physical and/or chemical analyses of sediment and hard-rock cores in laboratories on the ship. Scientists who specialize in IODP research instruct participants on topics such as seafloor spreading, mid-ocean ridges, composition and structure of the oceanic crust, paleomagnetism, paleoceanography, biostratigraphy, sedimentology, hydrogeology, and methods for sampling the subseafloor environment. The workshop also provides educators with time to brainstorm and begin planning classroom activities based on their research and newly acquired knowledge.

**Application deadline: April 7, 2017**

Contact the ANZIC Office on [iodp.administrator@anu.edu.au](mailto:iodp.administrator@anu.edu.au) for more information