



ARCS Foundation Honolulu Chapter invites you to a pauhana talk and tour by

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Fascinating Creatures Just Now Being Discovered in the Deep Sea

NOAA ship *Okeanos Explorer's* 2015 arrival in the Pacific has produced amazing imagery of bizarre and sometimes gigantic animals never seen before. The ship deploys a 6,000-meter-capable ROV (Remotely Operated Vehicle) with one of the best HD camera systems in the world, allowing scientists and the public to see and appreciate life forms adapted to living under extreme pressure, freezing temperatures and total darkness. We call such animals "extremophiles." Yet the deep sea conditions we consider to be so harsh represent more than 70% of the world's surface, so the argument can be made that the deep sea is "normal earth," and we