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**December 14th 2017: Ocean science with diving
honey bear and bathythermo-duck**

Rob Moir talks to Don Blair, a physicist at the Center for Civic Media in Somerville, and Kyle Neumann, a marine science PhD student at UCSB, about an ingenious device that measures salinity and changes in temperature and depth to find the thermocline, the boundary between water masses. While aboard the RV Nautilus in the Pacific, Don created a small circuit board that fits into a honey bear squeeze bottle to measure water temperature with depth. They added mineral oil and fitted a rubber glove on top for the changing pressure. It dove successfully to 1,000 feet. Don is enlarging with a salini

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Featured Guests

Guest Image

Don Blair

Don Blair is a physicist at the Center for Civic Media at the Artisan's Asylum, Somerville, MA

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Guest Image

Kyle Neumann

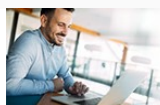
Kyle Neumann is a marine science Ph.D. student at UC Santa Barbara.

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