

NEWS UPDATE

May 4, 2009 – May 08, 2009

OFF-SHORE DRILL LAUNCHES AFTER TWO DECADES

www.dailytarqum.com

05/03/2009

Although global warming has drawn many concerns throughout the past few years, University Professors Greg Mountain and Ken Miller of the Earth and Planetary Sciences Department were not able to do anything about it — until now. Mountain and Miller launched the New Jersey Shallow Shelf Expedition Thursday, a research project designed to conduct coring operations in the New Jersey continental shelf and collect geological sediments to understand the causes and effects of sea level change. The project was first proposed in 1990 by the two professors and took 20 years of planning and 4 years in implementation to coordinate it, said Miller, chair of the Earth and Planetary Sciences Department and co-chief of more than 21 drill expeditions. The **Integrated Ocean Drilling Program** and the International Continental Drilling Program sponsored the project and recruited a team of 23 international scientists, he said. They chose to drill the New Jersey continental shelf, which is 30 miles due east of Long Beach Island, to better understand the record of sea level changes. To read the full article, click [here](#).

RE-DEDICATION OF RESEARCH SHIP "JOIDES RESOLUTION" SET FOR MAY 6 IN HAWAII

US Fed News, Kbtnews.com

05/05/2009

Numerous government and scientific leaders will be present at 10 a.m. local time Wednesday (May 6) at Pier 2 in Honolulu Harbor as the **Integrated Ocean Drilling Program (IODP)** celebrates the return of the "JOIDES Resolution," one of the world's premier research vessels, to scientific ocean drilling following its \$115 million overhaul. The ship is operated by Texas A&M University for the IODP. Representatives from the National Science Foundation, including Director Arden Bement, IODP member countries, the University of Hawaii and local community and business leaders will attend the re-dedication event of the ship, which has been on a research expedition in the equatorial Pacific. Tours of the 470-foot-long ship will be given following the opening remarks. To read the full article, click [here](#).

AT THE BOTTOM OF THE SEAS: FILES

Lesoir.be

05/05/2009

Translated from original French version

One surprising ship with three legs is scheduled go back in time. *Kayd* is not like the other ships. This ship is equipped with three gigantic legs, which elevate it towards the sky. Its feet stand in water "to work" on the sea-bed, or to rest on it. Off the American coasts, its mission is limpid: to go back in time a few million years. Impossible mission? Not for the researchers of the **IODP** and its associated programs. For more than ten years, the **IODP (Integrated Ocean Drilling Program)**, the international program of oceanic drilling, has conducted multiple campaigns for, precisely, knowing more about the past climate of planet. For three months, the researchers journey with one another on *Kayd*, off the New Jersey, will probe the American continental shelf and will dig in its sediments. To read the full article, click [here](#).

NATIONAL OCEANOGRAPHY CENTRE: EARTH'S CLIMATE AND OCEAN ACIDIFICATION HISTORY

M2 Press Wire

05/06/2009

A scientific research cruise following the palaeo-equator has uncovered nearly 53 million years of climate and ocean acidification history. Three scientists from the National Oceanography Centre, Southampton were onboard. The **Integrated Ocean Drilling Program** drillship *JOIDES Resolution* has returned to Honolulu after a two-month voyage to chart the detailed climate history of the Earth. This was the first of two voyages of the 'Pacific Equatorial Age Transect' project, and the first international scientific drilling expedition since the *JOIDES Resolution* underwent a multi-year, more than \$ 100-million transformation into a 21st century floating science laboratory. Onboard were 29 scientists from seven nations, 25 technicians, and an international crew of 66. To read the full article, click [here](#).

A RESEARCH EXPEDITION BEGINS TO WRAP

Scientific American Blog

05/07/2009

Editor's Note: Peggy Delaney is sailing on a newly refurbished research vessel, the JOIDES Resolution, that left Honolulu on March 10 with an international group of researchers on board. The ship, supported by the U.S. National Science Foundation, conducts scientific investigations beneath the seafloor by drilling the ocean floor and retrieving long "cores" of mud for testing and data collection. This is her sixth blog post. To see all her posts, see "60 Seconds in the Mid-Pacific."

I just came back inside from watching the rig floor crew trip pipe—that is, go through the process of extracting the over four kilometers (2.5 miles) of drill string that hung beneath the ship as we drilled the final hole at the final site (U1336B, for those keeping score). The last core came on deck around 2 A.M. last night. The scientists who were awake gathered on the catwalk to watch the process of receiving, labeling and sectioning the core one more time. The co-chief scientists, Heiko Pälike and Hiroshi Nishi, congratulated trig floor crew for a successful operation. So begins the end. To read the full article, click [here](#).

SCIENCE FAIR DELIVERS KNOWLEDGE, FUN FOR YOUTH

Argus Observer

05/11/2009

Malheur County is a long way from the ocean, but local children and their parents secured the opportunity Saturday to learn about the sea without leaving the area as two professors from Oregon State University and some helpers delivered a special presentation. Robert Collier, professor of marine geochemistry and Marta Torres, professor of oceanography provided their Family Oceans Science Fair at the Treasure Valley Community College gymnasium Saturday morning. The fair featured various aspects of the ocean from water to geology and what lives in the ocean. Topics included ocean drilling, sedimentation, water density and micro-organisms. Besides OSU and TVCC, sponsors included Worksource Oregon, the SMILE program, Sea Grant Oregon, Deep Earth Academy, Consortium for Ocean Leadership and the **Integrated Ocean Drilling Program** and the National Oceanic and Atmospheric Administration. To read the full article, click [here](#).

UN OCÉAN DE SECRETS DANS LES FONDS MARINS

Le Devoir.com

05/02/2009

Il y a 60 ans à peine, ils étaient méconnus et leur inaccessibilité contribuait à entretenir le mystère. Grâce à un ambitieux programme international de forages océaniques, les fonds marins révèlent peu à peu leurs nombreuses richesses. En effet, ils recèlent de nouvelles formes d'énergie fossile qu'il sera peut-être possible d'exploiter un jour, des archives du climat passé qui nous aideront à prévoir celui qui prévaudra à l'avenir, ainsi que des indices pour la prédiction des séismes. To read the full article, click [here](#).