



Get ready for C-DEBI! Many exciting things to come later this year when our NSF Science and Technology Center for Dark Energy Biosphere Investigations launches. Stay tuned!

GRADUATE STUDENT EDUCATION EXCHANGE PROGRAM

The DEBI RCN funds graduate student exchanges to facilitate collaborations among deep biosphere research groups, with the end goal of *building and educating the community*. Student exchanges will 1) establish direct links between - two groups or labs; 2) expand the students' scientific toolbox within this diverse and interdisciplinary field; and 3) build a well-connected future community of deep-biosphere researchers and leaders. Students will spend 1-6 months in a participating RCN host lab to carry out key experiments, use specialized analytical equipment, learn new modeling approaches, or join a research cruise – research activities that may be prohibitively difficult or impossible at their home institutions.

Between 2-4 awards of \$1-3K each will be granted annually. Students are required to leverage 50% of the total cost from matching funds. The next review deadline is September 1, 2010. See application guidelines at: <http://www.darkenergybiosphere.org/opportunities/exchange.html>.

APPLY TO SAIL: CHIKYU EXPEDITIONS ACCEPTING APPLICATIONS

The Integrated Ocean Drilling Program is currently accepting applications for three expeditions on the Chikyu. U.S.-affiliated scientists interested in participating in these expeditions should apply to sail through the U.S. Science Support Program of the Consortium for Ocean Leadership. For more information and to apply, please visit: <http://www.oceanleadership.org/programs-and-partnerships/ussp/expedition-participation>



2009 DEBI RCN MEETING: SUBSEAFLOOR OCEAN BIOSPHERE AND BOREHOLE OBSERVATORY SCIENCE

Our first RCN meeting focused on various aspects of Circulation Obviation Retrofit Kit (CORK) subseafloor observatories from history and design to operation and modification to future directions. If you missed it, find the summary report and more at the meeting website: www.darkenergybiosphere.org/meetings/2009.html

NEXT DEBI RCN MEETING: MICROBIOLOGY IN MARINE SEDIMENTS, MARCH 6-9, 2011

The theme of the next RCN meeting is Microbiology in Marine Sediments. The application of novel culture-independent and culture-dependent microbiological methods to marine sediments and their pore fluids will be addressed in plenaries and discussion as well as in a hands-on training workshop. The meeting will be hosted at the University of North Carolina and organized by Andreas Teske (chair, UNC), Jen Biddle (U Delaware) and Matt Schrenk (ECU). Details forthcoming at: <http://www.darkenergybiosphere.org/meetings/2011.html>.

OTHER UPCOMING EVENTS**UNOLS Expedition:**

Juan de Fuca Microbial Ecology Observatories

June 13 - July 1, 2010

IODP Expedition 327:

Juan de Fuca Ridge-Flank Hydrogeology

July 5 - September 4, 2010

International Society for Microbial Ecology (ISME)

Symposium, August 22-27, 2010

Seattle, Washington, USA

Microbial Single Cell Genomics Workshop

Redefining Microbial Genomics: The Power of
Sequencing Individual Cells

September 19-24, 2010

Boothbay Harbor, Maine, USA

IODP Expedition 329:

South Pacific Gyre Microbiology

October 6 - December 7, 2010

Find links to these events on our calendar:

www.darkenergybiosphere.org/resources/calendar.html

WHO WE ARE

DEBI is a National Science Foundation (NSF)-funded Research Coordination Network that exists to help coordinate and support deep biosphere research, and to aid in the transfer of information regarding the deep biosphere's role in the global Earth system. DEBI is co-directed by Katrina Edwards (University of Southern California) and Jan Amend (Washington University in Saint Louis). Contact us at: info@darkenergybiosphere.org.

Our international membership presently includes almost 200 members from 11 countries. DEBI is an open group – join our mailing list today at: <http://www.darkenergybiosphere.org/participants/mailling.html>.