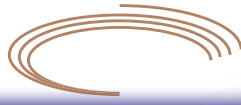


GEOBIOLOGY 2003

AGOURON
INSTITUTE



AN INTERNATIONAL TRAINING COURSE IN A RAPIDLY EVOLVING FIELD
OFFERED BY THE USC WRIGLEY INSTITUTE
SPONSORED BY THE AGOURON INSTITUTE



*Open to students and researchers at the graduate,
postgraduate and professorial level*

JUNE 12-JULY 25, 2003

USC Wrigley Marine Science Center
Catalina Island, California



An intensive course on the interaction between microorganisms and the environment and how these interactions have shaped the evolution of the earth. Participants get hands-on experience in research methods in geobiology and participate in on-site research groups solving current questions relevant to the field. Themes will include: (1) Bio-mineralization: Records from Yellowstone Hot Springs and rocks from the Belt Supergroup: How does microbial-mineral interaction leave an imprint in the rock record? (2) Early chemistry and the evolution of metabolism, and (3) Geochemical cycles, microbial interactions in oceanic environments; sediments and the water column.

The course, co-directed by Kurt Hanselmann and Will Berelson, is limited to 20 participants and will be held at the University of Southern California's Wrigley Marine Science Center on beautiful Catalina Island, just offshore of Los Angeles. More than a dozen leading faculty co-teach the course including: A. Knoll, J. Grotzinger, S. Benner, K. Nealson, D. Newman, D. Karl, K. Hanselmann, W. Berelson, C. Martens, B. Bebout, T. Schmidt and S. Dawson.

The course includes a field trip to Yellowstone National Park, a short research cruise and three public symposia.

Applications must be submitted by February 15.

For more information and on-line applications, please see

<http://wrigley.usc.edu/geobiology> or contact

Geobiology Course Committee, c/o Ann Close

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