

Geobiology

The Agouron Institute announces

The International Geobiology Summer Course

July 6 - August 16, 2002

Catalina Island, California

Geobiology is an emerging, interdisciplinary field at the boundary between the life and earth sciences. It builds on the interfaces between biogeochemistry, mineralogy, microbiology, molecular biology, evolution, paleontology and more. Internationally-recognized scientists will teach an intensive laboratory, lecture and field course on this topic to selected graduate students, postdoctoral scholars and interested scientists. Additional scientists will be invited to participate in three weekend symposia. Participants will be exposed to an in-depth treatment of how biology interacts with the environment and how these interactions have shaped the evolution of the earth. Themes will include:

Early Biomolecular Chemistry:

S. Benner, U. Florida and A. Ellington, U. Texas

Earth History:

J. Grotzinger, MIT and A. Knoll, Harvard

Earth Systems:

B. Bebout and D. Des Marais, Ames Res. Center; J. Kastings, Penn State U; W. Berelson, USC

Physiological Diversity of Microbes:

K. Hanselmann, U. Zurich; D. Newmann, Caltech; K. Nealson, USC

Microbial Evolutionary Ecology:

G. Olsen, U. Illinois and T. Schmidt, Michigan State Univ.

The course, co-directed by Dr. Kurt Hanselmann and Dr. Will Berelson, is limited to 20 participants. Substantial financial aid is available from the Agouron Institute to help cover participant's costs for the course, including instruction, transportation, housing and food. The course will be held at the University of Southern California's Wrigley Marine Science Center on beautiful Catalina Island, just offshore of Los Angeles. Applications must be submitted by March 31, 2002 for full consideration for financial aid. After this date, students will be accepted on a space available basis.

For online applications and more information, please see

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

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