

OUR CHANGING SEAS

A VOYAGE TO AN EARTH THAT NO ONE HAS SEEN BEFORE...

Warm

Cold

MARCH 22 | 5:30PM | \$5 DONATION REQUESTED

The study of climate change through Earth history has produced a wealth of information on the operation of the ocean-atmosphere system during climate transitions as well as the feedbacks that impact the magnitude and rate of climate change on the planet. Although the understanding of the science of climate is built on a firm foundation, much confusion exists regarding the potential and rate of change in the modern world. In this talk, Dr. Howard Spero will explore the basic science of the Earth's climate system and examine the natural cycles of climate change in Earth history that have been discovered through the study of glacial ice sheets and deep ocean cores. Utilizing the lessons learned these studies, Dr. Spero will attempt to demystify the realities of phenomena such as ocean (and Lake Tahoe) acidification and the potential for a warmer Earth in the not too distant future.

DR. HOWARD SPERO

Dr. Spero is a Professor and the current Chairman in the Department of Geology at UC Davis. He currently studies the mechanisms of climate change during glacial cycles and their effects on ocean chemistry and circulation throughout Earth history. He has degrees in Biology and Oceanography from UC Santa Barbara and Texas A&M University; and is a Fellow of the Geological Society of America and the California Academy of Sciences. Spero has published more than 100 papers in peer-reviewed scientific journals. He teaches courses on paleoclimatology, geochemistry, and oceanography at UC Davis.



NO-HOST BAR OPENS AT 5:30PM | PROGRAM BEGINS AT 6PM
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