

JOI/USSAC  
Distinguished Lecturer Series  
1992

**CENOZOIC CLIMATE CHANGE: PALEOCEANOGRAPHY AND  
EVENT STRATIGRAPHY**

Dr. James Kennett, U. of California, Santa Barbara

Dr. Kennett has had a long association with deep sea drilling, having first participated in DSDP as a paleontologist in 1971. He has served as Co-Chief Scientist on three expeditions, all in the Southern Hemisphere, from the tropics to Antarctica. This involvement led to his role in the development of the field of paleoceanography. As a marine geologist his interests range from paleoclimatology and paleoceanography to stratigraphy, paleobiology, and stable isotope geochemistry. His main preoccupation is in helping to understand the development of the global environment during the Cenozoic and its influence on biotic evolution. His lecture will focus on the fundamental role that climate change and cryospheric development in the polar regions have played in Cenozoic stratigraphy. Dr. Kennett has served on numerous advisory panels related to ocean drilling and is the author of 160 papers and several books, including the college textbook, *Marine Geology*.