

JOI/USSAC
Distinguished Lecturer Series
1992

**THE CRETACEOUS THROUGH CENOZOIC HISTORY OF THE
ATOLLS AND GUYOTS OF THE WEST CENTRAL PACIFIC**

Dr. Janet Haggerty, University of Tulsa

Dr. Haggerty has extensive experience with both Deep Sea Drilling Project (DSDP) and ODP expeditions, serving as a shipboard scientist on DSDP Legs 89 (East Mariana Basin) and 93 (Western Atlantic Passive Margin) and ODP Legs 103 (Galicia Margin) and 125 (Bonin-Mariana Arc Trench System). She is a carbonate petrologist who has worked in a variety of tectonic environments ranging from mid-plate regions to both active and passive margins. Her research interests focus on marine tectonic problems, especially vertical tectonics, by determining depositional environments and subsequent diagenetic history. Using examples from upcoming ODP Leg 144 (Atolls and Guyots), Dr. Haggerty will discuss the origin and evolution of the western Pacific atolls and guyots. Dr. Haggerty will serve as Co-Chief Scientist for this leg, which is designed to address a number of important questions including Cretaceous through Cenozoic sea level fluctuations and the causes and timing of carbonate platform drowning – a global phenomenon.