



THE CALVERT CLIFFS CONUNDRUM

EXPLORING
PALEONTOLOGY,
THE ENVIRONMENT,
& MARITIME
HISTORY

This PEM Talks series is funded by Bob & Betty Currie with additional support from Solomons Holiday Inn



Saturday, September 18, 2:30 pm
Dr. Susan Kidwell will present *Begin at the Beginning: The Geology and Paleoenvironmental History of Calvert Cliffs*. Dr. Kidwell is the William Rainey Harper Professor at the University of Chicago. Her primary research focus at present is the new field of conservation paleobiology, which uses very young fossil records to evaluate the human footprint in coastal ecosystems. The Miocene strata of Calvert Cliffs, where she started her research career, nonetheless remains a favorite field area for geological research and teaching on the formation of marine sedimentary records.

Thursday, October 21, 7:00 pm
Dr. Stephen Godfrey will present *Uncovering the Past: The Paleontology of Calvert Cliffs*. Dr. Godfrey is the curator for paleontology

at the Calvert Marine Museum, and one of the foremost researchers on Miocene marine fossils. His many publications focus primarily on the diversity of dolphins from Calvert Cliffs and what they tell us about the origin and

evolution of the living families of these amazing marine mammals.

Saturday, November 13, 2:30 pm
Mr. Jeff Halka will present *The Inexorable Slide: Current Rates of Erosion of Calvert Cliffs*. Mr. Halka is the acting director and state geologist with the Maryland Geological Survey. His research interests center on deciphering the Quaternary history of the Chesapeake Bay, and determining how the present distribution and characteristics of surficial sediments are both related to and influenced by that history. He also works to apply his knowledge of sediment processes to research and management questions concerning the health and restoration of the Chesapeake Bay.

Thursday, January 20, 7:00 pm
Dr. Ralph Eshelman will present *Who Cares? The Human Perspective on the Calvert Cliffs*. Dr. Eshelman, the first director of the Calvert Marine Museum, has published and lectured extensively on a wide variety of topics. A specialist in maritime history, War of 1812, polar exploration, vertebrate paleontology, and cultural resource management, Dr. Eshelman is also deeply interested in the Calvert Cliffs formation and the interaction of humans and environment this represents.



Saturday, February 5, 2:30 pm
Dr. Michael Fenster and Dr. Barry Knisley will present *Tigers in the Cliffs: The Role of Calvert Cliffs as an Ecosystem for the Endangered Puritan Tiger Beetle*. Dr. Michael S. Fenster is professor and chair of the environmental studies program at Randolph-Macon College in Virginia and specializes in coastal, estuarine and

nearshore dynamics. Dr. Barry Knisley is a professor of biology at Randolph Macon and has done extensive research on the Puritan tiger beetle.



JTT Photography

Thursday, March 10, 7:00 pm
Dr. Doug Samson will present *Shifting Shoreline: The Complex Case of Cove Point Marsh*. Dr. Samson is the senior scientist with the Maryland/DC Chapter of The Nature Conservancy and a member of the Science Advisory Group for the Cove Point Natural Heritage Trust. The Conservancy has held a conservation easement on 600 acres of land owned by Dominion LNG at Cove Point, including the 150 acre Cove Point Marsh, since 1993.

In the Museum
Auditorium
FREE

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