COLLEGE OF WILLIAM AND MARY
Curriculum Vita Standard Format
(Short Version)

PERSONAL INFORMATION

Name:	Steven A. Kuehl	Date: February, 2015
Office Address:	School of Marine Science, Virginia Institute of Marine Science, College of William and Mary, Gloucester Point, VA 23062 Phone: 804/684-7118 Fax: 804/684-7250 e-mail: kuehl@vims.edu	
Home Address:	2160 Heron Haven La., Hayes, VA 23072 Phone: 757-784-7705	
Position:	Professor, Department of Physical Sciences	

EDUCATION

Ph.D.- 1985, North Carolina State University, Geological Oceanography
M.S. - 1982, North Carolina State University, Geological Oceanography
B.A. - 1979, Lafayette College, Geology

ACADEMIC POSITIONS

1996 - Present	**Professor (Chair, Department of Physical Sciences, July 1997-July 2002)**, School of Marine Science, Virginia Institute of Marine Science, College of William and Mary
1993 - 1996	**Associate Professor**, School of Marine Science, Virginia Institute of Marine Science, College of William and Mary
1991-1993	**Graduate Director**, Department of Geological Sciences, University of South Carolina
Summer 1991	**Summer Faculty**, NASA Space Technology Laboratory, Stennis Space Center
1990-1993	**Associate Professor**, Department of Geological Sciences, University of South Carolina
Summer 1990	**Summer Faculty**, NASA Space Technology Laboratory, Stennis Space Center
1985-1990	**Assistant Professor**, Department of Geological Sciences, University of South Carolina

HONORS, PRIZES AND AWARDS

2010 **Plumeri Award for Faculty Excellence**, College of William and Mary

2009 **Dean's Prize for Advancement of Women in Marine Science**, Virginia Institute of Marine Science

1997 **VIMS/SMS Outstanding Teacher Award**, Virginia Institute of Marine Science

Research Interests

Primary research in my Sediment Geochronology and Seabed Processes group centers on sediment dispersal and the accumulation of fine-grained sediments in continental margin environments. The formation of marine sedimentary strata rarely results from the simple settling of sedimentary material to the sea floor, but rather from the complex interaction of physical, chemical, and biological processes operating in the marine environment. These processes, such as resuspension and biological mixing, impart characteristic signatures to the sediment and control the burial and preservation of important sedimentary components such as organic carbon and anthropogenic materials. We are investigating the characteristics of recent sedimentary strata on spatial scales ranging from less than a mm to 100's of meters and on temporal scales from seconds to 1,000's of years in a variety of continental margin environments. In addition to projects currently being carried out in Chesapeake Bay, I am also focused on sediment dispersal from tectonically active continental margins where high sediment yields and the presence of tectonically deformed or glacially scoured depocenters allow thigh sedimentary sequences to be preserved. Areas such as the North Island, New Zealand and South Central Alaska, USA., offer a high-resolution source-to-sink record of Earth history.

Current and Recent Projects

"Hurricane Sandy Coastal Recovery and Resiliency Resource Identification, Delineation and Management Practices", Funded by BOEM.

"Sediment Delivery and Dispersal from the River, Alaska, Following Record Snowfall: Implications for Future Climate Change?", Funded by NSF-MGG.

"A Real-Time and Rapid Response Benthic Observing System for the Study of Physical and Biological Controls on Muddy Seabed Deposition" (Lead PI Friedrichs, with Harris, McNinch, Schaffner and Diaz). Funded by NSF-OCE.

"Extension of Sediment Geochronology to Coarse-Grained Sediments". Funded by ONR.

"Resolution of the Stratigraphic Record for a High Input, Collision-Margin Shelf Basin: The MARGINS Waipaoa Focus Area". Funded by NSF-MGG.

"Sediment Dispersal off a High-Yield River: Observations and Modeling of Gravity-Driven Transport and Deposition." (Lead PI Kuehl, with Friedrichs, Harris, McNinch and Wright). Funded by NSF-OCE.