

Biographical Sketch Steven R. Emerson

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Date of Birth: 19 November, 1947
Citizenship: U.S.

Education

B.S., 1969, (Cum Laude) College of Wooster, Wooster, Ohio
Ph.D., 1974, Columbia University, New York
(Geochemistry, Oceanography, Environmental Sciences)
Postdoctoral Research, Swiss Federal Institute of Technology, Zurich,
Switzerland
1974-1976

Employment

1986-present Professor, School of Oceanography, UW
1982-1986 Associate Professor, School of Oceanography, UW
1980-1982 Assistant Professor, School of Oceanography, UW
1976-1979 Research Assistant Professor, School of Oceanography, UW

Research Interests

Organic carbon dynamics at the deep sea sediment water interface; calcium carbonate preservation in the sea; sediment pore water chemistry and sediment-sea water chemical exchange; cycling of metabolic gases and isotopes in the ocean surface waters; air-water CO₂ transfer in aquatic systems; the effect of anoxic conditions on solubility of metals in seawater.

Collaborators (not at U.W.) During Past 48 Months

Ariel Anbar, University of Rochester
Craig McNeil, University of Rhode Island
Bruce Johnson, Dalhousie University
David Archer, University of Chicago
Dave Karl, University of Hawaii
Jennifer Morford, Woods Hole Oceanographic Institution
Nicolas Caillon, LSCE, Saclay, France
James Orr, LSCE, Saclay, France

Graduate and Postdoctoral Advisors

W. S. Broecker, Ph.D. advisor
Werner Stumm, Post Doctoral advisor.