

## VITA

Seelye Martin

Date and place of Birth: 22 September 1940, Northampton, MA

Title: Professor (without tenure)

University of Washington

School of Oceanography

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## EDUCATION:

B.A., 1962, Harvard College, Cambridge, Massachusetts (Physics)

Ph.D., 1967, Johns Hopkins University, Baltimore, Maryland (Engineering  
Mechanics)

Dissertation: "The slow motion of a finite flat plate through a viscous stratified fluid"

## EXPERIENCE:

1964 – 1966 Teaching Assistant, Johns Hopkins University, Baltimore, MD.

1966 - 1968 Research Associate, Department of Meteorology,  
Massachusetts Institute of Technology, Cambridge, MA.

1969 - 1974 Research Assistant Professor, Department of Oceanography,  
University of Washington (UW), Seattle, WA.

1974 - 1979 Research Associate Professor, Department of Oceanography  
(UW).

1979 (Summer) Guest Investigator, Woods Hole Oceanographic Institution.

1979 - 1989 Research Professor, School of Oceanography, UW.

1989 - present Professor without tenure (W.O.T.), School of Oceanography;  
Principal Oceanographer, Applied Physics Laboratory, UW.

Aug 93- Mar 94 Visiting Professor, Arctic Environmental Research Center,  
National Institute for Polar Research, Tokyo, Japan.

PhD Students: Edward Josberger, Karl Newyear.

Masters Students: Lars Eide, Lon Hachmeister, Terrance Niedrauer, Mike Alfultis, Jane  
Bauer, Sean Schenk.

## FIELD WORK

Numerous trips by ship and helicopter to the Arctic Ocean, Bering and Chukchi Seas, 1974-1989.

Organizer of MIZEX West (Marginal Ice Zone Study West, Bering Sea winter field study, 1984)

## NATIONAL AND INTERNATIONAL COMMITTEES

Member, Shuttle Imaging Radar-B Sea Ice Working Group, 1984-87.

Member, Arctic Ocean Science Board (National Research Council), 1984-87.

Member, EOS satellite planning committee, 1984-1988, and chairman of the science applications writing sub-group.

Member, UCAR Steering Committee for the Office of Interdisciplinary Earth Studies, 1988-90.

Member, RADARSAT Geophysical Processor advisory panel, 1994- 1997.

Member, PICES (Pacific International Committee for the Exploration of the Sea) Working Group-10 on the Okhotsk Sea, 1995-2000.

Member, The Ocean-Atmosphere-Sea Ice-Snowpack (OASIS) Project, 2003-present.

(Because of the work involved in writing my book, I took no committee assignments between 2000-2003.)

REVIEWER: JGR, JPO, JMR. Received distinguished reviewer awards in 1999 from JGR and JPO.

CURRENT RESEARCH INTERESTS: Frost flowers and the interaction of their chemical species with the troposphere, microwave studies of polynyas.