

CSU STANISLAUS

FACULTY

PROFILE

PAMELA ROE

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Department of Biological Sciences
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EDUCATION:

B.A. in Zoology
University of Texas, 1965
M.S. in Zoology
University of Washington, Seattle, 1967
Ph.D. in Zoology
University of Washington, Seattle, 1971

RESEARCH INTERESTS:

Invertebrates, with emphasis on
marine invertebrate
natural history and ecology

PROFESSIONAL AFFILIATIONS:

American Association for the
Advancement of Science, Ecological
Society of America, Society for
Conservation Biology, Society for
Integrative and Comparative Biology,
International Society for Reef Studies,
The American Microscopical Society,
The Biological Society of Washington,
American Society of Naturalists,
Western Society of Naturalists

INTRODUCTION

Dr. Pamela Roe is a Professor of Zoology in the Department of Biological Sciences at California State University, Stanislaus. Her research interests include invertebrates, with emphasis on marine invertebrate natural history and ecology. Her principal areas of expertise are feeding biology, natural history, and ecology of nemertean worms.

CURRENT RESEARCH

Dr. Roe is co-authoring the nemertean chapter for the fourth edition of *Light's Manual: Intertidal Invertebrates of the Central California Coast*. This book includes keys, descriptions, and pictures of the benthic invertebrates of central California's coastline. Also, from the approximately 1,100 specimens of deep sea pelagic nemerteans collected off the coast of California and Hawaii since fall 1992, many specimens have been found that are new species. Dr. Roe is currently studying taxonomic problems concerning several species of *Balaenanimertes* sand specimens that appear to be in species/genera closely related to *Balaenanimertes*.

EXPERIENCE

Lecturer, General Zoology, Bellevue Community College, Bellevue, Washington, 1971.

Acting Instructor in Zoology, University of Washington, 1971.

Assistant Professor-Professor, Biological Sciences, California State University, Stanislaus, 1971-present.

Marine Science Coordinator for the CSU Stanislaus MS Marine Sciences program in conjunction with Moss Landing Marine Laboratories

AWARDS (Selected)

August 1, 1986 - July 31, 1987. Second International Meeting on Nemertean Biology, Sweden, August, 1986. NSF symposium travel grant with Jon Norenburg.

Aug. 4 - Aug. 22, 1997. Short Term Visitor at the Smithsonian Institution to conduct research with Jon Norenburg at the National Museum of Natural History.

California State University, Stanislaus Outstanding Professor award for 2000-2001.

Western Society of Naturalists Naturalist of the Year award, 2001.

PUBLICATIONS (Selected)

Feller, R. J., P. Roe and J. L. Norenburg. 1998. Dietary immunoassay of pelagic nemerteans by use of cross-reacting polyclonal antibodies: preliminary findings. *Hydrobiologia* 365: 263-269.

Roe, P. and J. L. Norenburg. 1998. The pelagic nemertean genus *Balaenanimertes* in the Pacific Ocean. *American Zoologist* 38: 183A (Abstract).

Roe, P. and J. L. Norenburg. 1999. Observations on depth distribution, diversity, and abundance of pelagic nemerteans from the Pacific Ocean off California and Hawaii. *Deep-Sea Research I* 46: 1201-1220.

Roe, P. and J. L. Norenburg. 2001. Morphology and taxonomic distribution of a newly discovered feature, postero-lateral glands, in pelagic nemerteans. *Hydrobiologia* 456: 133-144.

