

CURRICULUM VITAE

Elizabeth (Beth) Anne Horvath

Education:

- May, 1976, Bachelor of Arts, Biology--Westmont College
- August, 1981, Masters of Science, Biology--Cal. State Univ., Long Beach
Dissertation Title: Experiences in Marine Science, an Introductory Text
Additional shorter research projects: Pelagic Snails; Development in Pelagic Tunicates; SEM studies of luminescence in Pelagic Tunicates
- Selected Graduate Level Courses beyond Master's; subjects include--
Channel Island Biology, Deep Sea Biology, Conservation Biology; also field course on the Natural History of the Galapagos Islands

Teaching Experience:

- (Emphasis on: Marine Biology, Invertebrate Zoology, Ecology, Natural History, Zoology)
- Westmont College, 1978-1998, Part time to Full time Instructor
- Santa Barbara City College, 1989-1990, Instructor (Human Anatomy)
- Westmont College, 1998-Present, Assistant Professor
- AuSable—Pacific Rim, on faculty as Assistant Professor, 1998-2006 (still “on call,” per institutional need)
- CCSP-New Zealand, spring, 2010, fall, 2011, fall, 2012 and continuing

Rank:

- First Year at Westmont: Instructor (part-Time), 1978; Full-Time, 1988
- Previous Rank: Instructor of Biology, 1990-1998
- Present Rank: Assistant Professor, 1998-Present
- Addendum: Reviewed/Recommended for promotion to Associate Professor, Fall 2013

Administrative Duties Have Included:

Laboratory Coordinator and oversaw other Laboratory Personnel for Biology Department (prior to full time faculty status); Student Academic Advisor; Standing Committee Work (at least five different committees); Served 4 years on Academic Advisory Board for Creation Care Stewardship Program; Consultant for AuSable marine course curriculum; Practicum Supervisor for all Biology Practicum student experiences; Two-year service--Vice President of Westmont Chapter of Phi Kappa Phi Honor Society; Two-year service--President of the Westmont Chapter of Phi Kappa Phi; Interim Chair of campus Institutional Review Board; Interim member of Academic Senate: Academic Resources Committee; Interim Department Chair (Fall, 2009-Spring, 2010); Advisory Board for Pacific Rim Environmental Institute; Chair of Westmont IRB Committee (2.5 years); authored Biology Department Annual Report (2011-2012); currently serving (Spring, 2013) on Off Campus Programs Committee and Search Committee for the Westmont Director of Global Education position

Research Studies: (Most current listed first)

- Gorgonian Corals of the CA Bight: Taxon reorganization/ecology, 2002-Present, (also as Research Associate for Santa Barbara Museum of Natural History)

- Shell Selectivity of Inter-tidal Hermit Crabs, 1994-Present
- Water Quality of Coastal Waters, 1990-Present
- Management/Conservation Strategies of Wildlife, Kenya, E. Africa, 1989
- Speciation of Galapagos Finches, 1987 (with American Museum. of Nat. History)
- Honeycreeper Bird Count, 1987, Hawaii (with Nature Conservancy of Hawaii)
- Kelp Forest Monitoring Program, 1986-1989, Channel Islands National Park

Professional Memberships have included:

- Western Society of Naturalists
- National Marine Educators Association
- The Nature Conservancy
- The Society for Conservation Biology (current)
- East African Wildlife Society
- Santa Barbara Museum of Natural History (current)
- Biological Society of Washington (current)
- Southern California Association of Marine Invertebrate Taxonomists (current)

Member: Phi Kappa Phi Honor Society, election at CSULB, 1976-Present (Served as Vice President 2003-2005 and as President, of the Westmont College Chapter of PKP, for the years 2005-2007)

Honors and Awards:

- Who's Who of America's Teachers, 2000, 2002, 2005, 2007
- Teacher of the Year, Behavioral and Nat. Sciences, Westmont College, 1999-2000

Community Service:

- Research Associate, Santa Barbara Museum of Natural History (current)
- Naturalist, expeditions-Baja/Sea of Cortez on R/V *Searcher* out of San Diego
- Research Associate, Santa Barbara Museum of Natural History (early '90's)
- Naturalist, Santa Barbara Museum of Natural History, Whale Watch Trips
- Guest Lecturer:
 - SCAMIT Workshops
 - Providence High School, biology courses
 - Santa Barbara City Schools
 - Santa Barbara Malacological Society
 - Westmont College: Origin's Course--Bio. 31
- Lay Reader/Intercessor: Trinity Episcopal Church (for ~13 years and continuing)
- Consultant for following governmental/private agencies (all currently being served):
 - Alaska Fisheries Science Center, NOAA Fisheries, Alaska
 - NOAA, Northwest Fisheries Science Center, Port Orchard, WA
 - Olympic Coast National Marine Sanctuary, WA
 - NOAA, National Marine Fisheries Service, Santa Cruz, CA
 - Monterey Bay Aquarium Research Institute (MBARI), Monterey, CA
 - Research Lab of Dr. Milton Love, UC Santa Barbara, CA
 - Natural History Museum of Los Angeles County, CA
 - Los Angeles County Sanitation District, CA
 - Long Beach Aquarium of the Pacific, CA
 - Orange County Sanitation District, CA

SCAMIT (Southern California Association of Marine Invertebrate Taxonomists)
NOAA, Fisheries Service—Southwest Fisheries Science Center,
La Jolla, CA
Graduate students at Temple University, Philadelphia, PA
NOAA, National Centers for Coastal Ocean Science, Center for
Coastal Environmental Health and Biomolecular
Research, South Carolina
NIWA (National Institute of Water and Atmospheric Research),
Wellington, New Zealand
Laboratorio de Invertebrados Bentonicos, Universidad Nacional
Autonoma de Mexico, Mazatlan

Publications:

--Horvath, E.A. 2011. *An Unusual new "sea fan" from the northeastern Pacific Ocean (Cnidaria: Octocorallia: Gorgoniidae)*. Proceedings of the Biological Society of Washington, 124(1): Pages 45-52.

--Horvath, E.A. 2012. Workshop Powerpoint Presentation: *Taxonomic Issues for some of the California Bight's more "problematic" Gorgonian Genera (Identifying Gorgonian Corals of the California Bight)*. Posted on SCAMIT Website, "Taxonomic Tool Box."

--(To Press) Horvath, E.A. Spring, 2013: *A Taxonomic Atlas of the Gorgonian Corals of the California Bight (based on the Gorgonian Collection, Santa Barbara Museum of Natural History), including descriptions of three new species and reports of several genera not previously reported from the area*. SB Museum of Natural History, 200+ pages.

--In progress: *Description of a new, deep-water species of Gorgonian Coral from the western Aleutian Islands, genus Alaskagorgia* (with Robert Stone, Alaska Fisheries Science Center). (Projected Publication, Spring, 2013)

--In Progress: *Description of a new, deep-water Gorgonian Coral in the genus Leptogorgia from the waters of Olympic Coast National Marine Sanctuary* (with staff of Olympic Coast National Marine Sanctuary). (Projected Publication, Summer, 2013)