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Education:

ScB, Biology, Brown University, 1973

Experience:

2002-present: Research Associate II, Woods Hole Oceanographic Institution, Biology Department
1998-2002: Senior Research Assistant I, Woods Hole Oceanographic Institution, Biology Department
1993-1998: Research Assistant III, Woods Hole Oceanographic Institution, Biology Department
1992-1993: Research Assistant II, Woods Hole Oceanographic Institution, Biology Department
1980 - 1992: Research Assistant, Marine Biological Laboratory

Awards: 1999 Linda Morse-Porteous Award

Field Experience:

December 2006 – Group leader and Alvin dive activities coordinator for cruise to 9-10° N, EPR, studying post-eruption larval dispersal and colonization.

2003 - 2005 – Participant in three cruises to New England and Corner Rise seamounts to study coral populations

May 2000: Group leader for final cruise to the hydrothermal vents on the East Pacific Rise at 9° N to collect vent larvae in the plankton

1995 - 1999: Participant in four cruises to 9° N to collect study larval dispersal and colonization

April 1982: Participant in cruise to vents at 21° N on the EPR to collect frozen tissue samples for electrophoretic analysis

Science outreach:

Science Made Public speaker, July 2005
Science fair judge since 1998, public school volunteer 1995 - present
Invited speaker at Massachusetts Marine Educators meeting, April 2002

Publications:

- 2007 Mills, S.W., L.S. Mullineaux & P.A. Tyler. Habitat associations in gastropod species at East Pacific Rise hydrothermal vents (9°50'N). *Biol. Bull.* 212:185-194.
- 2005 Mullineaux, L.S., S.W. Mills, A. K. Sweetman, A.H. Beaudreau, A. Metaxas, H.L. Hunt. Spatial structure and temporal variation in larval abundance at hydrothermal vents on the East Pacific Rise. *Marine Ecology Progress Series* 293:1-16.
- 2005 Sancho, G., C.R. Fisher, S. Mills, F. Micheli, G.A. Johnson, H.S. Lenihan, C.H. Peterson and L.S. Mullineaux. Selective predation by the zoarcid fish *Thermarces cerberus* at hydrothermal vents. *Deep-Sea Research Part I-Oceanographic Research Papers* 52:837-844.
- 2003 Mullineaux, L.S., C.H. Peterson, F. Micheli and S.W. Mills. Successionary mechanism varies along a gradient in hydrothermal fluid flux at deep-sea vents. *Ecological Monographs*, 73:523-542.
- 2002 Micheli, F., C. H. Peterson, L. S. Mullineaux, C. R. Fisher, S. W. Mills, G. Sancho, G. A. Johnson and H. S. Lenihan. Predation structures communities at deep-sea hydrothermal vents. *Ecological Monographs*, 72:365-382.
- 1999 Dunn, R., L. S. Mullineaux and S. W. Mills. Resuspension of postlarval soft-shell clams *Mya arenaria* through disturbance by the mud snail *Ilyanassa obsoleta*. *Marine Ecology Progress Series* 180:223-232.
- 1999 Mullineaux, L.S., R., Dunn, S.W. Mills, H.L. Hunt and L.K. Gulmann. Biological influences on transport of postlarval soft-shell clams (*Mya arenaria*). In: *Coastal Ocean Processes Symposium: a Tribute to William D. Grant*, Woods Hole Oceanog. Inst. Tech. Rept. WHOI-99-04, pp. 155-162.
- 1998 Mullineaux, L.S., S.W. Mills and E. Goldman. Recruitment variation during a pilot colonization study of hydrothermal vents (9°50'N, East Pacific Rise). *Deep-Sea Research II* 45:441-464.
- 1997 Mullineaux, L.S. and S.W. Mills A test of the larval retention hypothesis in seamount-generated flows. *Deep-Sea Res.* 44:745-770.
- 1992 Grassle, J.P., C.A. Butman & S.W. Mills Active habitat selection by *Capitella* sp. I larvae. II. Multiple-choice experiments in still water and flume flows. *J. Mar. Res.* 50:717-743.
- 1987 Grassle, J.P., C.E. Gelfman & S.W. Mills Karyotypes of *Capitella* sibling species, and of several species in the related genera *Capitellides* and *Capitomastus* (Polychaeta). *Bull. Biol. Soc. Wash.* 7:77-88.