POSITIONS HELD:

Research Assistant, Scripps Institution of Oceanography, 1962-1968
Postdoctoral Fellow, Hopkins Marine Station, Stanford University, 1968-1969
Temporary Assistant Professor, Oregon State University, July-August, 1969
Assistant Scientist, Woods Hole Oceanographic Institution, 1969-1974
Associate Scientist, Woods Hole Oceanographic Institution, 1974-1984
Director, Center for Analysis of Marine Systems (WHOI), January 1983-December 1986
Senior Scientist, Woods Hole Oceanographic Institution, 1984-January 2007
Department Chairman, Biology Department, Woods Hole Oceanographic Institution, 1988-1992
Emeritus Scientist, Woods Hole Oceanographic Institution, May 2007-present

AWARDS AND HONORS:

Awarded the Adams Chair in May 1996
NOAA Earth Day Environmental Hero award, May 1999 (by letter from Vice-President Al Gore)
Inducted into the Northern Arizona University College of Engineering, Forestry, and Natural Sciences Academy of Distinguished Alumni in 2008.

SOCIETIES:

American Association for the Advancement of Science (elected Fellow, May 1984)
American Society for Limnology and Oceanography
Phi Kappa Phi
American Geophysical Union

SELECTED PUBLICATIONS:

l978 Wiebe, P.H. and S. Boyd. Limits of *Nematoscelis megalops* in the Northwestern Atlantic in relation to Gulf Stream cold-core rings. Part I. Horizontal and vertical distributions. J. Mar. Res. 36: ll9-l42.

l978 Haury, L.R., J.A. McGowan, and P.H. Wiebe. Patterns and processes in the time-space scales of plankton distribution. In: Spatial Pattern in Plankton Communities, J.H. Steele (ed.), Plenum Press, New York. pp. 277-327.

l979 Wiebe, P.H., L.P. Madin, L.R. Haury, G.R. Harbison and L.M. Philbin. Diel vertical migration by *Salpa aspera* and the potential for large-scale particulate organic matter transport to the deep-sea. Mar. Biol. 53: 249-255.

1983 Wiebe, P.H. and G.R. Flierl. Euphausiid invasion/dispersal in Gulf Stream cold core rings. Aust. J. Mar. Freshwater Res. 34(4): 625-652.

1985 Wiebe, P.H., A.W. Morton, A.M. Bradley, R.H. Backus, J.E. Craddock, T.J. Cowles, V. A. Barber, and G.R. Flierl. New developments in the MOCNESS, an apparatus for sampling zooplankton and micronekton. Mar. Biol., 87: 313-323.

1985 Wiebe, P.H., G.R. Flierl, C.S. Davis, V. A. Barber, and S.H. Boyd. Macrozooplankton biomass in Gulf Stream warm-core rings: spatial distribution and temporal changes. J. Geophys. Res. 90: 8885-8901.

1990 Wiebe, P.H., C.H. Greene, T. Stanton, and J. Burczynski. Sound scattering by live zooplankton and micronekton: empirical studies with a dual-beam acoustical system. J. Acous. Soc. Amer. 88: 2346-2360.

1991 Miller, C.B., T.J. Cowles, P.H. Wiebe, N.J. Copley, and H. Grigg. Phenology in *Calanus finmarchicus*; hypotheses about control mechanisms. Mar. Ecol. Prog. Ser. 72: 79-91.

1996 Wiebe, P.H., D. Mountain, T.K. Stanton, C. Greene, G. Lough, S. Kaartvedt, J. Dawson, and N. Copley. Acoustical study of the spatial distribution of plankton on Georges Bank and the relation of volume backscattering strength to the taxonomic composition of the plankton. Deep-Sea Research II. 43: 1971-2001.

2002 Bucklin, A., P.H. Wiebe, S. B. Smolenack, N.J. Copley, and M.E. Clarke. Integrated biochemical, molecular genetic, and bioacoustical analysis of mesoscale variability of the euphausiid Nematoscelis difficilis in the California Current. Deep-Sea Research. 49(3): 437-462.

2002 Wiebe, P.H., T.K. Stanton, C.H. Greene, M.C. Benfield, H.M. Sosik, T. Austin, J.D. Warren, and T. Hammar. BIOMAPER II: An integrated instrument platform for coupled biological and physical measurements in coastal and oceanic regimes. IEEE Journal of Oceanic Engineering. 27(3): 700-716.

2003 Wiebe, P.H. and M.C. Benfield. From the Hensen Net toward four-dimensional biological oceanography. Progress in Oceanography. 56(1): 7-136.

2004 Lawson, G.L., P.H. Wiebe, C.J. Ashjian, S.M. Gallager, C.S. Davis, and J.D. Warren. 2004. Acoustically-inferred zooplankton distribution in relation to hydrography west of the Antarctic peninsula. Deep Sea Research II. 51(17-19): 2041-2072.

2006 Madin, L.P., P. Kremer, P.H. Wiebe, J.E. Purcell, E.H. Horgan, D.A. Nemazie. Recurrent swarms of the salp *Salpa aspera* in the Slope Water off the NE United States: vertical migration, grazing, and vertical flux. Deep-Sea Research I 53: 804?819.

2008 Lawson, G.L., P.H. Wiebe, T.K. Stanton, and C.J. Ashjian. Euphausiid distribution along the western Antarctic peninsula - Part A: Development of robust multi-frequency acoustic techniques to identify euphausiid aggregations and quantify euphausiid size, abundance, and biomass. Deep-Sea Research Part II. 55(3-4): 412-431. [DOI: doi:10.1016/j.dsr2.2007.11.010]

2008 Lawson, G.L., P.H. Wiebe, C.J.Ashjian, and T.K. Stanton. Euphausiid distribution along the Western Antarctic Peninsula - Part B: Distribution of euphausiid aggregations and biomass, and associations with environmental features. Deep–Sea Research II. 55(3-4): 432-545.[DOI: doi:10.1016/j.dsr2.2007.11.014].

2008 Ashjian,C.J., C.S. Davis, S.M. Gallager, P.H. Wiebe, and G.L. Lawson. Distribution of Larval Krill and Zooplankton in Association with Hydrography in Marguerite Bay, Antarctic Peninsula, in Austral Fall and Winter 2001 described using the Video Plankton Recorder. Deep-Sea Research Part II. 55(3-4): 451-471.

2008 Warren J.D. and P. H. Wiebe. Accounting for biological and physical sources of acoustic scattering improves estimates of zooplankton biomass. Canadian Journal of Fisheries and Aquatic Sciences. 65: 1321-1333.

2010 Wiebe, P.H., D. Chu, S. Kaartvedt, A. Hundt ,W. Melle, E. Ona, and P. Batta-Lona. The acoustic properties of *Salpa thompsoni*. ICES Journal of Marine Science. 67: 583-593 doi:10.1093/icesjms/fsp263.

2010 Wiebe, P.H., S.B. Schnack-Schiel, and S. Nishida. 2010. Introduction to species diversity of marine zooplankton. Deep-Sea Research II. 57(24-26): 2061-2063.

2010 Wiebe, P.H., A. Bucklin, L. Madin, M.V. Angel, T. Sutton, F. Pagés, R.R. Hopcroft, D. Lindsay. Deep-sea sampling on CMarZ cruises in the Atlantic Ocean – an Introduction. Deep-Sea Research II. 57(24-26): 2157-2166.

2010 Bucklin, A., Ortman, B.D., Jennings, R.M., Nigro, L.M., Sweetman, C.J., Copley, N.J., Sutton, T., and Wiebe, P.H. A "Rosetta Stone" for metazoan zooplankton: DNA barcode analysis of species diversity of the Sargasso Sea (Northwest Atlantic Ocean). DSR-II (CMarZ special volume).57(24-26): 2234-2247.

2010 Sutton, T.T., P.H. Wiebe, L. Madin, and A. Bucklin. Diversity and community structure of pelagic fishes to 5000 m depth in the Sargasso Sea. Deep-Sea Research II. 57(24-26): 2220-2233.

2011 Wiebe, P.H., C. Ashjian, G. L. Lawson, A. Piñones, and N. Copley. Horizontal and vertical distribution of euphausiid species on the Western Antarctic Peninsula Southern Ocean GLOBEC study site. Deep-Sea Research II. 58(13-16): 1630-1651.

2011 Batta Lona, P.G., A. Bucklin, P.H. Wiebe, N.J. Copley, and T. Patarnello. Population genetic variation of the Southern Ocean krill, *Euphausia superba*, in the Western Antarctic Peninsula region

based on mitochondrial single nucleotide polymorphisms (SNPs). Deep-Sea Research II. 58(13-16): 1652-1661.

2012 Wiebe, P.H., Rudels, B., Cadrin, S.X., Drinkwater, K.F., and Lavin, A. Introduction to variability of the North Atlantic and its marine ecosystems, 2000–2009, the proceedings of an ICES/NAFO symposium held in Santander, Spain, 10–12 May 2011. ICES Journal of Marine Science, 69(5), 697–702. doi:10.1093/icesjms/fss090

2013 Skjoldal, H.R., P.H. Wiebe, L. Postel, T. Knutsen, S. Kaartvedt, and D.D. Sameoto. 2013. Intercomparison of zooplankton (net) sampling systems: Results from the ICES/GLOBEC sea-going workshop. Progress in Oceanography. 108: 1-42.