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### **Vita**

- 1984 B.A. in Physics, Oberlin College
- 1984-1990 Research Assistant, Scripps Institution of Oceanography, University of California, San Diego
- 1990 Doctor of Philosophy, Physical Oceanography  
University of California, San Diego
- 1990-1991 Postdoctoral Fellow  
Tohoku University, Sendai, Japan
- 1992-1994 Assistant Researcher  
University of Hawaii at Manoa
- 1994-1999 Assistant Professor, Department of Physics  
University of North Carolina at Wilmington
- 1996-present Adjunct Associate Professor, Department of Marine Science  
University of North Carolina at Chapel Hill
- 1997-present Interinstitutional Adjunct Faculty  
Department of Marine, Earth and Atmospheric Sciences  
North Carolina State University
- 1999 - present Associate Professor, Department of Physics and Physical Oceanography  
University of North Carolina at Wilmington
- 2005 Visiting Associate Professor, Tohoku University, Sendai, Japan
- 2008-present Professor, Department of Physics and Physical Oceanography  
University of North Carolina at Wilmington

### **Professional Affiliations**

American Geophysical Union; American Meteorological Society; The Oceanography Society, Oceanographic Society of Japan; American Association of Physics Teachers, North Carolina Section American Association of Physics Teachers

## Publications

- Bingham, F., 1990: Circulation and Water Mass Transformation as Related to the Formation of Subtropical Mode Water in the North Pacific. Ph.D. thesis, University of California, San Diego, 212 pp.
- Bingham, F. and L. Talley, 1991: Estimates of Kuroshio Transport Using an Inverse Technique. *Deep-Sea Research*, **38**(Suppl. 1), S21-S43.
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- Bingham, F., 1992: The Formation and Spreading of Subtropical Mode Water in the North Pacific. *Journal of Geophysical Research*, **97**, 11177-11189.  
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- Bingham, F., T. Suga and K. Hanawa, 1992: Comparison of Upper Ocean Thermal Conditions in the Western North Pacific between two Pentads: 1938-42 and 1978-82. *Journal of Oceanography*, **48**, 405-425.
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- Fine, R., R. Lukas, F. Bingham, M. Warner and R. Gammon, 1994: The Western Equatorial Pacific: a Water Mass Cross Roads. *Journal of Geophysical Research*, **99**, 25,063-25,080.
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- Bingham, F. and R. Lukas, 1995: The Distribution of Intermediate Water in the Western Equatorial Pacific during January/February, 1986. *Deep-Sea Research*, **42**, 1545-1574.
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- Bingham, F., 1998: Evidence for the Existence of a North Hawaiian Ridge Current. *Journal of Physical Oceanography*, **28**, 991-998.
- Lukas, R., F. Santiago-Mandujano, F. Bingham and A. Mantyla, 2001: Cold Bottom Water Events Observed in the Hawaii Ocean Time-series: Implications for Vertical Mixing. *Deep-Sea Research I*, **48**(4), 995-1022.
- Bingham, F., T. Suga, and K. Hanawa, 1999: The Origin of Waters Observed along 137°E. International WOCE Newsletter, # 36, 26-31

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Cahoon, L.B., M.A. Mallin, F.M. Bingham, S.A. Kissling, and J.E. Nearhoof. 2001. Monitoring the Coastal Ocean: Responses to Hurricane Floyd, pp. 247-253 in Maiolo, J.R., J.C. Whitehead, M. McGee, L. King, J. Johnson, and H. Stone, eds., "Facing Our Future: Hurricane Floyd and Recovery in the Coastal Plain", Coastal Carolina Press, Wilmington, NC.

Bingham, F. M., T. Suga, and K. Hanawa, 2002. The Origin of Waters Observed along 137°E. Journal of Geophysical Research, **107**, Doi:10.1029/2000jc000722. (<http://people.uncw.edu/binghamf/research/bsh2002.pdf>)

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The Hawaii Ocean Time-series: WOCE Component. From NSF for \$1,690,674. 1994-1997.

The Structure and Dynamics of the Current Systems North of the Hawaiian Ridge. From NSF for \$229,000. 1994-1997.

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Coupling of Gulf Stream Intrusions and Spring-summer Arrival of Presettlement Stages of Snapper-Grouper Complex Species at a Midshelf reef, Southern Onslow Bay, North Carolina. From NOAA/CIFO for \$24,961.

Water Mass Variations in the Western Equatorial Pacific. From NSF for \$113,000.

Short-term Invitation Fellowship. From Japan Society for the Promotion of Science, for travel and subsistence during fellowship.

Coupling of Gulf Stream Water Intrusions with Postlarval Settlement of Snapper-Grouper and Lobster at a Midshelf Reef, Onslow Bay, NC. From NURP/NOAA. \$29878.