

## CURRICULUM VITAE: William L. Fink

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### **Education:**

B.S. University of Miami, Florida, 1967  
M.S. University of Southern Mississippi, 1969  
Ph.D. George Washington University, 1976

### **Appointments:**

Director, Museum of Zoology, University of Michigan, 2005-  
Professor of Ecology and Evolutionary Biology, Associate Professor, Assistant Professor  
of Biology/Curator, Associate Curator, Assistant Curator of Fishes, Museum of  
Zoology, University of Michigan, 1982-; Associate Chair, Department of Ecology  
and Evolutionary Biology, 2001-5  
Associate Professor and Assistant Professor of Biology/Associate Curator and Assistant  
Curator of Fishes, Museum of Comparative Zoology, Harvard University, 1976-82

### **Military Service:**

United States Navy, Naval Medical Research Institute, Bethesda, Maryland,  
1969-71. (Reserve through 1975)

### **Grants and Awards:**

Dissemination Information Packages (DIPS) for Information Reuse (DIPIR), Institute of  
Museum and Library Services, 2011-2014  
Intel Education Program, Workstations and Software for Morphometrics Course, 2001  
Office of the Vice President for Research and H.H. Rackham School of Graduate Studies  
Spring/Summer Research Grant, 2000  
LS&A Excellence in Education Award, 1999  
NSF Grant DEB-9525763, "NEODAT II, An Inter-Institutional Database of Fish  
Biodiversity in the Neotropics" 1995-1998  
NSF Grant DEB-9509195, "Systematics of Piranha Shape and Ontogeny" (with M.  
Zelditch), 1995-98 (REU Supplement, 1997)

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University of Michigan, Office of the Vice President for Research Grant, "The evolution of parental care, mating systems and associated characters in the geophagine subfamily of the cichlid fishes" (with Peter Wimberger), 1992  
NSF Grant DEB-9024797, "An inter-institutional database for fish biodiversity in the Neotropics" (with S. Schaefer and J. Humphries), 1991-95  
NSF Grant BSR-9015158, "Support for the improvement of the University of Michigan Museum of Zoology Fish Collection" 1991-95  
NSF Grant BSR-8801107, "Workshop: Morphometrics in Systematic Biology" (with J.A. Kitchell), 1987-90  
NSF Grant BSR-8521062, "Support for Computerization of the Ichthyology Catalogue" (with G.R. Smith and R.R. Miller), 1986-90  
NSF Grant BSR-8600115, "A Revision of the Piranhas (Teleostei; Ostariophysi)" 1986-90  
NSF Grant BSR-8402308, "Support for the Care and Use of the Fish Collection" (with G.R. Smith and R.R. Miller), 1984-87  
Horace H. Rackham Research Grant, "Shape Analysis and the Phylogenetic Relationships of the Piranhas, a Group of South American Fishes" 1984  
NSF Grant DEB-8206939, "A Revision of the Piranhas (Teleostei; Ostariophysi) of the Amazon Basin" 1982-86  
NSF Grant DEB-8020591, "Management, Maintenance and Use of the Fish Collection" (with K.F. Liem), 1981-82  
NSF Grant DEB-7904729, "Morphology and Relationships of the Dragonfishes, Superfamily Stomiatoidea" 1979-82  
NSF Grant DEB-7723726, "The Care and Use of the Fish Collection of the Museum of Comparative Zoology" (with K.F. Liem), 1978-81  
William F. Milton Fund, Harvard University, 1976  
Smithsonian Institution T.F.H. Fund, summer 1972

### **Museum Curation Experience:**

Museum of Zoology, University of Michigan, Curator, Associate Curator; Assistant Curator  
Museum of Comparative Zoology, Harvard University, Associate Curator; Assistant Curator  
National Museum of Natural History, Smithsonian Institution, Museum Technician  
Gulf Coast Research Laboratory, Student Aide  
University of Miami, Student Aide

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**Field Experience:**

United States, Bahamas, Greater and Lesser Antilles, Brazil, Colombia, Venezuela, Panama

**Societies:**

American Association for the Advancement of Science; Fellow, 1988

American Society of Ichthyologists and Herpetologists (General Ichthyology Editor, *Copeia*, 1979-82; Board of Governors, 1977-82, 84-89; Editorial Board, 1978-80, 1993-95 ; member Ichthyological Collections Committee, 1978-84; Chair, Subcommittee on Curatorial Practices and Supplies, 1978-80; Ad hoc Planning Committee for 75th Anniversary of *Copeia*, 1984-6; Local Committee 1984-6; Nominations Committee, 1986, 1991 [Chair])

Brazilian Society of Ichthyology

Biological Society of Washington

Society for the Study of Evolution

Society of Systematic Biologists (formerly Society of Systematic Zoology) (member of the Council, 1978-81; Editorial Board, 1983-86; Nominations Committee, 1984-86; President-Elect, 1989; President, 1990; Nominations Committee, Chair, 1991)

Willi Hennig Society (Fellow; member of the Council, 1982-84)

Research Associate, Department of Vertebrate Zoology, Museum of Natural History, Smithsonian Institution, Washington, D.C.

Associate in Ichthyology, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts

**BIBLIOGRAPHY**

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- Fink, W.L. 1971a. A revision of the *Gambusia puncticulata* complex (Pisces: Poeciliidae). Publications of the Gulf Coast Research Laboratory Museum, 2:11-46.
- Fink, W.L. 1971b. A revision of the *Gambusia nicaraguensis* species group (Pisces: Poeciliidae). *Ibid.*:47-77.
- Weitzman, S.H. and W.L. Fink. 1971. A new species of characid fish of the genus *Nematobrycon* from the Rio Calima of Colombia (Pisces, Characoidei, Characidae). *Beaufortia*, 19(248):57-77.
- Friess, S.L., R.C. Durant, W.L. Fink, and J.D. Chanley. 1972. Effects of pressure and muscle loading on the toxic actions of echinoderm saponins in neuromuscular tissues. *Toxicology and Applied Pharmacology*, 22:115-127.
- Friess, S.L., W.L. Fink, R.C. Durant, and J.D. Chanley. 1972. Species variation in sensitivity of mammalian neuromuscular tissues to toxic actions of steroidal saponins. *Toxicon*, 10:393-398.
- Weitzman, S.H. and W.L. Fink. 1973. *Nematobrycon amphioxus* of aquarists reidentified. *Aquarium Hobbyist*, 2(2):2-6, 46.
- Fink, W.L. and S.H. Weitzman. 1974. The so-called cheirodontin fishes of Central America, with descriptions of two new species (Pisces: Characidae). *Smithsonian Contributions to Zoology*, (172):1-46.
- Fink, W.L. 1976. A new genus and species of characid fish from the Bayano river basin of Panama. *Proceedings of the Biological Society of Washington*, 88(30):331-344.
- Fink, W.L. 1978. Review of: The phylogeny and biogeography of fossil and recent gars (Actinopterygii: Lepisosteidae). By E.O. Wiley, 1976. *Univ. Kansas Mus. Nat. Hist., Misc. Publ. No. 64*. *Copeia*, 1978 (2):374-377.

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- Fyhn, U.E.H., H.J. Fyhn, B.J. Davis, D.A. Powers, W.L. Fink, and R. L. Garlick. 1979. Hemoglobin heterogeneity of Amazonian fishes. Comparative Biochemistry and Physiology, 62A:39-66. (Portuguese translation in Acta Amazonica, Supl., 8(4):55-86, 1978.)
- Fink, W.L., K.E. Hartel, W.G. Saul, E.M. Koon, and E.O. Wiley. 1979. A report on current supplies and practices used in curation of ichthyological collections. Report of the Ad hoc Subcommittee on Curatorial Supplies and Practices of the ASIH Ichthyological Collections Committee. Mimeo., 63 pp.
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- Atkins, D.L. and W.L. Fink. 1979. Morphology and histochemistry of the caudal gland of *Corynopoma riisei* Gill (Teleostei, Characidae). Journal of Fish Biology, 14(4):465-469.
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