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PROFESSIONAL PREPARATION

University of Washington	Aquatic and Fishery Sciences	Ph.D. 2015
Moss Landing Marine Laboratories	Marine Science	M.S. 2005
Dartmouth College	Biology	B.A. 1992

PROFESSIONAL APPOINTMENTS

2015– Postdoctoral Fellow, National Marine Fisheries Service (NMFS), Santa Cruz, CA
2015– Research Affiliate, Moss Landing Marine Laboratories (MLML)
2010– Shark Specialist Group, International Union for the Conservation of Nature (IUCN)
2014–2019 Board of Directors, American Elasmobranch Society
2011–2014 Essential Fish Habitat Consultant, NMFS, Santa Cruz, CA
2013 Essential Fish Habitat Consultant, National Resources Defense Council, San Francisco, CA
2008–2012 Editor, American Elasmobranch Society
2002–2009 Staff Scientist, Pacific Shark Research Center, MLML, Moss Landing, CA
1997–2004 Research Ecologist, GIS Analyst, Center for Habitat Studies, MLML, Moss Landing, CA
2002 Fisheries Research Biologist, Mote Marine Laboratory, Sarasota, FL
2001–2002 Technical Consultant, Monterey Bay Aquarium, Monterey, CA
1999–2002 GIS Analyst, CapRock Geology, Inc., Salinas, CA
1999–2001 Assistant Editor and Writer, Moschovitis Group, Inc., New York, NY

SELECTED PUBLICATIONS

- Bizzarro, J.J., Yoklavich, M.M., and Wakefield, W.W. In press. Diet composition and foraging ecology of U.S. Pacific Coast groundfishes with applications for fisheries management. **Environmental Biology of Fishes**.
- Carlisle, A.B., Litvin, S.Y., Madigan, D.J., Lyons, K., Bigman, J.S., Ibarra, M., and Bizzarro, J.J. In press. Interactive effects of urea and lipid content confound stable isotope results in elasmobranch fishes. **Canadian Journal of Fisheries and Aquatic Sciences** DOI: 10.1139/cjfas-2015-0584
- Bizzarro, J.J., Peterson, A.N., Blaine, J.M., Balaban, J.P., Greene, H.G., and Summers, A.P. 2016. Burrowing behavior, habitat, and functional morphology of the Pacific Sand Lance (*Ammodytes personatus*). **Fishery Bulletin** 114: 445–460.
- Bizzarro, J.J., Broms, K.M., Logsdon, M.G., Yoklavich, M.M., Kuhnz, L.A., and Summers, A.P. 2014. Spatial segregation in eastern North Pacific skate assemblages. **PLOS ONE** 9: e109907. doi:10.1371/journal.pone.0109907.
- Wetherbee, B.W., Cortés, E., and Bizzarro, J.J. 2012. Chapter 8: Food consumption and feeding habits, p. 239–264. **Biology of Sharks and Their Relatives** (Carrier, J.C., Musick, J.A., and Heithaus, M.R., eds). CRC Press: New York, NY.
- Brown, S.C., Bizzarro, J.J., Ebert, D.A., and Cailliet, G.M. 2012. Breaking with tradition: redefining measures for diet description with a case study of the Aleutian skate, *Bathyraja aleutica* (Gilbert 1896). **Environmental Biology of Fishes** 95: 3–20.

- Paig-Tran, E.W.M., Bizzarro, J.J., Strother, J.A., and Summers, A.P. 2011. Bottles as models: predicting the effects of varying swimming speed and morphology on size selectivity and filtering efficiency in fishes. **Journal of Experimental Biology** 214: 1643–1654.
- Bizzarro, J.J., Smith, W.D., Márquez-Farías, J.F., Tyminski, J., and Hueter, R.E. 2009. Temporal variation in the artisanal elasmobranch fishery of Sonora, Mexico. **Fisheries Research** 97: 103–117.
- Bizzarro, J.J., and Vaughn, M.T. 2009. Aspects of the biology and species composition of skates (Rajiformes) off southeastern Alaska. **Northwestern Naturalist**. 90: 247–256.
- Smith, W.D., Bizzarro, J.J., Richards, V.P., Nielsen, J., Márquez-Farías, J.F. and Shivji, M.S. 2009. Divergence and dimorphism: the taxonomic status of *Gymnura crebripunctata* (Peters 1869) and *G. marmorata* (Cooper 1864) in the eastern Pacific Ocean. **Journal of Fish Biology**. 75: 761–783.
- Bizzarro, J.J., Smith, W.D., Hueter, R.E., and Villavicencio-Garayzar, C.J. 2009. Activities and catch composition of artisanal elasmobranch fishing sites on the eastern coast of Baja California Sur, Mexico. **Bulletin of the Southern California Academy of Sciences**. 108: 137–151.
- Smith, W.D., Bizzarro, J.J., and Cailliet, G.M. 2009. The artisanal elasmobranch fishery of Baja California, México: characteristics and management considerations. **Ciencias Marinas** 35: 209–236.
- Bizzarro, J.J., Robison, H.J., Rinewalt, C.S., and Ebert, D.A. 2007. Comparative feeding ecology of four sympatric skate species off central California, USA. **Environmental Biology of Fishes** 80: 197–220.
- Bizzarro, J.J., Smith, W.D., Márquez-Farías, J.F., and Hueter, R.E. 2007. Artisanal fisheries and reproductive biology of the golden cownose ray, *Rhinoptera steindachneri* Evermann and Jenkins, 1891, in the northern Mexican Pacific. **Fisheries Research** 84: 137–146.
- Ebert, D.A., and Bizzarro, J.J. 2007. Standardized diet compositions and trophic levels of skates (Chondrichthyes: Rajiformes: Rajoidei). **Environmental Biology of Fishes** 80: 221–237.
- Dean, M.N., Bizzarro, J.J., and Summers, A.P. 2007. The evolution of cranial design, diet, and feeding mechanisms in batoid fishes. **Integrative and Comparative Biology** 47: 70–81.
- Greene, H.G., Bizzarro, J.J., O’Connell, V.M., and Brylinsky, C.K. 2007. Mapping potential marine benthic habitats using geographic information systems: a classification scheme and code, p.141–156. In: **Mapping the Seafloor for Habitat Characterization** (Todd, B. and Greene, H.G., eds.). Geological Association of Canada. Special Paper 47.

PROFESSIONAL EXPERIENCE AND AWARDS

- Authored 18 peer-reviewed journal articles, 14 books chapters and encyclopedia articles, 23 IUCN Red List Assessments, 25 grey literature documents, 18 seafloor maps, and 96 scientific presentations.
 - Conduct research to fill ecological gaps for exploited and endangered marine fishes; invited participant/presenter at: 1) NOAA/NMFS Essential Fish Habitat Review Committee (EFHRC, 2011–2014, Santa Cruz/Portland), 2) NMFS Species of Concern Workshop (Seattle, 2009), 3) IUCN International Batoid Red List Assessment Workshop (2004, Cape Town, South Africa), 4) working group to establish the first National Shark Conservation and Management Plan (2003–2004, Guaymas, Mexico).
 - University of Washington/School of Aquatic and Fishery Sciences Faculty Merit Award (2015).
 - North Pacific Research Board Graduate Student Research Award (2011).
 - Commendation, Pacific Fishery Management Council, for EFHRC research support (2011–2013).
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