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## Biographical Sketch: Elizabeth (Shaun) Kadison



### Professional Preparation

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**Institution**

University of Central Florida  
University of Central Florida  
Florida State University

**Degree, Year**

Master of Science/ Biological Sciences, 1992  
Bachelor of Science/ Biological Sciences, 1988  
Associate of Arts, 1986

### Appointments

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2002-present	<b>Center for Marine and Environmental Studies, University of the Virgin Islands</b> <i>Ecology Laboratory Specialist</i>
2001-2002	<b>Conservation and Fisheries Department, British Virgin Islands, Tortola, BVI</b> <i>Fisheries Biologist</i>
1993-2001	<b>Florida Fish and Wildlife Commission, Marathon, Florida</b> <i>Research Associate</i>
1991-1992	<b>Jacksonville University, Jacksonville, Florida</b> <b>Valencia Community College, Orlando, Florida</b> <i>Adjunct Instructor, Biology and Ichthyology</i>

### Research Statement

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Ms. Kadison is currently involved in research on grouper and snapper spawning aggregations, grouper movement using hydro-acoustic technology, and coral reef fish communities around the Virgin Islands. Her interests lie primarily on mesophotic reef communities and fish reproductive behavior.

## Publications

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**Kadison E.**, R. Nemeth, and J. Blondeau. In press. Nassau grouper (*Epinephelus striatus*) in St. Thomas, US Virgin Islands, with evidence for a spawning aggregation site recovery. Proc. 62nd Gulf Carib Fish Inst, Cumana, Venezuela, November 2-7, 2009.

**Kadison E.**, E. D'Alessandro, G. Davis, P. Hood. 2010. Age, growth, and reproductive patterns of the great barracuda, *Sphyrna barracuda*, from waters of the Florida Keys. Bull. Mar. Sci. 86:773-784.

Smith T., J. Blondeau, R. Nemeth., S. Pittman, J. Calnan, **E. Kadison**, J. Gass. 2010. Benthic structure and cryptic mortality in a Caribbean mesophotic coral reef bank system, the Hind Bank Marine Conservation District, U.S. Virgin Islands. Coral Reefs

**Kadison E.**, R. Nemeth, and J. Blondeau. 2009. An investigation of a red hind (*Epinephalus guttatus*) spawning aggregation on Saba Bank, Netherlands Antilles. Bull Mar. Sci. 85:101-118.

Nemeth R.S., **E. Kadison**, J. E. Blondeau, N. Idrisi, R. Watlington, K. Brown, T. Smith, L. Carr. 2008. Regional coupling of red hind spawning aggregations to oceanographic processes in the Eastern Caribbean. In: Grober-Dunsmore, R., and B.D. Keller, eds. Caribbean connectivity: Implications for marine protected area management. Proceedings of a Special Symposium, 9-11 November 2006, 59th Annual Meeting of the Gulf and Caribbean Fisheries Institute, Belize City, Belize. Marine Sanctuaries Conservation Series NMSP-08-xx. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Sanctuary Program, Silver Spring, MD.

Smith T., R. Nemeth, J. Blondeau, J. Calnan, **E. Kadison**, S. Herzlieb 2008. Assessing coral reef health across onshore to offshore gradients in the U.S. Virgin Islands. Mar. Poll. Bull. 56:1983-1991

Nemeth R.S., **E. Kadison**, J. Blondeau, N. Idrisi, R. Watlington, K. Brown, T. Smith, L. Carr. 2007. Regional coupling of red hind spawning aggregations to oceanographic processes in the Eastern Caribbean. Proc. 59<sup>th</sup> Gulf Carib Fish Inst, Connectivity Symposium Belize City, Belize November 7-11, 2006.

Calnan J., T. Smith, R. Nemeth, **E. Kadison**, J. Blondeau 2007. Coral disease prevalence and host susceptibility on mid-depth and deep reefs in the United States Virgin Islands. Revista de Biologia Tropical 56:223-234.

Nemeth R., J. Blondeau, S. Herzlieb and **E. Kadison** 2006. Spatial and temporal patterns of migratory behavior of red hind spawning aggregations in St. Thomas and St. Croix U.S. Virgin Islands. Environ. Biol. Fish. 78:365-381.

Herzlieb S., **E. Kadison**, J. Blondeau and R. Nemeth 2006. Comparative assessment of coral reef systems located along the insular platform of St. Thomas, US Virgin Islands and the relative effects of natural and human impacts. Proc. 10th Int. Coral Reef Symposium 4:1144-1151

**Kadison E.**, R. Nemeth, S. Herzlieb and J. Blondeau 2005. A description of the temporal and spatial dynamics of *Lutjanus cyanopterus* (Pisces: Lutjanidae) and *L. jocu* spawning aggregations on a site in the USVI. Rev. Bio. Trop. 54:69-78.

Eristhee N., **E. Kadison**, P. Murray and A. Llewelyn 2004. Preliminary investigations into the red hind fishery in the British Virgin Islands. Proc. 57<sup>th</sup> Gulf Carib Fish Inst. pp 373-384.

Nemeth R.S., **E. Kadison**, S. Herzlieb, J. Blondeau and E. Whiteman 2004. Status of yellowfin (*Mycteroperca venenosa*) and Nassau (*Epinephelus striatus*) grouper spawning aggregations in the US Virgin Islands with notes on other species. Proc. 57<sup>th</sup> Gulf Carib Fish Inst. pp 543-558.

Paperno R., K. Mille and **E. Kadison** 2000. Patterns in species composition of fish assemblages among subregions within the estuarine waters of Volusia County, Florida. Estuarine Coastal and Shelf Sciences 50:2.

**Kadison E.**, C. Addison, T. Dunmire and J. Colvocoresses 2000. A versatile and inexpensive method for training and testing observers conducting underwater visual censuses requiring size and distance estimates. Proc. 53<sup>rd</sup> Gulf Carib Fish Inst. pp 581-590.