

R. Dean Grubbs – BIOGRAPHICAL SKETCH

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a) PROFESSIONAL PREPARATION

University of Miami	Marine Science/Biology (Double Major)	B.S.	1992
College of William & Mary	Fisheries Science	Ph.D.	2001
University of Hawai'i	Postdoctoral in Biology of Pelagic Fishes		2001-2003

b) APPOINTMENTS

Associate Director for Research	FSU Coastal & Marine Laboratory	2012 to present
Research Faculty II	FSU Coastal & Marine Laboratory	2012 to present
Assistant Scholar Scientist/Faculty	FSU Coastal & Marine Laboratory	2007 to 2012
Professional Faculty I	Virginia Institute of Marine Science	2006-2007
Assistant Research Faculty	University of Hawai'i - HIMB	2003-2005

c.i) RELEVANT PUBLICATIONS

- Cotton, C.F., R.D. Grubbs. 2015. Biology of Deep-Water Chondrichthyans: Introduction. *Deep-Sea Research II* 115: 1-10
- Gaither, MR, B Violi, HWI Gray, F Neat, JC Drazen, RD Grubbs, A Roa-Varón, T Sutton, AR Hoelzel. 2016. Depth as a driver of evolution in the deep sea: Insights from grenadiers (Gadiformes: Macrouridae) of the genus *Coryphaenoides*. *Molecular Phylogenetics and Evolution* 104: 73-82
- Churchill, D.A., M.R. Heithaus, J.J. Vaudo, R.D. Grubbs, J.I. Castro. 2015. Trophic interactions of common elasmobranchs in deep-sea communities of the Gulf of Mexico revealed through stable isotope and stomach contents analysis. *Deep Sea Research II*. 115: 92-102
- Churchill, D.A., M.R. Heithaus, R.D. Grubbs. 2015. Effects of lipid and urea extraction on $\delta^{15}\text{N}$ values of deep-sea sharks and hagfish: can mathematical correction factors be generated? *Deep Sea Research II*. 115: 103-108
- Brooks, E.J., A.M. Brooks, S. Williams, L.K.B. Jordan, D. Abercrombie, D.D. Chapman, L.A. Howey-Jordan, R.D. Grubbs. 2015. First description of deep-water elasmobranch assemblages in the Exuma sound, the Bahamas. *Deep-Sea Research II*. 115: 81-91

c.ii) OTHER PUBLICATIONS

- Grubbs RD, JK Carlson, JG Romine, TH Curtis, WD McElroy, CT McCandless, CF Cotton, JA Musick. 2016. Critical assessment and ramifications of a purported marine trophic cascade. *Scientific Reports* 6 Editors' Choice: Science Vol. 351, Issue 6277, pp. 1039
- Talwar, B, EJ Brooks, RD Grubbs. 2016. An assessment of post-release mortality for a commonly discarded deep-sea isopod (*Bathynomus giganteus*) using reflex impairment. *ICES Journal of Marine Science: Journal du Conseil*, p.fsw087
- Giresi, M.M., Grubbs, R.D., Portnoy, D.S., Driggers III, W.B., Jones, L. and Gold, J.R., 2015. Identification and Distribution of Morphologically Conserved Smoothhound Sharks in the Northern Gulf of Mexico. *Transactions of the American Fisheries Society*, 144(6), pp.1301-1310.
- Daly-Engel T.S., R.D. Grubbs, K.A. Feldheim, B.W. Bowen, and R.J. Toonen. 2010. Is multiple mating beneficial or unavoidable? Low multiple paternity and genetic diversity in the shortspine spurdog (*Squalus mitsukurii*). *Marine Ecology Progress Series* 403: 255-267.

- Grubbs, R.D. 2010. Chapter 7. Ontogenetic Shifts in Movements and Habitat Use. In Carrier JF, Musick JA, Heithaus MR (eds.). *Sharks and Their Relatives II: Biodiversity, Adaptive Physiology, and Conservation*, CRC Press, New York, New York, USA. pp. 319-350.
- Grubbs, R.D. and R.T. Kraus. 2010. Migrations in Fishes. *Encyclopedia of Animal Behavior*. Breed, M. D. & Moore, J. eds, Academic Press, Oxford. Vol 1: 715-724.

d) SYNERGISTIC ACTIVITIES

Invited Member, IUCN - World Conservation Union, Shark Specialist Group,
 Northeast Pacific Region (2001-2006), Northwest Atlantic Region (2007-present)
 NOAA, National Marine Fisheries Service
 Member, Smalltooth Sawfish Recovery Team, 2009 to present
 Highly Migratory Species (HMS) SEDAR Pool of Experts, 2010-present
 American Elasmobranch Society – President: 2016-2018, Board of Directors: 2011-2016

Media Service (selected, 2010-2016 only) – Research highlighted in 7 documentaries.

Interviews: The Izaak Walton League of America, Pangolin Films, National Geographic Kids, NPR Best Part of My Job, Screenscope, New Scientist Magazine, Florida Trends, Yale Environment 360, NBC World, BBC, IDG News Service, Sharks4Kids, Wired Magazine, Slate, Outdoor America, Discovery Daily Planet, WPBT – Miami - Changing Seas, Discovery Channel, The New York Times, Science News, WFSU Radio, National Geographic Television, History Channel, Florida Public Radio, Across the Spectrum Magazine, Guy Harvey Magazine, >10 newspaper articles

e) COLLABORATORS & OTHER AFFILIATIONS (51)

Florida State Univ.: F. Coleman, K. Koenig, J. Chanton, C. Cotton; Texas A&M Univ.: J. Gold, D. Portnoy; Univ. of Hawai'i: B. Bowen, B. Graham, K. Holland, D. Itano, B. Popp, R. Toonen; Virginia Inst. of Mar. Sci.: R. Fisher, D. Ha, J. Musick, J. Romine, A. Verissimo, K. Weng; Nat. Mar. Fish. Serv.: K.I. Andrews, L. Beerkircher, D. Bethea, J. Carlson, J. Castro, E. Cortés, M. A. MacNeil, C.T. McCandless, M. Musyl, S. Gulak, T. Curtis; Univ. of Florida: G. Burgess, C. Conrath, A. Piercy, Y. Papastamatiou; Bimini Biol. Field Station: T. Guttridge, S. Kessel, S. Gruber; Mote Mar. Lab.: R. Hueter, J. Castro; Other Institutions: G. Cailliet (Moss Landing Mar. Lab.), J. Carrier (Albion College), A. Castro (Univ. of S. Fla.), L. Dagorn (Inst. de Rech. Dével., France), K. Feldheim (Field Museum), M. Furtado (Univ. Fed. do Ceara), J. Gelsleichter (Univ. of North Florida), K. Goldman (Alaska Game & Fish), M. Heithaus (FL Int. Univ.), S. Kajiura (FL Atlantic Univ.), R. Kraus (George Mason Univ.), T. Daly-Engel (Univ. West Florida); B. Frazier (SCDNR)

- Graduate Advisors and Postdoctoral Sponsors.

J.A. Musick, Graduate Advisor, Virginia Institute of Marine Science
 K.N. Holland, Postdoctoral Sponsor, Hawai'i Institute of Marine Biology

- Thesis Advisor and Postgraduate-Scholar Sponsor.

Graduate Advisor: L. Hollensead, M. Kolmann, C. Peterson, J. Imhoff, T. Richards, B. Prohaska, B. Talwar, A. Mickle, M. Violich, B. Keller (Florida State University); Graduate Committee Service: N. Aschliman, Z. Boudreau, J. Sota, A. Harper, C. Malinowski, C. Gredzens, M. Ware (Florida State Univ.) T. Daly-Engel (Univ. of Hawai'i), M. Edgehouse (Utah State Univ.), C. Cotton (William & Mary), R. Ford, A. Leary (Univ. of North Florida), K. Smith (Florida Atlantic Univ.), M. Bond (Stony Brook Univ.), K. Stump (Univ. of Miami), M. Pflieger, R. Varney (Univ. of West Florida), A. Barker, D. Swift (Texas A&M Univ.), D. Resko (Univ. of Guam), M. Smukall (Univ. of Alaska Fairbanks); Post-doctoral Sponsor: T. Tomita (Japan Society for the Promotion of Science)

Graduate Students Supervised: 10