

2009 PADI FOUNDATION GRANT RECIPIENTS

Req. No.	Recipient Name	Project Funded	Grant Amount
23	Stella Maris Januario da Silva	<i>Coexistence mechanisms of intertidal crabs competing for refuges: local processes and regional variation</i>	4,500
28	Camila Granados, M.Sc.	<i>Free-living Symbiodinium: still an unknown habitat for the symbiont of reef corals</i>	3,300
35	Benno Pereira PhD	<i>'Miss Kerala' on the edge: assessing population and harvest levels for developing conservation plans for an endemic and endangered cyprinid, Puntius denisonii (Day) in the rivers of Western Ghats, Kerala, India</i>	5,000
54	Christopher Goatley	<i>Variation in sediment mediation of reef fish herbivory</i>	4,308.20
59	Aisling Brady	<i>Coral Spawning Synchronicity: The Role of Circadian Genes in Circalunar Rhythms</i>	3,775.00
64	Neidy Pauline Cetz-Navarro	<i>Colonization of the coral Montastraea annularis by filamentous turf algae: strategies of macroalgae and responses of the coral</i>	5,700
65	Andrew Cole	<i>The control of coral disease by coral-feeding fishes</i>	3,426.15
69	Megan Wehrenberg	<i>Population dynamics and mechanisms for persistence of the red algae, Gracilariopsis spp., in Central California</i>	1,704.62
73	Melania C. López- Castro	<i>Deciphering the mystery of the "lost-year" of green turtles (Chelonia mydas) using trace elements</i>	9,900
74	Vera Pavel	<i>Circulation on Tidal Flats</i>	3,500
78	Adrian Gutteridge	<i>Tracking the movements of the Endangered great hammerhead shark, Sphyrna mokarran, along the Queensland coast, Australia: Implications for Conservation and Fisheries management</i>	8,500

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95	Dr. Konstantin S. Tkachenko	<i>Influence of mineralogical type of rocks on the composition and abundance of marine sessile epibenthos</i>	4,500
96	Michael Fabinyi	<i>Policy analysis of the live reef fish for food trade in Palawan province, Philippines</i>	4,510
99	Horia R. Galea, PhD	<i>Biodiversity and taxonomy of hydroids (Cnidaria: Hydrozoa) from Guadeloupe, eastern Caribbean</i>	2,000
100	Mark Mathews	<i>Green Canteen Project</i>	1,000
106	Kimberly Baldwin	<i>A Marine Resource and Space Use Information System for the Grenadine Islands (MarSIS): Community mapping exercises of marine resources, livelihood and threatened areas</i>	2,970
126	Nicky Cariglia	<i>The Relative Influence of Habitat and Protection on Holothurian Abundance in Maldives</i>	1,380
146	Jane Wia	<i>Marine biodiversity conservation through the development of a data management system</i>	2,000
159	Modi Roopin	<i>Melatonin and its possible role in mediating reproduction cycles of reef corals</i>	10,400
180	Shara Fisler	<i>Ocean Leaders: Developing diverse leadership through marine research opportunities</i>	10,000
181	Gil Bohrer	<i>Eddy-flux measurements of evaporation from the coral-reef lagoon in the red sea</i>	4,400
182	Katie Lotterhos	<i>Rockfish conservation genetics: annual variation in gene flow from adult to recruit populations across the US-Canada border</i>	4,197.07
208	Brad Gemmell	<i>Understanding predator and prey interactions between reef dwelling fish and their planktonic prey using in situ high speed 3D holographic video analysis</i>	2,095
227	Patrick J. Gibson	<i>New Pathways in Coral Reef Carbon and Nitrogen Cycling: Transformations by Sponges</i>	7,160

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232	Steve Doo	<i>Effects of Ocean Acidification on Planktonic Calcifiers: A project examining effects of elevated anthropogenic pCO₂ on calcification rates of planktonic foraminifers</i>	5,000
252	Marieta Francis, Acting Executive Director	<i>The Impact of Micro-plastics on Planktivorous Fish from the North Central Pacific Gyre</i>	2,500
263	Paula Moore, Executive Director	<i>PADI Summer Internships in Marine Science Research</i>	5,000
286	Janne T. Nielsen	<i>Do Male Loggerhead Turtles (Caretta caretta) Mediate Gene Flow?</i>	2,510
293	Christine Figgener	<i>Use of DNA analysis to determine paternal lineages and to estimate the genetic diversity and its change in the past 15-20 years within the Caribbean population of leatherback sea turtles (Dermochelys coriacea) in Costa Rica</i>	2,100
299	Ronan Roche	<i>A long term record of environmental change on the near shore Great Barrier Reef</i>	3,000
323	Denise M. Yost	<i>Spatial variation of DMSP production and DMSP lyase activity in three species of Bermuda coral</i>	4,900.50
326	Brian Cheng	<i>Climate Change Effects on Invasive and Native Species Interactions</i>	4,250
333	Cameron James Veal	<i>Assessment and characterization of aquatic light fields and water quality within the ecologically significant lagoon and coral reef environments within the Meso-American Barrier Reef System</i>	3,500
334	Melanie Hutchinson	<i>Reducing shark bycatch using electropositive metals</i>	5,676
336	Jessica Jarett	<i>Effects of nitrogen-fixing cyanobacterial symbionts on growth, reproduction, and predator deterrence in the coral Montastrea cavernosa</i>	5,000
379	Gabriel Grimsditch	<i>Schools to the Sea</i>	2,000

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392	Ericka Ann Poppell	<i>Microbial symbionts and sponge heterotrophy: consequences of benthic-pelagic coupling in the context of a changing reef environment</i>	4,052
403	Brett Favaro	<i>Beating the squeeze of fishing pressure: reducing rockfish bycatch in BC's prawn trap fishery</i>	2,226
406	Mario Espinoza and Thomas Farrugia	<i>Seasonal residency, movement patterns and habitat use of two benthic predators, the gray smooth-hound shark (<i>Mustelus californicus</i>) and shovelnose guitarfish (<i>Rhinobatos productus</i>), in a newly accessible system</i>	3,000
418	Jennifer M. Kishimori	<i>Identification of pathogenic metazoan ectoparasites and wild hosts to enable disease transfer risk assessments of critical wild fish stocks and mariculture in Hawaii</i>	2,200
444	Margaret E. Kellogg, PhD	<i>Conservation genetic studies of threatened West Indian manatee populations in the Atlantic Ocean, Caribbean Sea, and Gulf of Mexico</i>	4,880
458	Gabby N. Ahmadia	<i>Ecological contribution of an underrepresented fish community towards coral reef ecosystems</i>	2,740
465	Patricia Baum	<i>Future Biologists'', Exposing Young People to Marine Biology through Endangered Sea Turtle Conservation Programs</i>	1,000
479	Abhinav Gautam	<i>Underwater Swarm Robots</i>	4,385
489	Julia O'Hern	<i>Determining Marine Mammal Distribution Between Ecuador and the Galápagos Islands and Establishing Remote Sensing Techniques for Habitat Management</i>	3,000
508	Casuarina McKinney-Lamberts	<i>Our Reefs: Caribbean Connections Traveling Exhibition in The Bahamas</i>	2,500