

GRETCHEN GOODBODY-GRINGLEY

Assistant Scientist, Bermuda Institute of Ocean Sciences
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EDUCATION

<i>Harvard University</i> , Cambridge, MA	2003 – 2009
Ph.D. in Organismic and Evolutionary Biology	
<i>Northeastern University</i> , Boston, MA	2001 – 2002
Three Seas Marine Biology Program	
<i>University of Georgia</i> , Athens, GA	1997 – 2001
B.Sc. in Biology, Cum Laude	
Semester Abroad, Oxford University, Keble College.	1999
UGA Classics Program Abroad, Rome, Italy.	1998

APPOINTMENTS

<i>Assistant Scientist</i> : Bermuda Institute of Ocean Sciences	2014 – present
<i>Affiliate Scientist</i> : Florida Atlantic University	2019 – present
<i>Affiliate Research Scientist</i> : Clark University	2016 – present
<i>Visiting Instructor</i> : Northeastern University	2016 – present
<i>Research Associate</i> : Bermuda Zoological Society	2013 – present
<i>Adjunct Scientist</i> : Mote Marine Laboratory	2011 – present
<i>EURIAS Research Fellow</i> : University of Bologna, Institute of Advanced Studies	2013 – 2014
<i>Instructor/Postdoctoral Scientist</i> : Bermuda Institute of Ocean Sciences	2011 – 2014
<i>Postdoctoral Researcher</i> : Mote Marine Laboratory. K.L. Main	2010 – 2011
<i>Graduate Research and Teaching Fellow</i> : Harvard University. R.M Woollacott	2003 – 2009
<i>Faculty Research Assistant</i> : University of Maryland. K.P. Sebens	2002 – 2003
<i>Laboratory Technician</i> : University of Georgia. M. Alber	2000 – 2001

RESEARCH INTERESTS

Ecology and biodiversity of mesophotic reefs
 Reproduction and dispersal of marine invertebrates
 Evolutionary history and conservation of coral reefs
 Climate change, resilience, and invasive species

RESEARCH EXPERIENCE

Current Research: Bermuda Institute of Ocean Sciences 2014 – present
 Biodiversity and ecosystem function on Mesophotic Coral Ecosystems (MCEs)
 Morphology, physiology, and reproductive ecology of scleractinian corals on MCEs
 Adaptation and acclimatization potential of scleractinian corals to environmental change
 Biology, ecology and population demography of the invasive lionfish
 Population ecology, evolution, and sustainability of commercially important fish species
EURIAS Research Fellowship: University of Bologna, Institute of Advanced Studies 2013 – 2014
 Population demography, phylogeography and genetic connectivity of *Balanophyllia europaea*
Postdoctoral Research: Bermuda Institute of Ocean Sciences 2011 – 2013
 Differential gene expression of corals exposed to ocean acidification conditions
 Growth and development of juvenile corals under varying environmental conditions
Postdoctoral Research: Mote Marine Laboratory, Tropical Research Laboratory 2010 – 2011
 Coral culture and restoration techniques (PI's: K.L. Main and D. Vaughan)
 Effects of South Louisiana crude oil and dispersants on coral life history (PI: K.B. Ritchie)

Doctoral Research: Department of Organismic and Evolutionary Biology, Harvard University 2003-2009

Dissertation advisor: R.M. Woollacott

Reproductive ecology and early life history patterns of scleractinian corals

Phylogeography of two coral species with contrasting modes of reproduction

Independent research project: Three Seas Program, Northeastern University. 2001

Advisor: M.A. Steele

The influence of habitat complexity on the aggressive behavior of the Beaugregory damselfish (*Stegastes leucostictus*) in Discovery Bay, Jamaica

Undergraduate research: Department of Marine Science, UGA 2000 - 2001

Advisor: M. Alber

Effects of natural disturbances to salinity on the population dynamics of two gastropod species from the Satilla River salt marshes of coastal GA

Scientific Cruises:

PBS&J Consulting, coral reef monitoring at the Flower Garden Banks, TX 2006

University of Washington, PRISM oceanographic cruise, Puget Sound, WA 2001

University of Georgia Marine Science Department, Estuarine system of Georgia, 2000

PUBLICATIONS

Neder, M, **Goodbody-Gringley, G**, Mass, T (In Prep). Differential patterns of early development by *Stylophora pistillata* juveniles settled at shallow and mesophotic depth. *PNAS*

Trembanis, A, Babbitz, H, Chequer, A, **Goodbody-Gringley, G** (In Prep) Mesophotic Coral Ecosystems: Application of geoacoustic proxies for habitat and relative diversity, comparison of insular shelf sites in Bermuda. *Coral Reefs*

Frade, P, **Goodbody-Gringley, G**, Bongaerts, P (In Prep) Improved phylogeny of the genus *Madracis* reveals distinct biogeographic lineages in the Caribbean. *Molecular Ecology*

Goodbody-Gringley, G, Noyes, T, Dowell, R, Chequer, A (In Prep) Efficacy of continued diver-led culling of invasive lionfish in maintaining biodiversity on mesophotic reefs. *Biological Conservation*

Donavan, M, Alves, C, Asner, G, Cuning, C, Drury, C, Dunn, R, **Goodbody-Gringley, G**, Henderson, L, Johnson K, Knapp I, Knapp, D, Levy J, Lingerfelt, E, Logan, C, Martin, R, McGuinn R, Meier O, Mudge, L, Ritson-Williams, R, Gates, R (In Prep) From polyps to pixels: understanding coral reef resilience to local and global change. *Frontiers in Marine Science*

Silbiger, N, **Goodbody-Gringley, G**, Putnam, H, Bruno J (In Review) Variations in thermal tolerance of *Orbicella franksii* across a latitudinal gradient. *Marine Biology*

Molino, C, Angeletti, D, Oldham, V, **Goodbody-Gringley, G**, Buck, K (In Review) Effect of marine antifouling paint particles waste on survival of natural Bermuda copepod communities. *Marine Pollution Bulletin*

Goodbody-Gringley, G, Strand, E, Pitt, JM (2019) Molecular characterization of nearshore baitfish populations in Bermuda. *Peer J*, In Press

Goodbody-Gringley, G, Chequer, A, Eddy, C, Pitt, J, Smith, SR (2019) Ecological drivers of lionfish (*Pterois miles* and *P. volitans*) densities on mesophotic reefs. *Frontiers in Marine Science*, In Press

Goodbody-Gringley, G, Noyes, T, Smith, SR (2019) Bermuda. In: Loya, Y, Puglise, K, Bridge, T (Eds.) Mesophotic Coral Ecosystems, Coral Reefs of the World 12. Springer Nature, Switzerland, Accepted

Turner, JA, Andradi-Brown, DA, Gori, A, Bongaerts, P, Burdett, HL, Ferrier-Pages, C, Voolstra, CR, Bridge, T, Costantini, F, Gress, E, Laverick, J, Loya, Y, **Goodbody-Gringley, G**, Rossi, S, Taylor, ML, Viladrich, N, Voss, J, Weinstein, DK, Williams, J, Woodall, LC, Eyal, G (2019) Twenty-Four Key Questions for Mesophotic Ecosystem Research and Conservation. In: Loya, Y, Puglise, K, Bridge, T (Eds.) Mesophotic Coral Ecosystems, Coral Reefs of the World 12. Springer Nature, Switzerland, Accepted

Goodbody-Gringley, G, Waletich, JR (2018) Morphological plasticity of a depth generalist coral species between shallow and mesophotic reefs in Bermuda. *Ecology* 99(7): 1688-1690. <https://doi.org/10.1002/ecy.2232>.

- Goodbody-Gringley, G**, Wong, K, Becker, D, Glennon, K, de Putron, S (2018) Reproductive ecology and early life history traits of the brooding coral, *Porites astreoides*, from shallow to mesophotic zones. *Coral Reefs* 37 (2): 483-494. <https://doi.org/10.1007/s00338-018-1673-2>.
- Stefanoudis, PV, Smith, SR, Schneider, C, Wagner, D, Rivers, M, **Goodbody-Gringley, G**, Xavier, J, Woodall, LC, Rogers, AD (2018) Deep Reef Benthos of Bermuda: Field Identification Guide. [online] Nekton. doi: <https://doi.org/10.6084/m9.figshare.7333838>.
- Walsh, C, Pinheiro, H, Rocha, L, **Goodbody-Gringley, G** (2017) Cleaning service gaps in Bermuda, North Atlantic. *Ecology* 99 (7): 1688-1690. 10.1002/ecy.1841.
- Reich, H, Robertson, D, **Goodbody-Gringley, G** (2017) Do the shuffle: Changes in *Symbiodinium* consortia throughout juvenile coral development. *PLoS ONE* 12(2): e0171768.
- Andradi-Brown, DA, Vermeij, MJA, Slattery, M, Lesser, M, Bejarano, I, Appeldoorn, R, **Goodbody-Gringley, G**, Chequer, AD, Pitt, JM, Eddy, C, Smith, SR, Brokovich, E, Pinheiro, HT, Jessup, E, Shepherd, B, Rocha, LA, Curtis-Quick, J, Eyal, G, Noyes, T, Rogers, AD, Exton, DA (2017) Use of mesophotic coral ecosystems (MCEs) by invasive western Atlantic and native Indo-Pacific lionfish. *Biological Invasions* 19: 939-954.
- Eddy, C, Pitt, J, Morris, J, Smith, S, **Goodbody-Gringley, G**, Bernal, D (2016) Diet and prey selectivity of invasive lionfish (*Pterois volitans* and *P. miles*) in Bermuda. *MEPS* 558: 193–206.
- Goodbody-Gringley, G** and de Putron, S (2016) Brooding cnidarians: planulation patterns, larval behavior, and recruitment dynamics. In: Goffredo, S and Dubinsky, Z (Eds.) *The Cnidaria, past, present and future. The world of Medusa and her sisters*. Springer
- Goodbody-Gringley, G** (2016) A platform for collaboration spurs effort to combat the invasive lionfish. In: Cullman, G (Ed.) *Resilience Sourcebook: Case Studies of Social-Ecological Resilience in Island Systems*. Center for Biodiversity and Conservation, American Museum of Natural History
- Pinheiro, H, **Goodbody-Gringley, G**, Jessup, EM, Shepherd, B, Chequer, AD, Rocha, LA (2016) Upper and lower mesophotic coral reef fish communities evaluated by underwater visual census in the Caribbean. *Coral Reefs* 35: 139-151.
- Goodbody-Gringley, G**, Marchini, C, Chequer, AD, Goffredo, S (2015) Population structure of the Great star coral, *Montastraea cavernosa*, on mesophotic reefs in Bermuda. *PLoS ONE* 10(11): e0142427. doi:10.1371/journal.pone.0142427.
- Rivera, HE, and **Goodbody-Gringley, G** (2014) Aggregation and cnidae development as early defensive strategies in *Favia fragum* and *Porites astreoides*. *Coral Reefs* 33: 1079-1084.
- Kenkel, CD, **Goodbody-Gringley, G**, Caillaud, D, Davies, SW, Bartels, E, Matz, MV (2013) Evidence for a host role in thermotolerance divergence between populations of the mustard hill coral (*Porites astreoides*) from different reef environments. *Molecular Ecology* 22: 4335-4348.
- Goodbody-Gringley, G**, Wetzel, DL, Gillion, D, Pulster, E, Miller, A, Ritchie, KB (2013) Toxicity of *Deepwater Horizon* source oil and the chemical dispersant, Corexit 9500, to coral larvae. *PLoS ONE* 8(1): e45574.
- Goodbody-Gringley, G**, Woollacott, RM, Giribet, G (2012) Population structure and connectivity of the Atlantic scleractinian coral *Montastraea cavernosa* (Linnaeus, 1766). *Marine Ecology* 33: 32-48.
- Goodbody-Gringley, G** (2010) Diel planulation by the brooding coral *Favia fragum* (Esper). *Journal of Experimental Marine Biology and Ecology* 389: 70-74.
- Goodbody-Gringley, G**, Vollmer, S, Woollacott, RM, Giribet, G (2010) Limited gene flow in the brooding coral *Favia fragum* (Esper, 1797). *Marine Biology* 157: 2591-2602.
- Goodbody-Gringley, G** and de Putron, SJ (2009) Patterns of planulation by the brooding coral *Favia fragum* (Esper) in Bermuda. *Coral Reefs* 28: 959-963.

PUBLISHED ABSTRACTS

- Goodbody-Gringley, G**, Pitt, J, Eddy, C, Chequer, A, Noyes, T, Blanco-Bercial, L, Smith, S (2019) Assessment and Management of Invasive Lionfish Populations in Bermuda. Book of Abstracts – 71st Annual Conference Gulf and Caribbean Fisheries Institute, Colombia, in press.
- Eddy, C, Pitt, J, Smith, SR, Bernal, D, **Goodbody-Gringley, G** (2016) The abundance and distribution of invasive lionfish (*Pterois spp*) in Bermuda. Book of Abstracts - 69th Annual Conference Gulf and Caribbean Fisheries Institute, Cayman Islands
- Goodbody-Gringley, G**, Chequer, A, Eddy, C, Pitt, J, Smith, SR (2016) Ecological Drivers of lionfish aggregations on mesophotic reefs in Bermuda. 13th International Coral Reef Symposium, Hawaii.
- Reich, H, Robertson, D, **Goodbody-Gringley, G** (2016) Do the shuffle: Changes in *Symbiodinium* consortia throughout juvenile coral development. 13th International Coral Reef Symposium, Hawaii.
- Eddy, C, Pitt, J, Smith, SR, Chequer, A, **Goodbody-Gringley, G** (2015) Distribution and abundance of the invasive lionfish along a depth gradient in Bermuda: Identification of deep reef “hot spots”. Association of Marine Laboratories of the Caribbean 37th Scientific Conference, Curacao.
- Eddy, C, Pitt, J, Smith, SR, **Goodbody-Gringley, G**, Chequer, A, Bernal, D (2014) The feeding ecology of invasive lionfish in Bermuda. Book of Abstracts - 67th Annual Conference Gulf and Caribbean Fisheries Institute, Barbados, p. 55.
- Eddy, C, Pitt, J, Smith, SR, **Goodbody-Gringley, G**, Gleason J, Bernal, D (2013) Preliminary analysis of lionfish (*Pterois volitans* and *P. miles*) populations in Bermuda. Book of Abstracts - 66th Annual Conference Gulf and Caribbean Fisheries Institute, USA. p. 76.
- Kenkel CD, **Goodbody-Gringley G**, Bartels E, Davies SW, Percy AL, Matz MV (2012) Evidence of local thermal adaptation in a Caribbean coral. *Integrative and Comparative Biology* 52: E92.
- Edge S, Voss J, Semon K, Ruzicka R, **Goodbody-Gringley G** (2012) Molecular diagnostics of coral exposed to oil and dispersant. Book of Abstracts - 12th International Coral Reef Symposium, Australia, p. 70.
- Vaughan D, **Goodbody-Gringley G**, Leber K, Main K, Page C (2012) Advancing culture technologies for propagation of coral species for restoration. Book of Abstracts - 12th International Coral Reef Symposium, Australia, p. 527.
- Wetzel D, **Goodbody-Gringley G**, Ritchie K (2012) Response of coral larvae to Deepwater Horizon oil and dispersants. Book of Abstracts - 12th International Coral Reef Symposium, Australia, p. 537.
- Goodbody-Gringley, G** (2010) Comparisons of gene flow and populations structure between a brooding and a broadcasting scleractinian coral. Book of Abstracts - *ISRS 2010 Reefs in a Changing Environment*, The Netherlands, p. 125.
- Goodbody-Gringley, G** (2008) Planulation near dawn results in increased survivability of *Favia fragum*. 11th International Coral Reef Symposium, USA.

PRESENTATIONS

Oral:

- Gordon Research Conference: Mesophotic Reefs* (Invited Speaker), Bates College, USA 2018
- Gulf Caribbean Fisheries Institute*, San Andres, Colombia, 2018
- FWC Lionfish Summit*, Oral presentation and panelist, Cocoa Beach, FL USA 2018
- European Coral Reef Symposium*, Oxford, UK 2017
- International Coral Reef Symposium*, Honolulu, HI USA 2016
- Benthic Ecology Meeting*, Portland, ME USA 2016
- Association of Marine Laboratories of the Caribbean*, Curaçao, 2015
- Annual Meeting of the EURIAS Fellows*, Helsinki, FI 2014
- International Coral Reef Symposium*, Cairns, AU 2012
- Euro International Society for Reef Studies Meeting*, Wageningen, NL 2010
- International Coral Reef Symposium*, Fort Lauderdale, USA 2008
- G4 Symposium*, Harvard University, USA 2007
- Benthic Ecology Meeting*, University of Connecticut, USA 2003

Poster:

Gulf Caribbean Fisheries Institute, San Andres, Columbia 2018
FWC Lionfish Summit, Cocoa Beach, FL USA 2018
International Coral Reef Symposium, Honolulu, HI USA 2016
Benthic Ecology Meeting, Portland, ME USA 2016
Association of Marine Laboratories of the Caribbean, Curaçao, 2015
ASLO Ocean Sciences Meeting, Honolulu, HI USA 2014
Gulf and Caribbean Fisheries Institute Meeting, Corpus Christi, TX USA 2013
Benthic Ecology Meeting, Georgia Southern University, USA 2013
Euro International Society for Reef Studies Meeting, Wageningen, NL 2010
Linking Science to Management: A conference on the Florida Keys Marine Ecosystem, USA 2010
Benthic Ecology Meeting, Georgia Institute of Technology, USA 2007
South Eastern Estuarine Research Society, Annual Meeting, Charleston, SC USA 2001
“Best Undergraduate Poster”

Invited Seminars:

Florida Atlantic University: Coral Reef Resilience and the Role of Mesophotic Coral Ecosystems as a Refuge, April 2019
Haifa University: Adaptation and Acclimatization of Scleractinian Corals on Mesophotic Reefs in the Red Sea and Bermuda, April 2019
University of Virginia: Coral Reef Resilience and Refugia: Adaptation and Acclimatization in Marginal Locations, September 2018
Lehigh University: Coral Reef Ecology and Evolution: Exploring Reef Resilience, September 2018
KPMG Bermuda: Biodiversity on Bermuda’s Deep Reefs, June 2016
Clark University: How Reproductive Patterns by Scleractinian Coral Drive Population Connectivity, Community Composition, and Overall Reef Resilience, April 2016
Bermuda High School: Promoting Women in Science, April 2016
Hamilton Rotary: Current Status of Lionfish Invasion in Bermuda, March 2016
SeaCamp: Science Night lecture series, Summer 2010
Columbia University: Summer Ecosystem Experience for Undergrads (SEE-U), June 2010

TEACHING

Instructor: Three Seas Program, NEU, *Biology of Corals* (STRI, Panama: Fall 2016 – present)
Instructor: BIOS - *Coral Reef Ecology* (2009-Present)
Instructor: BIOS - *Marine Biology and Oceanographic Research* (2009-Present)
Instructor: Princeton University at BIOS, *Marine Biology* (Summer 2015)
Instructor: BIOS – *Ecology and Evolution of Reef Fishes* (Summer 2015)
Instructor: BIOS - *Marine Invertebrate Zoology* (2011-2014)
Teaching Fellow: Harvard University, OEB 234 *Topics in Marine Biology* (Spring 2005, 2008 & 2009)
Harvard University Certificate of Distinction in Teaching (2009)
Teaching Fellow: Harvard University, *Marine Life and Ecosystems of the Sea* (Summer 2008)
Head Teaching Fellow: Harvard University, *Science B-53 Marine Biology* (Fall 2006 & 2007)
Teaching Assistant: BIOS, *Coral Reef Ecology* (Summer 2005-2007)

Graduate Student Advising:

Ph.D. committee member for Alexis Sturm. Florida Atlantic University. In Progress
 Ph.D. committee member Kevin Wong. University of Rhode Island. In Progress
 Ph.D. committee member for Katelyn Gould. University of North Carolina. In Progress
 Ph.D. committee member for Ciara Marchini. University of Bologna. Defended April 2016
 M.Sc committee member for Taylor Tucker. Northeastern University. In Progress
 M.Sc committee member for Hannah Reich. Clark University. Defended May 2016

Undergraduate Advising:

Senior Thesis Advisor: Rebecca Ju, Yale University. 2019
 Senior Thesis Advisor: Ian Besse. Eckerd College. 2018
 Senior Thesis Advisor: Takoda Edlund, Eckerd College. 2016
 Senior Thesis Advisor: Elizabeth McKenna, Princeton University. 2015
 Supervised 30+ undergraduate research projects and 7 NSF-REU projects in Bermuda (2009-2019)
 Supervised 8 undergraduate interns, Mote Marine Laboratory (2010)
 Field advisor to Harvard College undergraduates: H. Rivera (2011&2012); L. Stoppel (2007)

AWARDS and HONORS

Haifa University, Office of the Provost – Visiting Scientist Travel Award, \$2,110: Assessing how adaptation and acclimatization influence the skeletal morphology of corals along a depth gradient in the Red Sea. (2019)

Assemble Plus Transnational Access – EU Horizon2020, no. 730984, with T. Mass (HU): Assessing how adaptation and acclimatization influence the skeletal morphology of corals along a depth gradient in the Red Sea. (2019)

Cawthorn Innovation Fund – BIOS, \$147,626: Characterizing mesophotic ecosystems with AUVs and technical divers to couple the physical environment with biological and ecological processes. (2019-2020)

Pembroke Foundation International, with H. Putnam (URI) and S. de Putron (BIOS), \$737,635: How resilient are coral reefs to climate change? (2018-2021)

BEST 2.0 (Biodiversity and Ecosystem Services in Territories of European Overseas), \$117,278: Assessing the utility of lionfish traps for preserving biodiversity by managing invasive populations. (2018-2019)

BEST 2.0 (Biodiversity and Ecosystem Services in Territories of European Overseas), \$97,946: Management of invasive lionfish hotspots: conservation of biodiversity on mesophotic coral ecosystems in Bermuda. (2017-2018)

Darwin Initiative; Darwin Plus Funding – DPLUS064, \$234,954: Characterizing Bermuda's baitfish populations to improve management and fishery sustainability. (2017-2019)

XL Catlin Deep Ocean Survey – NEKTON, \$29,913: Ecosystem function on mesophotic reefs in Bermuda. (2016)

Bermuda Zoological Society – Research and Conservation Committee, \$9,833: Bermuda mesophotic reef biodiversity and invasive species control. (2015)

Darwin Initiative; Darwin Plus Funding – DPLUS001, \$264,080: Bermuda Invasive Lionfish Control Initiative. (2013-2015)

EURIAS Fellowship (Marie Curie COFUND) – Institute of Advanced Studies, University of Bologna (UNIBO), \$47,300: Prevalence of self-fertilization in a Mediterranean coral population. (2013-2014)

Lerner Gray Memorial Fund - American Museum of Natural History, \$2000: Self-fertilization as a mechanism for population maintenance. (2013-2014)

NSF DBI-1034738 with K. B. Ritchie, \$103,889: Development of a Multi-User Molecular Facility at Mote Marine Laboratory's Tropical Research Laboratory. (2011)

BP/FIO - Gulf Oil Spill Prevention, Response & Recovery Grant with S. Edge, J. Voss, K. Semon and R. Ruzicka, \$285,346: Molecular diagnostics of coral exposed to oil and dispersants: A holobiont approach to investigate potential effects on the host corals, symbiotic algae, and mucus associated microbial communities. (2010-2012)

Protect Our Reefs Grant with K. Main \$37,000: Coral Aquaculture and Restoration. (2010-2011)

Putnam Expedition Grant, Museum of Comparative Zoology, Harvard University, \$7,000 (2006)

PADI, Project AWARE Foundation Fellowship, \$1,750 (2005)

BIOS Grant-in-Aid Fellowship, \$1,200 (2004)

HOPE scholarship (1997-2001)

SERVICE

President: Ocean Support Foundation (2014-Present)

Board Member: Robots in Service of the Environment (2017-Present)

Committee Chair: Dive Control Board, BIOS (2014-Present)

Committee Member: Collecting and Experimental Ethics Policy Committee (2015-Present)

Committee Member: Bermuda Lionfish Taskforce (2012-Present)

Selection Committee: EURIAS Fellowship (2014-Present)

Independent Consulting: Bermuda Zoological Society, BREAM Project (August 2011-2012)

Coordinating Editor: Restoration Ecology

Journal Reviewer: Marine Biology • Marine Ecology • Biological Bulletin • Invertebrate Systematics • Hydrobiologia • Pacific Science • Marine Biodiversity • PLoS ONE • Coral Reefs • JEMBE • Molecular Ecology • Marine Environmental Research • Marine Ecology Progress Series • Deep Sea Research • Restoration Ecology • Marine Pollution Bulletin • Chemosphere • PeerJ • Bulletin of Marine Science • Scientific Reports • Nature Ecology and Evolution

Professional Associations: International Coral Reef Society • American Society of Limnology and Oceanography • Graduate Women in Science • Women in Shipping and Trading Association

MEDIA

Documentary Film: *Lionfish: From Predator to Plate* (2018). Produced by 11th Hour Racing. Premiered at the 2018 Bermuda International Film Festival. <https://www.youtube.com/watch?v=c8t8R2gAoNo>

The Weather Channel: *Invasive Lionfish*. (2017) <https://www.facebook.com/TheWeatherChannel/videos/10155829318505921/>

BBC News: *The Travel Show, Bermuda*. (2017) <http://www.bbc.co.uk/programmes/b08w672m>

Royal Gazette: *Lionfish-zapping robot comes to island*. (2017) <http://www.royalgazette.com/environment/article/20170419/lionfish-zapping-robots-come-to-island>

Bernews: *10 most fascinating people of Bermuda 2016*. (2017) <http://bernews.com/2017/01/video-10-series-spotlights-dr-goodbody-gringley/>

PBS NewsHour: *Coral bleaching is killing reefs. Is the answer a great migration?* (2017) <http://www.pbs.org/newshour/updates/great-migration-save-coral-bleaching/>

Funding Campaign: *Leading the Way*, Video promotion for development of STEAM facilities at the Bermuda High School for Girls (2017) <https://www.youtube.com/watch?v=DSXCGLwWs>

PBS NewsHour: *How do you stop invasive lionfish? Maybe with a robotic zapper*. (2016) <http://www.pbs.org/newshour/updates/robot-lionfish-invasive-species-rise-nekton/>

Ocean Science Radio Podcast: *OceanTech*. (2016) <https://soundcloud.com/ocean-science-radio/ocean-tech>

Bermuda Lionfish Taskforce Video Series. *Lionfish Crisis: Technical Diving Bermuda*. (2016) Available on social media and www.lionfish.bm

TV commercial - California Academy of Sciences. *Twilight Zone: Deep Reefs Revealed*. (2016) <https://www.youtube.com/watch?v=rIXRXbRtDUk>

Royal Gazette: Mentioned or highlighted in 8 articles in 2016; 2 articles in 2015

Outside Television: *Dispatches* (Season 2), *Fighting the Lionfish in Bermuda*. (2015) <http://www.outsidetv.com/shows/Dispatches/index/3/playlist/4924559398001/video/2920825258001/name/Fighting%20the%20Lionfish%20in%20Bermuda%20%7C%20Dispatches>

The Bermudian: *By Diving Deep, A BIOS Scientist Exposes Lionfish Invasion*. (2014) <http://www.thebermudian.com/66-myblog/home-grown-made-in-bermuda/1476-by-diving-deep-a-bios-scientist-exposes-lionfish-invasion>

Underwater Times: *Florida Marine Lab 'Releases' Coral Fragments in Keys Reef Restocking*. (2010) http://www.underwatertimes.com/news.php?article_id=46253107891

National Wildlife Federation Blog: *Scientist Finds Deadly Effects of Dispersant Used In Gulf Oil Disaster*. (2010) <http://blog.nwf.org/2010/10/scientist-finds-deadly-effects-of-dispersant-used-in-gulf-oil-disaster/>

ADVANCED DIVE CERTIFICATIONS

PADI Tec60 CCR (2016)

IANTD Tec60 CCR (2016)

TDI Trimix Diver (2014)

TDI Advanced Nitrox (2013)

TDI Deco Procedures (2013)

PADI Dive Master (2010)

AAUS Scientific Diver (2001)

DAN DFAPro (2001 – present)

DAN O2 (2001 – present)