

Richard R. Coleman

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EDUCATION

- 2019 **Ph.D., Zoology: Specialization in Ecology, Evolution, and Conservation Biology**
University of Hawai'i at Mānoa, Honolulu, HI.
Dissertation: Patterns of connectivity in coral reef fishes across three spatial scales
Advisor: Brian W. Bowen, Ph.D.
- 2010 **B.S., Biology: Concentration: Marine Biology and Limnology**
San Francisco State University, San Francisco, CA
Advisor: C. Sarah Cohen
- 2006 **A.S., Biology (with Honors)**
Sacramento City College, Sacramento, CA

PEER-REVIEWED PUBLICATIONS CITATIONS: 598 | H-INDEX: 13 | i10-INDEX: 14

19. Whitney JL, Coleman RR, Deakos MH (2023). The complete mitochondrial genome of the Reef Manta Ray, *Mobula alfredi*, from Hawaii. *Mitochondrial DNA part B: Resources* 8: 197-203
18. Coleman RR, Kraft DW, Hoban ML, Toonen RJ, Bowen BW (2023) Genomic assessment of the larval odyssey: self recruitment and biased settlement in the Hawaiian surgeonfish *Acanthurus triostegus sandvicensis*. *Journal of Fish Biology* 1-15. doi.org/10.1111/jfb.15294
17. Coleman RR, Bowen BW (2022) Genomic assessment of an endemic Hawaiian surgeonfish, *Acanthurus triostegus sandvicensis*, reveals high levels of connectivity and fine scale population structure. *Coral Reefs* 41:687-697. doi:10.007/s00338-022-02257-4
16. Counsell CWW, Coleman RR, Lai SS, Bowen BW, Franklin EC, Neuhemier AB, Powell BS, Toonen RJ, Hixon MA, McManus MA, Donahue ML (2022). Interdisciplinary analysis of larval dispersal in coral reef fish: opening the black box. *Marine Ecology Progress Series* 684: 117-132
15. Hixon MA, Bowen BW, Coleman RR, Counsell CW, Donahue ML, Franklin EC, Kittinger JN, McManus MA, Toonen RJ (2022). Fish Flow: Following Fisheries from Spawning to Supper. *Frontiers in Ecology and Environment* 20:247-254. <https://doi.org/10.1002/fee.2449>
14. Bowen BW, Forsman ZH, Whitney JL, Faucci A, Hoban M, Canfield SJ, Johnston EC, Coleman RR, Copus JM, Vicente J, Toonen RJ (2020). Species Radiations in the Sea: What the Flock?. *Journal of Hereditary* 111:1 70-83
13. Pinheiro HT, Shepherd B, Castillo C, Abesamis RA, Copus JM, Pyle RL, Greene BD, Coleman RR, Whitton RK, Thillainath E, Bucol AA, Birt M, Catania D, Bell M, Rocha LA (2019). Deep reef fishes in the world's epicenter of marine biodiversity. *Coral Reefs* doi.org/10.1007/s00338-019-01825-5
12. Filous A, Lennox RJ, Danylchuk AJ, Coleman RR, Friedlander AM, Clua EE, Danylchuk AJ. Life history characteristics of an exploited bonefish (*Albula glossodonta*) population in a remote South Pacific Atoll (2019). *Journal of Fish Biology* 95:562-574; doi.org/10.1111/jfb.14057
11. Rowley SJ, Roberts TE, Coleman RR, Spalding HL, Joseph E, Dorricott MKL. (2019) Pohnpei, Federated States of Micronesia. In: Loya Y., Puglise K., Bridge T. (eds) *Mesophotic Coral Ecosystems. Coral Reefs of the World*, vol 12. Springer, Cham

10. **Coleman RR**, Copus JM, Coffey DM, Whitton RK, Bowen BW (2018) Shifting reef fish assemblages along a depth gradient in Pohnpei, Micronesia. *PeerJ* 6:e4650; DOI 10.7717/peerj.4650
9. Dudoit A, Iacchei M, **Coleman RR**, Gaither MR, Browne WE, Bowen BW, Toonen RJ (2018). The little shrimp that could: phylogeography of the circumtropical shrimp, *Stenopus hispidus* (Crustacea: Decapoda), reveals divergent Atlantic and Pacific lineages. *PeerJ* 6: e4409
8. Selkoe KA, Treml EA, Wren JLK, Gaggiotti OE, Donovan M, Andrews K, Bernal MA, Bird C, Bolick H, Baums I, Bowen BW, **Coleman RR**, et al. (2016) The DNA of coral reef biodiversity: predicting and protecting genetic diversity of reef assemblages. *Proceedings of the Royal Society of London B: Biological Sciences* 283: 20160354
7. **Coleman RR**, Eble JA, DiBattista JD, Rocha LA, Randall JE, Berumen ML, Bowen BW (2016) Regal phylogeography: Range-wide survey of the marine angelfish *Pygoplites diacanthus* reveals evolutionary partitions between the Red Sea, Indian Ocean, and Pacific Ocean. *Molecular Phylogenetics and Evolution*. 100: 243-253.
6. Ahti PA, **Coleman RR**, DiBattista JD, Berumen ML, Rocha LA, Bowen BW. (2016) Phylogeography of Indo-Pacific reef fishes: sister wrasses *Coris gaimard* and *C. cuvieri* in the Red Sea, Indian Ocean and Pacific Ocean. *Journal of Biogeography*. 43:1103-1115
5. Bridge, TCL, Luiz, OJ, **Coleman, RR**, Kane, C, Kosaki, R. (2016) Ecological and morphological traits predict depth-generalist fishes on coral reefs. *Proceedings of the Royal Society of London B: Biological Sciences* 283: 20152332
4. Fernandez-Silva I., Randall JE, **Coleman RR**, DiBattista JD, Rocha LA, Reimer JD, Meyer CG, Bowen BW. (2015). Yellow tails in a Red Sea: Phylogeography of the Indo-Pacific goatfish *Mulloidichthys flavolineatus* reveals isolation in peripheral biogeographical provinces and a cryptic evolutionary lineage in the Red Sea that persisted through glacial cycles. *Journal of Biogeography*. 42: 2402-2413
3. Gaither MR, Bernal MA, **Coleman RR**, Bowen BW, Jones SA, Simison B, Rocha LA (2015) Genomic signatures of geographic isolation and natural selection in coral reef fishes. *Molecular Ecology*. 24: 1543-1557
2. **Coleman RR**, Gaither MR, Kimokeo B, Stanton FG, Bowen BW, Toonen RJ. (2014) Large-scale introduction of the Indo-Pacific damselfish *Abudefduf vaigiensis* into Hawai'i promotes genetic swamping of the endemic congener *A. abdominalis*. *Molecular Ecology* 23: 5552-5565
1. Selkoe KM, Gaggiotti OE, Andrews K, Bernal MA, Bird C, Bolick H, Baums I, **Coleman RR**, et al. (2014) Emergent patterns of population genetic structure for a coral reef community. *Molecular Ecology*. 23: 3064-3079

GRANTS, FELLOWSHIPS, AND HONORS**TOTAL: \$793,725**

2023	Maxwell Hanrahan Field Biology Award	\$100,000
2022	University of Jyväskylä Visiting Researcher Fellowship	€6,000
2021	Provost's Early Career Fellowship, University of Texas, Austin	\$120,000
2018	University of Hawai'i, Graduate Student Organization Research and Travel Award	\$635
2017	DeLill Nasser Award (Genetics Society of America)	\$1,000
2017	2017 Sarah Ann Martin Award in Biology (ARCS Scholar Foundation, Honolulu)	\$5,000
2016	The Colonel Willys E. Lord DVM & Sandina L. Lord Endowed Scholarship	\$3,000
2016	41 st Albert L. Tester Symposium, Best Paper – Honorable Mention	
2015	University of Hawai'i, Graduate Student Organization Research and Travel Award	\$463

2015	Sackler Colloquia Travel Award	\$450
2015	UH Sea Grant College Program (to PI B. Bowen, writing led by R. Coleman)	\$79,240
2015	Dr. Nancy Foster Scholarship, Office of National Marine Sanctuaries (NOAA)	\$196,000
2013	Watson T. Yoshimoto Scholarship	\$1,839
2013	University of Hawai'i Graduate Student Organization Research Travel Award	\$1,423
2011	NSF Graduate Research Fellowship Program (GRFP), 2011-2016	\$121,500
2011	Dr. Nancy Foster Scholarship, Office of National Marine Sanctuaries (NOAA) (<i>declined award</i>)	\$98,000
2011	Smithsonian Institution Fellowship Program	\$8,100
2008	NSF Undergraduate Biology Math Collaboration (UBM) Fellowship, 2008-2010	\$44,000
2010	Undergraduate Diversity at 2010 Evolution conference provided by NESCent	\$815
2010	2010 Benthic Ecology Meeting, Best Undergraduate Presentation – Poster Presentation	
2008	NSF Research Experience for Undergraduates	\$4,500
2008	Bay Scholarship	\$500
2008	Instructional Related Activities SFSU COSE Grant	\$260

PROFESSIONAL APPOINTMENTS

2023-present	Assistant Professor , Rosenstiel School of Marine, Atmospheric, and Earth Science, University of Miami
2021-2022	Provost Early Career Fellow , University of Texas, Austin
2022	.
2020-present	Research Associate , University of Central Florida
2021-2022	Lecturer , Northeastern University
2020	Adjunct Faculty , Hawaii Pacific University
2015-2019	Dr. Nancy Foster Scholar , Office of National Marine Sanctuaries (NOAA)
2011-2016	NSF Graduate Research Fellow , NSF Graduate Research Fellowship Program
2015	Graduate Research Assistant , Hawai Institute of Marine Biology
2011	Smithsonian Fellow , Smithsonian Institution
2010	Research Technician , Romberg Tiburon Center for Environmental Studies San Francisco State University
2008-2010	NSF UBM Fellow , Romberg Tiburon Center for Environmental Studies San Francisco State University

TEACHING EXPERIENCE

UNDERGRADUATE/GRADUATE COURSES

- 2021-2022 **Lecturer. Dept. of Marine and Environ. Sci., Northeastern University, Boston, MA**
EEMB 5506. Biology and Ecology of Coral Reef Fishes
EEMB 5507. Biology and Ecology of Coral Reef Fishes Lab
- 2020 **Lecturer. Dept. of Natural Sciences, Hawaii Pacific University, Kāneʻohe, HI**
BIOL 3081. Ecology Lab
MARS 3003, Oceanography, Physical and Biological
- 2014 **Teaching Assistant. Dept. of Biology, University of Hawaii, Manoa, Honolulu, HI**
Biol 265 Lab: Ecology and Evolution
- 2009 **Teaching Assistant. Dept. of Biology, San Francisco State University, San Francisco, CA**
Biol 585/586: Marine Ecology Lecture/Lab

GUEST LECTURES

- 2019 Biol 404 Advanced Topics in Marine Biology
University of Hawaii, Manoa, Honolulu, HI
- 2017 Biol 403 Field Problems in Marine Biology
University of Hawaii, Manoa, Honolulu, HI
- 2009 Biol 362, Field Methods in Ecology; Material and Methods in Rocky Intertidal Monitoring.
Sacramento City College, Sacramento, CA

FIELD EXPEDITIONS

- 2019 **Vanuatu.** Collection of specimens as part of a study investigating hybridization in pygmy angelfish. *10 days.* (PI: Iria Fernandez Silva, University of Vigo, Spain)
- 2017 **Kiritimati (Christmas Island), Kiribati.** Collection of specimens as part of a study investigating the origins of Hawaiian reef fishes. *7 days.* (PI: Brian Bowen, Hawaiʻi Institute of Marine Biology).
- 2015 **Papahānaumokuākea Marine National Monument.** Collection of specimens and survey of seamounts at mesophotic depths (76-92 m; 250-300'). *28 days at sea.* (PI: Randall Kosaki, NOAA).
- 2015 **Kimbe Bay, Papua New Guinea.** Coral surveys along a depth gradient (5-45m); Specimen collections. *30 days.* (PIs: Tom Bridge, T. Ed Roberts, James Cook University)
- 2014 **Pohnpei, Federated States of Micronesia.** Fish surveys along a depth gradient (5-60m); Specimen collections. *22 days.* (Field PI: **Richard Coleman**; Richard Pyle, Bishop Museum).
- 2013 **Philippines Biodiversity Expedition.** Collection of shallow and mesophotic reef fish as part of an ongoing genetic connectivity study and collaboration with the California Academy of Sciences. Our team collected over 1000 specimens representing over 200 species. *19 days.* (PI: Brian Bowen, Hawaiʻi Institute of Marine Biology).
- 2013 **Papahānaumokuākea Marine National Monument and Johnston Atoll.** Collection of shallow and mesophotic reef fish as part of an ongoing genetic connectivity study about the NOAA R/V Hiʻialakai; Islands visited: Nihoa, Laysan, French Frigate Shoals, and Johnston Atoll. Our team collected over 1000 specimens representing over 80 species. *26 days at sea.* (PI: Randall Kosaki, NOAA).
- 2013 **Red Sea Biodiversity Cruise, Saudi Arabia.** Census of the marine biodiversity of the Red Sea; Locations visited: Thuwal, Al Lith, Farasan Islands, South Farasan Banks. Collected specimens

- representing over 100 fish species. *12 days at sea*. (PI: Michael Berumen, King Abdullah University of Science and Technology).
- 2012 **Pacific Region, Johnston Atoll, the Phoenix Islands, and American Samoa**
NOAA Coral Reef Ecosystem Division (CRED) Cruise. International expedition aboard the NOAA R/V Hi'ialakai conducting over 35 coral and benthic surveys. Locations visited: Johnston Atoll, Howland Island, Baker Island, Swains Island and American Samoa. *28 days at sea*. (PIs: Jill Zamzow, Bernardo Angel-Vargas, NOAA).

PRESENTATIONS

INVITED PRESENTATIONS

- Coleman, RR.** Revealing connection in the sea: Insight into the processes shaping the spatial distribution of marine fishes. *8th Indonesian-American Kavli Frontiers of Science Symposium, National Academy of Sciences*. Yogyakarta, Indonesia. August 2022.
- Coleman, RR.** Revealing connection in the sea: Insight into the processes shaping the spatial distribution of marine fishes. *University of Jyväskylä*. Jyväskylä, Finland. June 2022
- Coleman, RR.** Revealing connection in the sea: Insight into the processes shaping the spatial distribution of marine fishes. *U.S. Kavli Frontiers of Science Symposium, National Academy of Sciences*. Irvine, CA. April 2022.
- Coleman, RR.** Revealing connection in the sea: Insight into the processes shaping the spatial distribution of marine fishes. *University of Texas, Marine Science Institute*. Port Aransas. March 2022.
- Coleman, RR.** Introduction to Close-Circuit Rebreathers. *University of Central Florida, Dive Safety Program*. Orlando, FL. March 2022.
- Coleman, RR.** Introduction to Close-Circuit Rebreathers. *University of Central Florida, Dive Safety Program*. Orlando, FL. February 2021.
- Coleman, RR.** Revealing connection in the sea: Insight into the processes shaping the spatial distribution of marine fishes. *University of A Coruña*. A Coruña, Spain. January 2021
- Coleman, RR.** Career Day: Working as a Marine Biologist. *Paradise Valley Elementary*. Morgan Hill, CA. January 2021.
- Coleman, RR.** Revealing connection in the sea: Insight into the processes shaping the spatial distribution of marine fishes. *Hawai'i Pacific University*. Kāne'ohe, HI. November 2020.
- Coleman, RR.** Introduction to Close-Circuit Rebreathers. *University of Central Florida, Dive Safety Program*. Orlando, FL. October 2020.
- Coleman, RR.** Patterns of connectivity in coral reef fishes across three spatial scales. *University of Central Florida Biology Seminar*. Orlando, FL. October 2019.
- Coleman, RR.** Where are all the fish going? Identifying patterns of genetic connectivity across the Hawaiian Archipelago. *NOAA National Marine Sanctuaries Webinar Series*. September 2019.
- Coleman, RR.** Genomics as a tool for identifying fine-scale patterns of connectivity. *Florid Keys National Marine Sanctuary*. Key West, FL. June 2019.
- Coleman, RR.** Finding Manini: Characterizing dispersal patterns of a common coral reef fish across the Hawaiian Archipelago. *Stakeholder Advisory Council (SAC) Meeting, Thunder Bay National Marine Sanctuary*. Alpena, MI. August 2018.
- Coleman, RR.** Evolutionary and contemporary patterns of connectivity and dispersal in coral reef fishes. *ARCS Foundation, Honolulu Chapter*. Honolulu, HI. April 2017.
- Coleman, RR, Kraft, D, Toonen RJ, Bowen BW.** From spawning to settlement: Parentage analysis of the Convict Tang, *Acanthurus triostegus*, around Oahu. *Future Leaders in Marine Science Student Research Symposium*. Honolulu, HI. February 2017.
- Coleman, RR, Eble, JA, DiBattista JA, Rocha LA, Randall JE, Berumen ML, Bowen BW.** Regal phylogeography: Range-wide survey of the marine angelfish *Pygoplites diacanthus* reveals

evolutionary partitions in the Red Sea, Indian Ocean, and Pacific Ocean. *Hawaii Pacific University, Marine Science Guest Speaker Seminar Series*. Kaneohe, HI. December 2015

Coleman, RR, Eble, JA, DiBattista JA, Rocha LA, Randall JE, Berumen ML, Bowen BW. Regal phylogeography: Range-wide survey of the marine angelfish *Pygoplites diacanthus* reveals evolutionary partitions. *California Academy of Sciences*. San Francisco, CA. November 2015

Coleman, RR., Gaither MG, Kimokeo B, Dudoit CA, Stanton FG, Bowen BW, Toonen RJ. Hybridization between a Hawaiian endemic and a recent colonizer. *9th Indo Pacific Reef Fish Conference*. Okinawa, Japan. June 2013.

CONTRIBUTED CONFERENCE PRESENTATIONS *Received presentation award

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. Genomic assessment of the larval odyssey: Self-recruitment and biased settlement in Hawaiian surgeonfish *Acanthurus triostegus sandvicensis*. *POSeas*. Virtual. October 2021.

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. From spawning to settlement: describing dispersal and connectivity in the Convict Tang, *Acanthurus triostegus*, across archipelago and island scales. *Symposium on Science in Support of Archipelagic Management*. Honolulu, HI. November 2018.

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. From spawning to settlement: Parentage analysis of the Convict Tang, *Acanthurus triostegus*, around Oahu. *Marine Evolution 2018*. Strömstad, Sweden. May 2018.

Coleman RR, Copus JM, Coffey DM, Whitton RK, Bowen BW. Shifting reef fish assemblages along a depth gradient in Pohnpei, Micronesia. *43rd Albert L Tester Symposium*. Honolulu, HI. April 2018.

Coleman, RR, Counsell, CW. Kinship among settling cohorts of fish reef across spatial and temporal scales. *HIMB Student Scholarship Symposium*. Kaneohe, HI. March 2018.

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. From spawning to settlement: Parentage analysis of the Convict Tang, *Acanthurus triostegus*, around Oahu. *European Coral Reef Symposium*. Oxford, England, UK. December 2017.

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. From spawning to settlement: Parentage analysis of the Convict Tang, *Acanthurus triostegus*, around Oahu. *10th Indo-Pacific Fish Conference*. Papeete, Tahiti, French Polynesia. October 2017.

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. From spawning to settlement: Parentage analysis of the Convict Tang, *Acanthurus triostegus*, around Oahu. *Joint Symposium on Ocean, Coastal and Atmospheric Sciences*. Honolulu, HI. September 2017.

Coleman, RR, Kraft, D, Toonen RJ, Bowen BW. From spawning to settlement: Parentage analysis of the Convict Tang, *Acanthurus triostegus*, around Oahu. *Evolution 2017*. Portland, OR. June 2017.

Coleman, RR, Eble, JA, DiBattista JA, Rocha LA, Randall JE, Berumen ML, Bowen BW. Regal phylogeography: Range-wide survey of the marine angelfish *Pygoplites diacanthus* reveals evolutionary partitions. *13th International Coral Reef Symposium*. Honolulu, HI. June 2016.

***Coleman, RR**, Eble, JA, DiBattista JA, Rocha LA, Randall JE, Berumen ML, Bowen BW. Regal phylogeography: Range-wide survey of the marine angelfish *Pygoplites diacanthus* reveals evolutionary partitions. *41st Albert L Tester Symposium*. Honolulu, HI. April 2016. Best Paper, Honorable Mention

Coleman, RR, Eble, JA, DiBattista JA, Rocha LA, Randall JE, Berumen ML, Bowen BW. Regal phylogeography: Range-wide survey of the marine angelfish *Pygoplites diacanthus* reveals evolutionary partitions. *Western Society of Naturalist*. Sacramento, CA. November 2015

Coleman, RR, Gaither MG, Kimokeo B, Stanton FG, Bowen BW, Toonen RJ. Large-scale introduction of the Indo-Pacific damsselfish *Abudefduf vaigiensis* into Hawai'i promotes genetic swamping of the

endemic congener *A. abdominalis*. 3rd *Asia-Pacific Coral Reef Symposium*. Kenting, Taipei. June 2014

Coleman, RR, Bowen. BW Investigating a low dispersal cardinalfish at the evolutionary boundary between Indian & Pacific Oceans. 39th *Albert L. Tester Symposium*. Honolulu, HI. April 2014

Bowen, BW, Rocha LA, Copus J, **Coleman RR** et al. Origins of Tropical Marine Biodiversity. *Philippines Bureau of Fisheries & Aquatic Resources*. Manila, Philippines. December 2013.

Coleman, RR, Gaither MG, Kimokeo B, Stanton FG, Bowen BW, Toonen RJ. Patterns of hybridization between an endemic (*Abudefduf abdominalis*) and a naturally introduced damselfish (*A. vaigiensis*) in the Hawaiian Archipelago. *Evolution, Ecology, and Conservation Biology Seminar*. University of Hawaii, Manoa, Honolulu, HI, November 2013.

Coleman, RR, Bowen BW. Phylogeography of the cardinalfish, *Pristiapogon kallopterus*. *Links between Hawai'i and Okinawa: Marine biology spanning the Pacific*. University of the Ryukyus. Okinawa, Japan. June 2013.

Coleman, RR., Gaither MG, Kimokeo B, Dudoit CA, Stanton FG, Bowen BW, Toonen RJ. Hybridization between a Hawaiian endemic and a recent colonizer. *Evolution, Ecology, and Conservation Biology Seminar*, University of Hawaii, Manoa, Honolulu, HI, November 2012.

Coleman, RR., Gaither MG, Kimokeo B, Dudoit CA, Stanton FG, Bowen BW, Toonen RJ. Using sequence data to evaluate hybridization between a Hawaiian endemic and introduced Indo-Pacific Sergeant Major (*Abudefduf abdominalis* x *A. vaigiensis*). *1st Joint Congress on Evolutionary Biology*, Ottawa, Canada, July 2012. Poster

Coleman, RR., Parenti L. Extraction of DNA from spirit preserved museum specimens and its application toward future molecular studies. *Smithsonian Institution Minority Awards Program 2011*, August 2011, Washington, D.C.

***Coleman, RR.**, Cohen, CS (2010). Genetic and Morphological Variation in the Six Rayed Sea Star, *Leptasterias* spp., in Central California.

- *Evolution 2010*, Portland, OR, June 2010. Poster Presentation
- **2010 Benthic Ecology Meeting*, Wilmington, NC, March 2010. Poster Presentation, Student Poster Award – Undergraduate Poster*
- *12th Bay Area Conservation Biology Symposium*, San Francisco, CA, February 2010. Oral Presentation

MEDIA ENGAGEMENTS

- 2017 **Interviewee.** Voice of the Sea. *The Kiritimati to Hawai'i Connection*
<https://youtu.be/GfCKz1sSiEM>
- 2017 **Education.** Facebook Live. Discussed my research and the importance of the National Marine Sanctuaries, NOAA.
- 2016 **Featured Scientist.** Special Issue: Graduate Education in the Ocean Sciences (2016). *Oceanography* 29(1): 88.
- 2016 **Guest Scientist.** Seafood Stories hosted by Fish Revolution. A 5-course dinner with sustainable seafood and discussions with scientists. <http://fishrevolution.org/>
- 2015 **Interviewee.** Alexander Deedy. "Hitching a Ride on the Great Pacific Garbage Patch" *Hakai Magazine*, <http://bit.ly/1NEpdsp>
- 2014 **Guest Blog Post.** Coleman, Richard. "Surveying the Mesophotic" Bishop Museum Current Research, <http://blog.bishopmuseum.org/research/2014/07/08/surveying-the-mesophotic/>
- 2010 **Interviewee.** "Studying the Stars of the Sea", *BIONews*, Spring 2010, Issue 8, San Francisco, CA.
http://biology.sfsu.edu/sites/default/files/Spring%202010%20Newsletter_0.pdf

ACADEMIC AND INSTITUTIONAL SERVICE

- 2013-2015 **At-Large Representative.** University of Hawai‘i, Graduate Student Organization.
 2013-2015 **Course Evaluation Committee.** University of Hawai‘i
 2013-2015 **Campus Art Advisory Committee.** University of Hawai‘i
 2013-2014 **Executive-at-Large, Oahu Campuses.** University of Hawai‘i Student Caucus
 2011-2012 **Graduate Student Representative.** Department of Biology (formerly Zoology),
 University of Hawai‘i, Mānoa, Honolulu, HI

OUTREACH AND PUBLIC SERVICE

- 2022 **Organizing Committee Member.** 8th Indonesian-American Kavli Frontiers in Science Symposium, National Academy of Sciences. Yogyakarta, Indonesia
 2022 **Session Organizer.** 8th Indonesian-American Kavli Frontiers in Science Symposium, National Academy of Sciences. Title: Marine microbial diversity in a changing environment. Yogyakarta, Indonesia
 2022 **Panel Member.** Early Career Panel Discussion. NOAA. Virtual
 2021, 2022 **Invited Guest Speaker.** Career Day. Paradise Valley Engineering Academy
 2022 **Invited Guest Speaker.** Career Day. Morgan Hills Unified School District
 2020 **Mentor.** Ecology and Evolutionary Biology Mentor Match Program
 2019 **Invited Guest Speaker.** National Marine Sanctuaries Webinar Series
 2016-2017 **Education.** La Holoholo Paepae ‘o He‘eia, Kāne‘ohe, HI
 2017 **Education.** Voice of the Sea: Meet, Greet, and View!, SOEST (School of Ocean and Earth Sciences) Open House, Honolulu, HI
 2017 **Education.** La Holoholo Loko Ea, Haleiwa, HI
 2017 **Education.** Adopt-a-Scientist Program. University of California, Irvine.
 2016 **Session Chair.** 13th International Coral Reef Symposium. Session Title: Coral reefs in extreme, compromised and marginal environments, and their role as refugia – Highly stressed, urbanized and exposed systems. Honolulu, HI
 2016 **Volunteer.** 41st Albert L. Tester Symposium, University of Hawaii, Manoa. Honolulu, HI
 2015 **Science Judge.** Honolulu District Science and Engineering Fair. Honolulu, HI
 2011, 2013 **Education.** Exhibit: “Science Island – The Hawai‘i Institute of Marine Biology Community Education Program” School of Ocean and Earth Sciences Open House, Honolulu, HI
 2013 **Education.** Centers for Ocean Sciences Education Excellence. Hawaii Ocean Expo 2013, Honolulu, HI
 2011, 2013 **Education.** Tide pool walk. Mililani-Mauka Elementary School, Mililani, HI
 2011 **Education.** Exhibit: “Science Island – The Hawai‘i Institute of Marine Biology Community Education Program.” 2011 School of Ocean and Earth Sciences Open House, Honolulu, HI
 2011, 2012 **Fundraising.** Fund Drive, Hawaii Public Radio, Honolulu, HI
 2011 **Poster Judge.** 36th Albert L. Tester Symposium 2011, University of Hawai‘i, Mānoa, Honolulu, HI
 2009 **Education.** Sand Crab Beach Monitoring, Long-term Monitoring Program & Experiential Training for Students (LiMPETS), San Francisco, CA
 2008, 2009 **Education.** Discovery Day, Romberg Tiburon Center for Environmental Studies, Tiburon, CA
 2009 **Education.** 2009 Sneak Preview, San Francisco State University, San Francisco CA
 2009 **Moderator.** National Ocean Science Bowl, San Francisco State University, San Francisco, CA

PROFESSIONAL SERVICE

MANUSCRIPTS REVIEWED

Annals of Aquaculture and Research (1), Bioinvasions Records (2), Conservation Genetics (2), Coral Reefs (3), Global Ecology and Biogeography (1), Journal of Biogeography (5), Journal of Experimental Marine Biology and Ecology (1), Marine & Freshwater Research (2), Marine Biodiversity Records (2), Marine Biology (3), Molecular Biology Reports (1), Molecular Ecology (4), Molecular Phylogenetics and Evolution (3), PeerJ (2), PLOS ONE (8), Proceedings B (2), Reviews of Fish Biology and Fisheries (1), Royal Society Open Science (2), Thalassas (2), Turkish Journal of Fisheries and Aquatic Sciences (1), Zootaxa (1)

GRANTS REVIEWED

National Fish and Wildlife Foundation (2016), NOAA Office of Ocean Exploration and Research (2020)

RESEARCH SKILLS

LABORATORY TECHNIQUES

- RAD Sequencing library preparation: ezRAD, ddRAD
- Polymerase chain reaction (PCR), gel electrophoresis, cycle sequencing
- DNA Extractions: methods include Phenol/Chloroform, Chelex, HotSHOT, extraction kits (Omega, Qiagen), spirit preserved tissue

ORGANISMAL IDENTIFICATION

- Pacific Ocean coral reef fish (field experience in Hawai'i, Micronesia, Philippines, Papua New Guinea, Vanuatu), Red Sea coral reef fish (Saudi Arabia) and Pacific Northwest intertidal invertebrate (California)

BOATING SAFETY

- Boat U.S Foundation's Boating Safety Course: Hawaii
- US Department of Interior, Motorboat Operator Certification Course, Open Water Module

DIVING RELATED CERTIFICATIONS

AAUS SCIENTIFIC DIVER: University of Hawaii Scientific Diver

- TDI Evolution Advanced Mixed Gas (#612094)
- TDI Inspiration/Evolution Air Diluent Closed-Circuit Rebreather Diver (#487076)
- NAUI Master Diver (#cole42780ricmsd), Enriched Air Nitrox (EANx), SCUBA Rescue Diver
- PADI Open Water Diver
- PADI Dry Suit Diver
- CPR, First Aid, AED, as of 02/2022 (Divers Alert Network)
- Depth Authorization: 300 fsw (91 m); Deepest logged dive: 341' (104 m)
- Logged Research Dives: 400+; including 75+ Closed-Circuit Rebreather dives
- Endorsements: Enriched Air Nitrox, Dive Computer, Bluewater/Open Ocean Diving, Closed-Circuit Rebreather (APD Inspiration Vision), Staged Decompression Diving, Technical Nitrox, Trimix Diving
- Additional Pertinent Training: Bloodborne Pathogens (DAN); Hazardous Marine Life First Aid (DAN)