Education:
B.A., Biology, Hiram College, Ohio
M.Sc., Environmental Studies, College of Charleston, South Carolina

Research interests:
My research interests include scleractinian coral taxonomy, benthic community responses to natural and anthropogenic stressors, coral reef management effectiveness, reef monitoring methods effectiveness, coral reef biodiversity assessment and conservation, and reef restoration techniques

As a Research Associate with the University of Guam Marine Laboratory I am responsible for coordinating the NOAA Coral Reef Conservation Program-funded Guam Long-term Monitoring Program and managing the National Science Foundation EPSCoR-funded University of Guam Marine Laboratory Biorepository. In my role as monitoring program coordinator I lead a team of biologists in the collection of biological and environmental data at high priority reef areas around Guam, with the aim of tracking changes in the status of key indicators of coral reef condition at these sites and identifying possible drivers of these changes. Monitoring Program team members also play key roles in rapid response efforts, such as coral bleaching response assessments and vessel groundings. As manager of the Marine Laboratory Biorepository I am responsible for coordinating the curation and digitization of Marine Laboratory collections, and facilitating the broad availability of specimen records to researchers and others around the globe. When off the clock I have contributed to several publications, such as the book, *Environments of Guam*, edited by Dr. Danko Taborosi, and "Corals of the Mariana Islands", a yet-to-be published, multi-volume series co-authored with Richard Randall. I also created and maintain the guamreeflife website (http://www.guamreeflife.com), which is dedicated to raising awareness of Guam's rich marine biodiversity.

Selected publications

- Raymundo, L., D. Burdick, V. Lapacek, R. Miller, and V. Brown. 2017. Anomalous temperatures and extreme tides: Guam staghorn Acropora succumb to a double threat. Marine Ecology Progress Series 564: 47-55.

- Burdick, D. and P. Houk. 2015. Marine habitats of the Commonwealth of the Northern Mariana Islands. Report prepared for the CNMI Department of Lands and Natural Resources Division of Fish and Wildlife.

- Reynolds, T., D. Burdick, P. Houk, L. Raymundo, and S. Johnson. 2014. Unprecedented coral bleaching across the Mariana Archipelago. Coral Reefs 33: 499.

- Burdick, D. 2008. The effectiveness of macroalgal reduction and *Diadema antillarum* addition in limiting macroalgal growth and facilitating coral recovery. Proceedings of the 11th International Coral Reef Symposium, Ft. Lauderdale, Florida, 7-11 July 2008.

- Burdick, D., V. Brown, J. Asher, C. Caballes, M. Gawel, L. Goldman, A. Hall, J. Kenyon, T. Leberer, E. Lundblad, J. McIlwain, J. Miller, D. Minton, M. Nadon, N. Pioppi, L. Raymundo, B. Richards, R. Schroeder, P. Schupp, E. Smith, and B. Zgliczynski. 2008. Status of the Coral Reef Ecosystems of Guam. Bureau of Statistics and Plans, Guam Coastal Management Program. iv + 76 pp.

- Burdick, D. 2005. Guam Coastal Atlas. University of Guam Marine Laboratory, Technical Report 114. 149 pages