

MEET THE SCIENTISTS



Meet the faces behind the data, maps, and published papers! Learn about their work and other interests that you might share with them at GNA's Heart-A-Scientist on February 13, 2016 at Horse and Cow from 6-8pm.



Roque Rosario, Environmental Work at Spatial Environmental Solutions Corporation
Field of Study/ Expertise: Environmental Science & GIS

One benefit Roque enjoys about doing GIS and surveys for work is that it takes him to places all over the Guam (no wonder you might see him random places around the island). When he's not working, Roque is usually volunteering, building things (like a photo quadrat for fun), and fixing cars. His favorite place on Guam is the driver seat because it takes him anywhere he wants to go.

Devin Resko, Graduate student and Sea Grant Fellow at UOG Marine Lab
Field of Study/ Expertise: Marine Biology

For his thesis work, Devin's focus is on shark telemetry but he also assists with coral genetics work on the side. He's waiting for the day he sees his favorite species, the Shortfin Mako Shark (*Lsurus oxyrinchus*) if he can spot it quick enough; it swims fast enough to get pulled over on Guam's roads (up to 46 mph!) He loves to spend quality time with his newly adopted dog, diving, and surfing at Talofofo Bay. You're likely to encounter him at his favorite spots Caliente or exploring Asiga caves.



Diane Vice, Wildlife Supervisor at Guam Dept. of Agriculture – Division of Aquatic & Wildlife Resources (DAWR)

Field of Study/ Expertise: Wildlife Management – Endangered Species Recovery/ Invasive Species Control
Diane manages grants and projects that monitor game (not video games!) and restore Guam's native wildlife and their habitats. She's "koo koo" over the Guam Ko'ko' bird because it is an "only on Guam" species and restoring birds on Cocos Island has been her life's work. When she's not saving Ko'ko,' she's hanging out with her kids, being their taxi driver, or paddling or snorkeling in the ocean.

Curt Fiedler, Associate Professor in Biology at UOG

Field of Study/ Expertise: Invertebrate Zoology, Animal Behavior, Photography

Curt loves the outdoors, whether it's for work or for fun. When he's not collecting data on *Samoana fragilis* (Fragile Tree Snail), he enjoys nature photography as well as Ultimate Frisbee and hiking. He spends time working in his laboratory in the Terrestrial, Marine, and Freshwater Invertebrate Lab (TMFI Lab) where he can take a closer look and study tree snail biology and conservation and reproductive biology of arthropods and molluscs.



Joni Kerr, Science Instructor at Guam Community College

Field of Study/ Expertise: Marine Biology Education

Joni teaches a variety of subjects at GCC including: marine biology, chemistry, taught environmental biology, human anatomy, and physiology. She loves to snorkel, especially when she spots favorite fish family *Tetraodontidae* such as purffers, boxfish, cowfish and watches their cute, but awkward swimming. Her favorite plant *Cycas micronesica* because of its cool thermogenesis story. Joni is a lady of land and sea and shows her passion by getting involved with marine and terrestrial environmental issues.





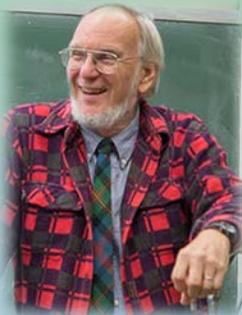
Dan Lindstrom, Researcher and Instructor at UOG Biology Department
Field of Study/ Expertise: Aquatic Biology, Ichthyology, Genetics of Tropical Stream Fauna
Between class and his lab, Dan's work revolves around collecting stream animals for genetics research at UOG. Talofofu River and Bay are two of his favorite places because of its beauty and it's in his neighborhood, he's especially happy when he finds a group of goby species that live in streams in tropical islands. A few of Dan's hobbies include scuba diving, auto mechanics, and sailing.



Tom Schils, Researcher and Instructor at University of Guam Marine Laboratory
Field of Study/ Expertise: Marine biology – Marine Plants (Algae, Cyanobacteria, and seagrasses)
When he's not adoring his favorite group of algae – "gooeys" aka gelatinous red algae, Tom loves family time, running, surfing, and spending time at his favorite spot on Guam - Talofofu Bay. A few projects Tom's working on in Guam: developing new strategies for marine monitoring, documenting Guam's floristic diversity, invasive species research, and biogeographic/ecological studies.



Xiao Wei, Researcher and Assistant Professor of Biology at UOG
Field of Study/ Expertise: Plant Evolution
As a researcher at UOG, Xiao is currently studying how plants migrate through islands. Her favorite species is the Blue Poppy Flower because of its blue color. On her free time, you can find her cooking something delicious or hiking to her favorite place on Guam, Mt. LamLam to explore the many interesting plants she finds there.



Chris Lobban, Researcher at UOG
Field of Study/ Expertise: Environmental Biology and Algae – diatoms, ciliates, microscopy
There's no place like home for Chris – literally, his favorite place is the balcony view of his backyard – green and peaceful. He loves scuba diving and writing. Some fun work he has done on Guam is researching coral reef diatom biodiversity – a phycological treasure hunt. One aspect he enjoys about his work is finding and naming new species, like his favorite species *Hanicella moenia*, a beautiful ribbon-forming diatom whose genus name is attributed to his undergraduate research mentor.



Else Schils, Director of Natural Resources at Center for Island Sustainability, UOG
Field of Study/ Expertise: Biology, Botany, Ecology
Else's work on Guam involves studying rare, endemic plants, sustainability, and natural resource management. A couple of her favorite species are *Serianthes nelsonii* (*Hayun lagu*), the largest tree in Marianas and *Fagraea berteriana* (*pua kenikeni*), which is in urgent need of protection. During her free time she enjoys running, swimming, and dancing. She finds beauty in all aspects of Guam: the ocean, people, and culture.



Valerie Brown, Fishery Biologist at NOAA Fisheries
Field of Study/ Expertise: Coral Reef Ecology/ Management
Valerie conducts underwater surveys of fish and coral reef habitat around Guam. Out of the water, she works with other government agencies to make reefs more resilient and protect fish habitat. During free time, she still spends lots of time in the water free diving or scuba diving, especially if she sees her favorite species, an octopus. Her favorite place on Guam is Pati Point because of the really cool fish there and it gives her a little glimpse of what Guam's reefs might have looked like decades ago. When she's not in the water, you can find her hunting or hiking. A few things she enjoys about work is working with the community through the community coral reef monitoring program, going on big ships to the Northern Marianas Islands or dissecting dead whales.



Jane Dia, Resource Information and Education Officer at Guam Dept. of Agriculture – DAWR

Field of Study/ Expertise: Communication in Conservation

Jane leads the Rare Pride Campaign – Piti Pride. Tepungan Wide. No wonder her favorite species is *Hangan* or *Naso lituratus* (Orange Spine Unicorn Fish)! Jane loves to travel and enjoy the outdoor environment through hiking or swimming. Her favorite place is Ipan, Guam since it's a great place to live (won't argue with that!). The best part about her job is meeting and learning from the local community members and families.

Bart Lawrence, Assistant Director for Conservation Operations at USDA Natural Resources Conservation Service

Field of Study/ Expertise: Tropical Forestry/ Agroecology/ Soils/ Entomology/Ethno-botany

Bart supervises NRCS field staff in Hawaii, American Samoa, Guam, CNMI, Palau, and the Federated States of Micronesia. He also supports the delivery of USDA NRCS 2014 Farm Bill conservation programs. For his work on Guam, he enjoys farm/garden workshops and the Guam *Fadang* Survey. His favorite species, *Artocarpus marainensis*, the *lemai* tree or 'tree of life' is a multiple-use species richly woven in the culture, such its important use in Micronesian seafaring canoe culture. A man of the great outdoors (and other random things), Bart enjoys plants, coffee, hikes, taking pictures of bugs, Korean Drama, and exploring his favorite place in Guam – the Northern Guam Limestone Forest.



Nicole Burns, Graduate student and Research assistant at UOG Marine Lab

Field of Study: Marine Biology – focus on Conservation and Marine Biodiversity

For her research, Nicole is growing corals in an underwater nursery in Piti that will eventually be outplanted in different areas of the island for coral reef restoration. When she's not being the best coral babysitter on island, she enjoys running, diving for fun, appreciating her favorite species the Spotted Eagle Ray and watching sunsets and enjoying the scenery from the roof of UOG's Marine Lab.

Tedros Bezabeh, Researcher and Professor at University of Guam

Field of Study: Application of Chemistry in the Early Detection of Cancer

Tedros teaches chemistry at UOG and also works on cancer research, specifically figuring out why certain types of cancer are so prevalent in Guam. He loves soccer (playing and watching soccer games). His favorite place on Guam is Two Lovers Point for its scenic beauty and the Chamorro legend behind it. Ants are his favorite species because (brace yourself!) they will be the dominant species of the future. At least, he'll be on the ants "good side!"



Linda Tatreau, Advisor for Marine Mania

Linda Tatreau has twenty-five years of teaching marine biology on the tropical island paradise of Guam under her belt. Linda is also an advisor for Marine Mania, a group of high school students working to protect the marine environment for 24 years. Linda received her undergraduate degree in biology from San Diego State University and studied marine biology at the University of Guam Marine Lab. Linda has been on five different ocean expeditions including: the University of Hawaii's Mud Volcanoes Mantle (Ooze Cruise) expedition in 2003, Nereus expedition to Challenger Deep in 2009, NOAA's Teacher at Sea in 2010, and R.V. Falkor expedition to Sirena Deep in 2014. Throughout her cruises, Linda supported outreach efforts, built lesson plans for teachers, and connected students with crew and scientists on these expeditions. She'll never forget when the deepest fish ever seen by man was photographed at 8,143 meters while onboard R.V. Falkor.

