

NATALY GUTIÉRREZ-ISAZA

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Marine Palaeoecology Lab, Gehrmann Building (60), Level 8 School of Biological Sciences,
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Education and Professional Experience

- 2017 - Current PhD - University of Queensland Thesis topic: Ecological stoichiometry of coral larvae Supervisor: Professor John M. Pandolfi
- 2013 El Colegio de la Frontera Sur, Chetumal-Quintana Roo (México), M.S in Natural Resources and Rural Development. Honorific Mention. Thesis: Endolithic community of *Orbicella faveolata* (Scleractinia) underneath the interface between coral tissue and epilithic macroalgae.
- 2010 Universidad de Antioquia (Colombia), B.S. in Biology, Thesis: Estimation of decomposition rates from some exotic and native tree species leaf litter in a tropical lotic system (Las Piedras stream, San José del Nus).

Appointments

- 2014-2017 University of Antioquia (Corporación Ambiental), Researcher
Medellín, Colombia
- 2009-2010 University of Antioquia and USAID, Field assistant Medellín, Colombia
- 2009-2010 University of Antioquia and **Governor's Office from Antioquia**, Research
assistant Medellín, Colombia
- 2008-2009 University of Antioquia, Laboratory and field assistant Medellín, Colombia
- 2006 University of Antioquia, Administrative assistant Medellín, Colombia

Research Experience

- 2014-2017 *Priority Guidelines for the Formulation of a Fisheries Management Gulf of Urabá*. Research Project, University of Antioquia and General System of Royalties, Antioquia-Colombia. **Principal Investigator: Jenny Leal-Flórez**.

Grants and awards

- 2017-2020 Research Training Scholarship, The University of Queensland (Tuition fee offset and living allowance stipend).
- 2012-2013 CONACYT - National Council for Science and Technology Full scholarship to study M.S program in México.

Publications

- 2015 **Gutiérrez-Isaza, N.**, Espinoza-Avalos, J., León-Tejera, H.P. y González-Solís, D. “Endolithic community composition of *Orbicella faveolata* (Scleractinia) underneath the interface between coral tissue and turf algae” *Coral Reefs* (DOI 10.1007/s00338-015-1276-0).
- 2014 Blanco-Libreros, J.F., **Gutiérrez-Isaza, N.** “Leaf litter mass loss rates and associated fauna of tree species commonly used in neotropical riparian reforestation” *Acta biológica Colombiana* 19(1):89-98.
- 2010 **Gutiérrez-Isaza, N.**, Blanco-Libreros, J.F. “Red mangrove (*Rhizophora mangle*) health evaluated from allometric relationships of leaves, on the Gulf of Urabá, Colombian Caribbean coast” Book of extended abstracts *XIV National Seminar on Science and Technology of the Sea (SENALMAR)* Special Publications Series No. 21, 578 p.

Presentations

- 2015 **Gutiérrez-Isaza, N.**, Espinoza-Avalos, J., León-Tejera, H.P. & González-Solís, D. “Phototrophic endolithic community of *Orbicella faveolata* (Scleractinia) underneath the interface between coral tissue and turf algae”. *XVI Latinoamerican Congress of Sea Science - Colacmar and XVI National Seminar on Science and Technology of the Sea – (SENALMAR)*, Santa Marta, Colombia.
- 2014 **Gutiérrez-Isaza, N.**, Espinoza-Avalos, J., León-Tejera, H.P. & González-Solís, D. “Phototrophic endolithic community of *Orbicella faveolata* (Scleractinia) underneath the interface between coral tissue and turf algae”. *X Phycology Congress of Latinamerica and the Caribe*, Metepec, México.
- 2011 **Gutiérrez-Isaza, N.** “Mangroves’ health”. International Defense Day of Mangrove Ecosystem, Medellín, Colombia.
- 2010 **Gutiérrez-Isaza, N.** & Blanco-Libreros, J.F. “Red mangrove (*Rhizophora mangle*) health evaluated from allometric relationships of leaves, on the Gulf of Urabá, Colombian Caribbean coast” *XIV National Seminar on Science and Technology of the Sea (SENALMAR)*, Cali, Colombia.

Courses and workshops

- 2016 (Aug) Advance Open Water Diver Certification (PADI)
- 2016 (Jan-Feb) Course of marine macroalgae. Dictated by: Lizette Quan-Young. University of Antioquia, Turbo, Colombia. Duration: 20 hours.
- 2015 (Jun) Course of stranding care training, rescue and rehabilitation of marine mammals. Dictated by: OMACHA Foundation. University of Antioquia, Turbo, Colombia. Duration: 14 hours.

- 2014 (Oct-Nov) Photography workshop. Dictated by: Coordination of Extension and Welfare-University of Antioquia, Turbo, Colombia. Duration (24 hours).
- 2014 (Sep) Management of Fisheries Stocks. Dictated by: Miguel Petrere. University of Antioquia, Turbo, Colombia. Duration (80 hours).
- 2014 (Aug) Open Water Scuba Diver Certification (CMAS).

Synergistic Activities: Participation on events organization for communicating science

- 2015 Regional Event: “V Academic Meeting World Oceans Day: Antioquia facing the sea” Turbo, Antioquia-Colombia
- 2013 ECOSUR open house for kids. Chetumal, Quintana Roo-México
- 2009 Regional Seminar: “II Seminar URAMAR: Working on the sustainable development of our biodiversity”. Turbo- Antioquia.
- 2009 Monthly lecture series: "URAMAR: A look at our Antioquian sea" University of Antioquia, Medellín.