

Lisby F. Santiago Pagán



Current Status:

Bachelor Student

Dept. of Chemistry, UPR – Río Piedras

Email:

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Education:

2017-present University of Puerto Rico, Río Piedras

May 2021 BS Chemistry (expected)

Research Interest:

My research project is based on the study of the Caribbean coral *Acropora cervicornis* with the means to evaluate how environmental stressors affect the response of the coral's immune system. This is measured through monitoring of FP levels and phenoloxidase activity, a precursor for the melanin synthesis. Considering recent tropical events that have affected our island's biome, the study of the corals will work as a model to predict how environmental stress factors affect the organism's physiological response. Furthermore, deeper knowledge of this organism's biological activities is an open pathway for applied biomedical research.

Honors:

2018-present Dean's List

2019 Honor Roll of the Natural Science Faculty

2019 Research Initiative for Scientific Enhancement (RISE)

Undergraduate Member