

Biographical sketch

Emmanuel A. Carrasquillo-Dones

Current status

PhD student

Dept. of Biology, UPR-Rio Piedras

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Education

2008-2010	A.A. Industrial Automation
2010-2015	B.S. Interdisciplinary Sciences
2015-present	UPR-Rio Piedras
2020	PhD Biology(expected)

Current Research Interest: My research interest is focused in the genomic expression responsible for causing Congenital Heart Diseases (CHD). We are currently working with interactomes between mutated DNA-binding proteins, transcription factors, and the DNA sequences they recognize that have been linked to CHD.

Research Experience

2017-present	Research assistant, (mentor Dr. Jose A. Rodriguez-Martinez)
2015-2017	Research assistant, (mentor Dr. Gary A. Toranzos Soria)
2013	Research assistant, (mentor Dr. Maria Del Pilar Angulo)
2012	Research assistant, (mentor Dr. Jose Valentin)
2011	Research assistant, (mentor Samuel Martinez)

Presentations at Local Meetings

Rodriguez-Stewart, R., Nieves, S., Montes, L., Carrasquillo-Dones, E., Rivera, Y., Toranzos, G.A. Enterococci populations dynamics on tropical beach sand in Oceans Puerto Rico. Third Student Research Symposium 2014 by the Sociedad de Microbiologos de Puerto Rico (SMPR) in the University of Puerto Rico Mayaguez campus. October 2014.

Presentations at National Meetings

Rodriguez-Stewart, R., Nieves, S., Montes, L., Carrasquillo-Dones, E., Rivera, Y., Toranzos, G.A. Enterophage presence in Enterococci strains isolates from beach sand. American Society of Microbiology (ASM) annual meeting in New Orleans. June, 2015.