

Biographical Sketch

Diego A Rosado Tristani

Current Status:

PhD Student

Dept. of Biology, University of Puerto Rico-Rio Piedras

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Education:

2012-2018	Bachelor's in Biology
2018-present	UPR-Rio Piedras
2021	PhD Biology (Expected)

Research Interest:

My research is focused in the DNA-Protein interactions observed with Transcription Factors. These proteins are a key in understanding cell differentiation and gene expression, as they are regulatory factors. I am interested in identifying what transcription factors bind given a chromatin region. I also focus in applying bioinformatics techniques to predict an organism's transcription factor repertoire and where these bind to chromatin.

Research Experience:

2019 – present	Study of Transcription Factors (Mentor: Dr. Jose A Rodriguez Martinez)
2018	Gastropods as Vectors of Escherichia coli (Mentor: Dr. Gary A Toranzos)
2017-2018	Characterization of Fish Digestive Enzymes (Mentor: Dr. John M Uscian)

Other Research Activities

2019 Software Carpentry Workshop
2019 Data Intensive Biology Summer Institute

Honors:

2015 Golden Key International Honor Society
2018 UPRM Magna cum Laude
2019 Research Initiative for Scientific Enhancement (RISE) Fellowship