

Brenda I. César Hernández

Bachelor in Molecular and Cellular Biology

University of Puerto Rico, Río Piedras Campus (2016 – Present)

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Research Interests

I want to analyze the genome and its proteins separately and their interactions between one another in order to understand protein-DNA complexes and cellular pathways they convey in both affected and non-affected individuals. I want to help understand the biochemistry behind DNA-protein interactomes to help shape future biomedical researches in order to understand congenital diseases.

Research Experience

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| 2017 – Present | Study of Interaction and Molecular Recognition of Protein-DNA Complexes via Specificity of Cardiac Transcription Factors (TFs)
University of Puerto Rico, Julio García Díaz Building Professor José Rodríguez |
| 2018 (Summer) | Genetic Variation in Sperm Lysin in Pacific Abalone
University of Washington, Genome Sciences Professor Willie Swanson |

Honors

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| 2016 – Present | Honor's Dean List |
| 2018 – Present | MARC Undergraduate Student Training in Academic Research (U-Star) Fellowship |

Presentations

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| 2018 | Departmental & Campus-wide Poster Session at the University of Washington |
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Other

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| 2014 – Present | Violin Student Professor Annette Blackman |
| 2017 – Present | German Language Professor Sven-Ole Andersen |