

CHRISTIAN JOSÉ HIEU ROIG-LABOY

Department of Biology
University of Puerto Rico at Cayey
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EDUCATION

University of Puerto Rico at Cayey B.S. Natural Science with a Major in Biology	2017-Present Cayey, PR
Guamaní Private School High School Diploma	2014-2017 Guayama, PR

HONORS AND AWARDS

7th Student Symposium for Investigations, Creation and Community Service University of Puerto Rico Campus at Cayey	2020 Cayey, PR
Recipient of the Frank G. Brooks Award National Biological Honor Society (TriBeta)	2019 Humacao, PR
First Place Winner of TriBeta's Regional Convention Oral Presentation	2019 Humacao, PR
Frank G. Brooks Winner's Grant (\$800) National Biological Honor Society (TriBeta)	2019 Cayey, PR
Department of Biology Symposium Oral Presenter University of Puerto Rico Campus at Cayey	2019 Cayey, PR
Poster Organizer SEA-PHAGES Symposium Janelia Research Campus	2017-2018 Ashburn, VA

RESEARCH EXPERIENCE

Analyzing Tape Measure Proteins and Their Importance in the Assembly Order of Bacteriophages University of Puerto Rico Campus at Cayey HHMI <i>Advisor: Dr. Edwin Vázquez de Jesús</i>	2020 Cayey, PR
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<p>Analysing Protein Structures of Lysin and Holin Proteins Found in the Genomic Sequences of Bacteriophages Ennea and Zayuliv University of Puerto Rico Campus at Cayey HHMI <i>Advisor: Dr. Edwin Vázquez de Jesús</i></p>	<p>2020 Cayey, PR</p>
<p>Analyzing Protein Structures of Lysin and Holin Genes in Bacteriophages Isolated from Topical Soils of Puerto Rico Using G.Terrae University of Puerto Rico Campus at Cayey HHMI <i>Advisor: Dr. Edwin Vázquez de Jesús</i></p>	<p>2019 Cayey, PR</p>
<p>Genomic Comparison of a Set of Diverse Bacteriophages Isolated from Puerto Rico University of Puerto Rico Campus at Cayey HHMI <i>Advisor: Dr. Edwin Vázquez de Jesús; Dr. Micabel Rubin</i></p>	<p>2018 Ashburn, VA</p>
<p>Genomic Characterization of Bacteriophages Isolated from Tropical Soils of Puerto Rico University of Puerto Rico Campus at Cayey HHMI <i>Advisor: Dr. Edwin Vázquez de Jesús; Dr. Micabel Rubin</i></p>	<p>2017 Ashburn, VA</p>

PUBLICATION

Genomic Characterization of Bacteriophages Isolated from Tropical Soils of Puerto Rico

Agnes M Cotto-Pereira, Natasha S Gracia-Marquez, Janicelly Benitez-Davila, Nicole M Cruz-Reyes, Christopher D Cruz-Lopez, Jean C Cruz-Ortiz, Maria A Cruz-Ortiz, Ingrid N DeLeon-Ruiz, Cristina M Delgado-Rivera, Yaritza C Desarden-Rivera, Roshanara M Diaz-Mejia, Dainaris Diaz-Ramos, Mitzy G Dominguez-Vera, Mariel Estrada-Lozada, Stephanie Estrada-Mojica, Paul Etienne-Gonzalez, Leilani Figueroa-Gomez, Genesaret Flores-Roque, Alexandra Garcia-Rodriguez, Stephanie M Gomez-DeJesus, Malvin J Gonzalez-Osorio, Peter B Gonzalez-Rivera, Sonia N Gonzalez-Galarza, Manuel A Gutierrez-Alicea, Carlos J Guzman-Berrios, Adriana S Hernandez-Rivera, Melvin J Hernandez-Flores, Alejandra Huertas-Ayala, Paola S Llinas-Santos, Naomi N Lopez-Colon, Gabriela N Lopez-Santiago, Elvis Lopez-Torres, Stephanie D Lopez-Rivera, Adriana A Luna-Velazquez, Jose E Rios-Castillo, Fabiola Rodriguez-Colon, Christian J Roig-Laboy, Idamis Z Rosado-Gonzalez, Joshua Santiago-Mendez, Andrea C Vincenti-Perez, Carlos E Ocasio-Caldero, Mariceli Fernandez-Martinez, Edwin Vazquez, Michael R Rubin Howard Hughes Medical Institute (2017)

PROFESSIONAL ENRICHMENT

<p>Leadership Alliance Professional Development Virtual Series Host: Brown University</p>	<p>June 2020 Cayey, PR</p>
<p>3rd Annual Symposium (RISE) University of Puerto Rico Campus at Cayey</p>	<p>January 2019 Cayey, PR</p>

Middle and High School Science Fair Guest Judge
Secondary School Specializing in Science, Mathematics and Technology
(CIMATEC)

January 2019
Caguas, PR

EXTRACURRICULAR ORGANIZATIONS

Leadership Alliance Member Chapter of Brown University	2020-Present Providence, RI
Board Member of the General Student Council University of Puerto Rico Campus at Cayey	2019-Present Cayey, PR
Member of the National Biological Honor Society Tribeta βββ, Chapter Zeta Epsilon	2018-Present Cayey, PR
Member of the General Student Council University of Puerto Rico Campus at Cayey	2017-Present Cayey, PR
Executive Secretary of the National Student Confederation University of Puerto Rico	2021 Cayey, PR
President of the General Student Council University of Puerto Rico Campus at Cayey	2020-2021 Cayey, PR
Interim Academic Senator for the School of Natural Sciences University of Puerto Rico Campus at Cayey	2020 Cayey, PR
Academic Senator for the School of Natural Sciences University of Puerto Rico Campus at Cayey	2019-2020 Cayey, PR
Delegate of the National Student Confederation (C.E.N) on behalf of the General Student Council University of Puerto Rico Campus at Cayey	2019-2020 Cayey, PR
Academic Senate Board Member for the Interview Committee, Commission of Academic Affairs, Commission of Student Affairs, Commission of Deans Query Search, and Safety and Scrutiny Committees University of Puerto Rico Campus at Cayey	2019-Present Cayey, PR
Board Member of the National Biological Honor Society Tribeta βββ, Chapter Zeta Epsilon	2019-2020 Cayey, PR

Member of Sexuality and Gender Acceptance (S.A.G.A) 2018-2019
University of Puerto Rico Campus at Cayey Cayey, PR

Student-Athlete of the Interuniversity Athletic League(LAI) 2017-2019
University of Puerto Rico Campus at Cayey Cayey, PR

WORK EXPERIENCE

Undergraduate Research Assistant 2021-Present
Dr. Roger Abounader Lab, University of Virginia (UVA) Charlottesville, VA

Undergraduate Research Investigation Group 2018-Present
University of Puerto Rico Campus at Cayey Cayey, PR

Undergraduate Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science (SEA-PHAGES) Investigator 2017-Present
University of Puerto Rico Campus at Cayey Cayey, PR

Howard-Hughes Medical Institute Undergraduate Research Member 2017-Present
University of Puerto Rico Campus at Cayey Cayey, PR

Technical Assistant of General Biology I Laboratory and Seminar in Bioinformatics 2018-2020
University of Puerto Rico Campus at Cayey Cayey, PR

REFERENCES

References available upon request.