

# EMANUEL A. CARRASQUILLO DONES

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## OBJECTIVE

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I am seeking to achieve my Doctorate in Biology and finish as a professor along with a laboratory of my own doing investigations. I have experience in the patience, and dedication one has to have so the information or knowledge of different concepts and new techniques are understood. I aim to publish as much as I can in different areas of Biology as possible.

## SKILLS & ABILITIES

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Gave training in investigative work to high school teachers. Trained in microorganism automated identification technology (Biolog). Able to supervise multiple projects. Worked as editor in laboratory manual preparation. Complete bilingual domination of English and Spanish. Knowledge in computer programs. Work under pressure at the same time being able to complete the tasks, and even come with solutions to complications without distractions.

## EXPERIENCE

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| Aug 2015-Jul 2016                         | Laboratory Instructor, UPR Rio Piedras campus <ul style="list-style-type: none"><li>· Evaluate students with quizzes, tests and investigative projects.</li><li>· Coordinate lab exercises. Material preparation and distribution.</li><li>· Execute biosafety rules (up to a level 2 biolab) in all exercises.</li></ul>  |
| Aug 2014-Jun 2015                         | Laboratory technician, UPR Rio Piedras campus <ul style="list-style-type: none"><li>· Materials preparation and distribution</li><li>· Culture media preparation</li><li>· Management, transportation and maintenance of microorganism.</li><li>· Management and disposal of biohazard material.</li><li>· Laboratory exercises coordination.</li><li>· Tutorials.</li></ul> |
| Third Student Research Symposium-Oct 2014 | Research presentation:<br>Enterococcus presence levels in beach sand of Ocean Park, Puerto Rico  |
| American Society of Microbiology-Jun 2015 | · Research presentation:<br>Phage presence in Enterococcus strains from sand beach isolates  |
| Chemistry Research 2010                   | · Use of aerogel as a way of transport through bloodstream   |

## EDUCATION

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Apr 2011-Jun 2015 Bachelor degree in Interdisciplinary Sciences, University of Puerto Rico Rio Piedras

Sep 2008-Jun 2010 Associates degree in Industrial Automation, University of Puerto Rico Carolina

## LEADERSHIP

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Became Vice-President for the new chapter Zeta Mu, in the University of Puerto Rico Carolina campus, of the Natinal Honor Society of Biology ΒΒΒ.