

## Manuel A. Torres Acosta

The Ohio State University  
1535 Neil Ave. Apt. C  
Columbus, OH 43201

Email: torres.263@buckeyemail.osu.edu

### Current Education

Class of 2018 at The Ohio State University

- Major: Molecular Genetics
- Minor: Philosophy
- Relevant courses taken: Biology: Energy Transfer and Development, General Chemistry 1 and 2, Molecular Genetics Major Course, Molecular Genetics: Research Opportunity and Career, Calculus 1 for Biology, Organic Chemistry 1 and 2,
- GPA: 3.525

### Previous Education

Colegio Marista de Guaynabo  
2014 High School Diploma

- Graduated with honors. GPA: 4.06
- Ranked in the top 10 of the class' GPA
- 3 AP Courses – Biology AP, Calculus AP, Language and Composition AP (obtained a 4 in AP test)

### Research Experience

- Research Presented:
  - Promoter Mutation in Ccna2 Reveals Novel Functions of the Protein in Spermatogenesis (<http://hdl.handle.net/1811/78612>)
- Currently volunteering 15 hours per week in Dr. Gustavo Leone's lab at the Biomedical Research Tower of The Ohio State University.
- Funded by the Undergraduate Research Office (URO) of The Ohio State University with the *Research Scholar Award* and the *Undergraduate Education Summer Research Fellowship* for a total of \$4500 of funding provided for research.
- Worked full-time (40 hours per week) in Dr. Leone's lab for the Summer of 2016
- Candidate for writing a research thesis and graduating with research distinction.
- Peer Research Contact for The Ohio State University's URO.
- 9<sup>th</sup> – 10<sup>th</sup> grade: Population study of rhizobacteria in mangroves present in "El Caño Martín Peña."
- 8<sup>th</sup> Grade: E. Coli growth in different means of sanitation: Antibacterial soap, ethyl alcohol (or hand sanitizer) and water. Won 1<sup>st</sup> place in the 2010 Regional Science Fair in Puerto Rico for presenting this project.

## **Manuel A. Torres Acosta**

The Ohio State University  
1535 Neil Ave. Apt. C  
Columbus, OH 43201

Email: torres.263@buckeyemail.osu.edu

### **Honors**

- Member of the Dean's List of The Ohio State University's autumn and spring semesters of the 2015-2016 school year.
- Scholarships: National Buckeye Scholar and Trustees Scholarship.
- Member of the Junior National Honor Society during 2011.
- Part of Colegio Marista's Academic Honor Roll since 2009.
- Chosen by Banco Popular to participate in 2011 Puerto Rico's Congress of Leaders Conference.
- 2011 Judo National Champion on categories: ages 14 and 15 years.
- 2013 Judo US Open Bronze Medalist.
- Recognized by College Board's National Hispanic Recognition Program.
- Member of the National Society of High School Scholars since 2011.

### **Volunteer Experience**

- Donating goods and volunteering time to play with abandoned and abused kids living at Hogar Niñito Jesus in Cupey in 2012.
- Prepared food for HIV/AIDS patients at Bill's Kitchen on 2011.
- Participated in Susan G. Commen's Race for the Cure Marathon on 2011.

### **Skills**

- Competent in a lab setting. Proficient with basic genotyping, handling of mice, mouse necropsy, quantitative PCR (qPCR) and Immunohistochemistry (IHC).
- Experienced with the Vectra Microscope and the InForm Image Analysis software
- Proficient with Microsoft Word, Excel, PowerPoint, Photoshop and the Internet.
- Fully Bilingual in English and Spanish.

### **Interests / Activities**

- Science: Interested in oncology, cancer genetics, cell cycle mechanics and genetics, immunotherapy, personalized medicine, novel early cancer detection via miniaturized immunoassays and CRISPR/Cas9 genome editing.
- History: Puerto Rico's colonial relationship with the U.S. and its independence movements.
- Sports: Judoka since 2008. Currently on green belt ranking. Practiced Mixed Martial Arts (MMA) for two years.

### **Other Experience**

- Disc Jockey (2011 – 2014) Served as Disc Jockey for elementary and junior high school parties and activities.