

Natasha Marie Ramos Padilla

446D Hamilton St. Somerset, NJ 08873 • (787) 560-3663
natasha.ramos@rutgers.edu

Education	University of Puerto Rico- Mayagüez <i>B.S. Chemistry</i>	Mayagüez, PR GPA: 3.85 Grad: Dec 2019
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Research	Experience
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Summer 2019	Earth System Science – SURGE (<i>Stanford University, CA</i>) <ul style="list-style-type: none">Calculating rates of nitrogen fixation, microbial activity and heterotrophy in deep-sea sediments using Isotope Ratio Mass Spectrometry.
Summer 2018	Environmental & Natural Resources – RISE (<i>Rutgers University, NJ</i>) <ul style="list-style-type: none">Observing changes in the microbial community and physiochemical properties of the Raritan River as an effect of saline intrusion.
Spring 2018	Civil and Environmental Eng. (<i>Cornell University, NY</i>) <ul style="list-style-type: none">Data synthesis of pesticides partitioned in drinking water sources of Honduras.
Fall 2017	Chemistry (<i>University of Puerto Rico – Mayaguez, PR</i>) <ul style="list-style-type: none">Phytoremediation of ZnO nanoparticles with basil in Hoagland & compost tea growth medium.
Summer 2017	Civil and Environmental Eng. – MSRPg (<i>Massachusetts Institute of Technology, MA</i>) <ul style="list-style-type: none">Quantified Organic Carbon that is wet deposited by rain/snow on 17 sites around the USA for years of 2010 and 2015.
2014-2016	Chemical Engineering (<i>University of Puerto Rico – Mayaguez, PR</i>) <ul style="list-style-type: none">Created gel spheres with polyvalent ions and alginate as possible drug delivery vehicles.Created with polymeric alginate-chitosan capsules as drug delivery vehicles for aspirin.

Extracurricular	Activities
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2018 - current	Future Innovative Scientists (<i>UPRM, PR</i>) <ul style="list-style-type: none">Leader of the Educational Activities Committee.Coordinating workshops for high school and undergraduate students.
Spring 2018	Cornell-UPR Interuniversity Relief Program (<i>Cornell University, NY</i>) <ul style="list-style-type: none">One of 62 Puerto Rican students hosted at Cornell for a semester after Hurricane Maria.
2016-2017	Counselor Student for the Science Faculty (<i>UPRM, PR</i>) <ul style="list-style-type: none">Guiding freshmen students through their first year.Orientating these students about the opportunities and facilities the university offers.

Activities and	Awards
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2017 – 2019	Asociación de Claustrales Jubilados (<i>UPRM, PR</i>) <ul style="list-style-type: none">Obtained a scholarship donated to 10 students by retired Chemistry professors of the UPRM for the academic years 2017-2018, 2018-2019 and 2019-2020.
Summer 2018	NJ Space Grant Consortium (<i>Rutgers University, NJ</i>) <ul style="list-style-type: none">Grant that covered housing and stipend for the summer during RISE at Rutgers.
2016 – 2017	Honor Registration Exemption (<i>UPRM, PR</i>) <ul style="list-style-type: none">Top 5% GPA of the students in the Science Faculty from my initial year.
May 2015	Intel Science and Engineering Fair (ISEF) Finalist (<i>Pittsburgh, PA</i>)

Languages	Fluent writer, speaker and reader in Spanish and English.
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