

Bárbara Pacheco Rivera

Principal, Subject Program Coordinator, and Math and Science Teacher

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Personal Statement

Teacher highly committed to the development of the abilities of each student. Focusing on Science and Math skills needed for real life. Committed to developing skills-aligned curriculum that provides relevance to students and helps them prepare for 21st century skills. Seeks to grow professionally to stay current in learning strategies and skills. Educate with passion, commitment to help students achieve the goals set each school year.

Education

<b>Universidad Metropolitana</b> <b>Cupey Campus</b> 39 credits approved	Master's Degree in Environmental Management <ul style="list-style-type: none"><li>Major: Environmental Risk Management</li><li>ResearchTopic: Water Quality</li></ul>
<b>Universidad Interamericana de Puerto Rico</b> Bayamón Campus Graduated: May 2004	Bachelor's Degree in Sciences <ul style="list-style-type: none"><li>Major: Industrial Chemistry</li></ul>

Professional Licenses and Certifications

<b>Collaborative Institutional Training Initiative</b> <b>CITI Program</b> <b>November 16, 2022</b>	<b>RCR Training for Educational Purposes</b> <b>Module completion with 89%</b> <ul style="list-style-type: none"><li>Authorship</li><li>Collaborative Research</li><li>Conflicts of Interest and Commitment</li><li>Data Management</li><li>Mentoring</li><li>Peer Review</li><li>Research Misconduct</li></ul>
<b>Collaborative Institutional Training Initiative</b> <b>CITI Program</b> <b>November 14, 2022</b>	<b>Biosafety Training for Students</b> <b>Module completion with 98%</b> <ul style="list-style-type: none"><li>Biosafety Course Overview</li><li>Laboratory-Acquired Infections</li><li>Biohazard Risk Assessment</li><li>Medical Surveillance</li><li>Risk Management: Work Practices</li><li>Work Safely with Sharp Instrument</li><li>Disinfection and Sterilization</li><li>Risk Management: Personal Protective Equipment</li><li>Risk Management: Emergency and Spill Response</li></ul>
<b>ISTE Summer Learning Academy</b> June 2020	<b>Professional Learning Program ISTE U</b> <ul style="list-style-type: none"><li>Professional development with a combination of webinars, virtual interactive workshops, and asynchronous online courses.</li><li>15 synchronous and asynchronous hours completed</li></ul>
<b>GWorks Inc. and AMGEN</b> June 30, 2018 June 30, 2017	<b>STEM 1 and 2 Certifications</b> <ul style="list-style-type: none"><li>Professional development in STEM Teacher during the 2016-2017 academic year.</li><li>40 contact hours completed</li></ul>
<b>MSP-21 Program</b> <b>Universidad Interamericana de Puerto Rico</b> Bayamón Campus April 1, 2017	<b>Professional Development in Math and Science</b> <ul style="list-style-type: none"><li>Professional development in the integration of Math and Science for High School Teachers during the 2016-2017 Academic Year.</li><li>38 contact hours completed</li></ul>
<b>NASA EPDC and LBJ Institute for STEM Education and Research</b> April 4, 2017	<b>NASA Educator Professional Development Event</b> <ul style="list-style-type: none"><li>Professional development in Eclipse 2017 - Sun, Earth, and Moon (6 contact hours)</li><li>Handling of Moon Samples Certificate</li></ul>

<b>The John Hopkins University</b> <b>School of Education</b> August-October 2016	<b>Verizon Mobile Learning Academy Cohort 6</b> <ul style="list-style-type: none"> <li>Professional development in the integration and use of mobile technology in teaching and learning.</li> </ul>
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### Experience

<b>Christian Nazarene Academy</b> Toa Baja, PR 2022-present	<b>School Principal</b> <b>Subject Programs Coordinator and High School Math Teacher</b> <ul style="list-style-type: none"> <li>Provide curricular assistance to teachers.</li> <li>Trained new teachers with educational platforms and strategies.</li> <li>Skill-aligned curriculums with books and educational core standards.</li> <li>Visit classrooms during class to provide recommendations and support.</li> </ul>
2020-2022	<b>Math and Science Program Coordinator</b> <b>Geometry, Trigonometry, Intermediate Algebra, and Precalculus Teacher</b> <ul style="list-style-type: none"> <li>Created independent review modules to prepare students for the advanced placement test (PNA)</li> <li>Created a review to prepare students for the college board.</li> </ul>
2019-2020	<b>Science Program Coordinator</b> <b>4th, 5th, and 6th Grade Science</b> <ul style="list-style-type: none"> <li>Participated in professional development virtual conferences, including the ISTE Summer Learning Academy.</li> <li>Developed STEAM focused activities.</li> </ul>
2015-2018	<b>Science Program Coordinator</b> <b>Chemistry, Physics, and Environmental Sciences Teacher</b> <ul style="list-style-type: none"> <li>Participated in professional development conferences, including the 2016 ASCD Annual Conference &amp; Exhibit Show, and the ISTE 2016 and 2017 Conference and Expo.</li> <li>Created the Environmental Science Module for 12th grade.</li> </ul>
<b>Colegio Discípulos de Cristo</b> Bayamón, PR 2014-2015	<b>Biology, Chemistry, Physics, and Environmental Sciences Teacher</b> <ul style="list-style-type: none"> <li>Created the first Science Festival Schoolwide</li> </ul>

### Presentations and Conferences and Collaborative Work

San Juan, PR August 2022-May 2023	<b>Ciencia Puerto Rico</b> <ul style="list-style-type: none"> <li>Mentor 1:1 for Semillas de Triunfo Program</li> </ul>
San Antonio, TX June 26th, 2017	<b>ISTE 2017 Conference &amp; Expo</b> <ul style="list-style-type: none"> <li>Poster session: “Best Practices in BYOD”</li> </ul>
Bayamón, PR April 1st, 2017	<b>MSP-21 Program - Universidad Interamericana, Bayamón Campus</b> <ul style="list-style-type: none"> <li>Virtual, Augmented and Mixed Reality</li> </ul>

### Languages

- Bilingual in Spanish and English

### Technology Skills

- An excellent mastery of the following skills: word processing, spreadsheets, database management, electronic presentation, internet navigation, email management, networking, online learning, and basic coding through the use of different technological tools.