

## UPRM RoboBoat Community and Outreach Engagement

The UPRM RoboBoat team was founded from the need of more female representation in the special projects of Mechanical Engineering. Our focus is to recruit students that understand the need to embrace gender diversity in engineering and the importance of spreading the message to the future generation of college students. Due to this, the team takes every opportunity possible to speak to students K-12 about engineering and the importance of diversity. During the academic school year of 2022-2023, the team participated in 4 outreach events. The first event was held in summer for the Mechanical Engineering Department stay-away summer camp. Representatives from the team demonstrated RUMBA 3.0 in the university pool, the testing location, using RC and spread the message of diversity to over 20 students. The second event was an info-table where RUMba 3.0 was showcased to upcoming first year students from across all engineering fields during the month of July. The third event took place during the month of August. The team Captain Jose Y. Soto had a workshop with the students of Colegio San Antonio Abad from Humacao, Puerto Rico, in collaboration with their physics class. There were approximately 22 students. The third event was held during the month of November in the University of Puerto Rico - Mayagüez, where the annual open house was held. The team held an out-of-water demonstration and info-table that impacted hundreds of students interested in applying to the UPRM. The team is proud to impact the lives of students everywhere. Events like these are very enriching and will give the members a different perspective that will be useful in the professional world. All in all, it is a great opportunity to make the community a better place while meeting the team's vision.

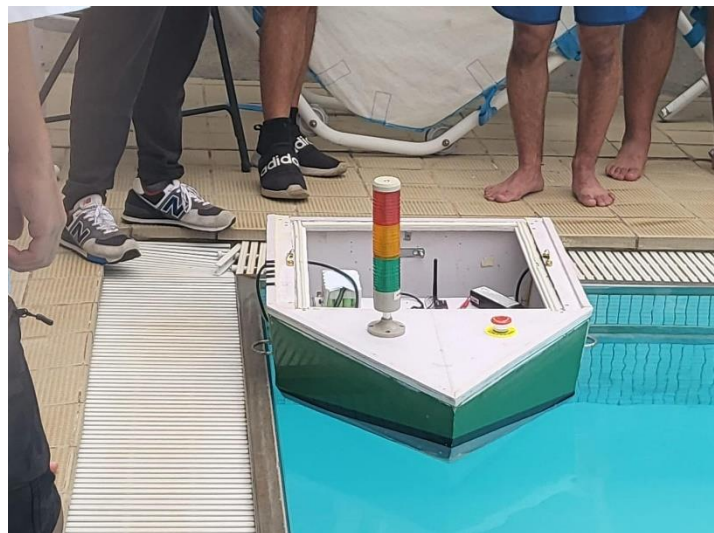




Figure 2. Orientation Week info-table.



Figure 3. Educational talk and collaboration with Colegio San Antonio Abad.



**Figure 4.** UPRM Open House.