



**Inter-American University of Puerto Rico**  
**Bayamon Campus**  
**HASP 2016**  
**July Monthly Status Report**

During the month of July the Evaluation of Atmospheric Particle Collection Performance of Three Sampling Substrates at Different Layers of the Atmosphere (EAPCPTSSDLA) team finally made the complete functional payload. And now the team is making their way to Dallas Texas for the integration and testing.

**Team Activities**

1. The Structure Team (ST) made all of the structure and made space for all the circuits and cables. One of the ST is on his way to Dallas to help on the integration and testing.
2. The Programing Team (PT) fully tested the altimeter with a building of 5 floors and the program worked smoothly. One of the PT will assists the integration and testing.
3. The Power Team (PWT) worked on the board with the voltages regulator and all worked fine all we need to check is the testing of the payload to see how the circuit will work.

## Milestone

Our biggest milestone this month was finally finishing and testing our payload. We tested our payload in a vacuum chamber located in the University of Puerto Rico and there we also tested the altimeter.

## Objective for next month

For our next month we expect on the integration and testing to run smoothly without any problem. Also we will make the final preparations to our payload to shipped to Fort Sumner.

## Current Team Members

This is the team structure and for now we believe that there wouldn't be any changes in the rest of the project. Every changes will be notify at every report.

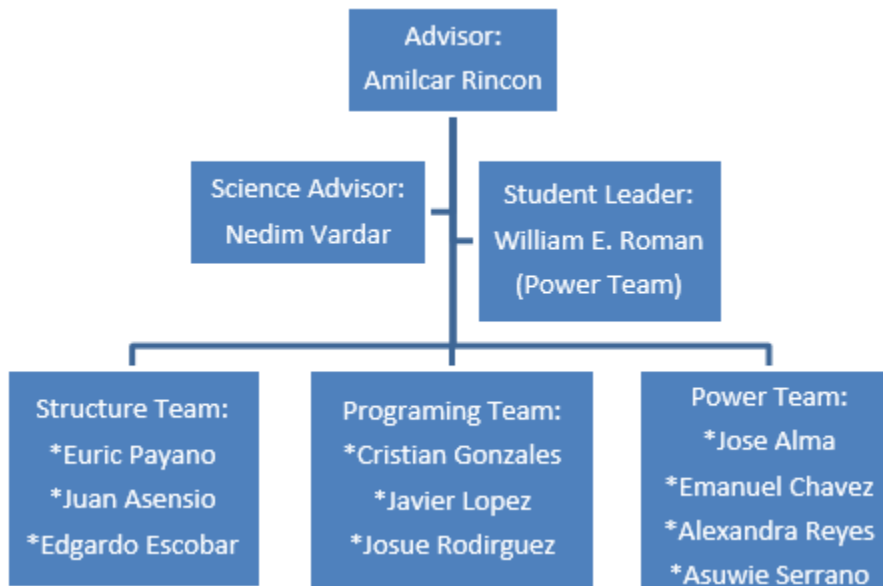


Figure 1. The EAPCPTSSDLA team structure