

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

During the month of September the Evaluation of Atmospheric Particle Collection Performance of Three Sampling Substrates at Different Layers of the Atmosphere (EAPCPTSSDLA) team received the payload and had a successful flight. The payload was finally opened and the sponges were extracted. Some teams keeps working with the payload to make it more efficient for the future projects with HASP or others.

**Team Activities**

1. The Structure Team (ST) are having meeting frequently to work on the drawers and making them better by making them a little big. Because the problem we had the sponges damaged due to the drawers were a little small and damaged a sponge.
2. The Programming Team (PT) is working with other altimeter and trying to make a better program for future projects.
3. The Power Team (PWT) is finding better voltage regulator for the payload for it doesn't repeat the problem we had with the current in the testing.

**Issues Encountered**

1. Our Scanning Electrons Microscope was damaged and the science advisor couldn't extract information in the sponges.
2. Some of the sponges were damaged, but the science advisor believe that some information can be extracted.
3. We couldn't make progress with the science report due to the lack of information.

## Milestone

Our biggest milestone this month was finally opening the capsule and extracting our sponges. The teams are working as hard they can to make the capsule better. Also we are making contact with other universities in Puerto Rico to help us extracting information of the sponges by using there Scanning Electrons Microscope.

## Objective for next month

For our next month we expect to finally extract the information successfully in the sponges and continue with the science report.

## Current Team Members

This is the new 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.

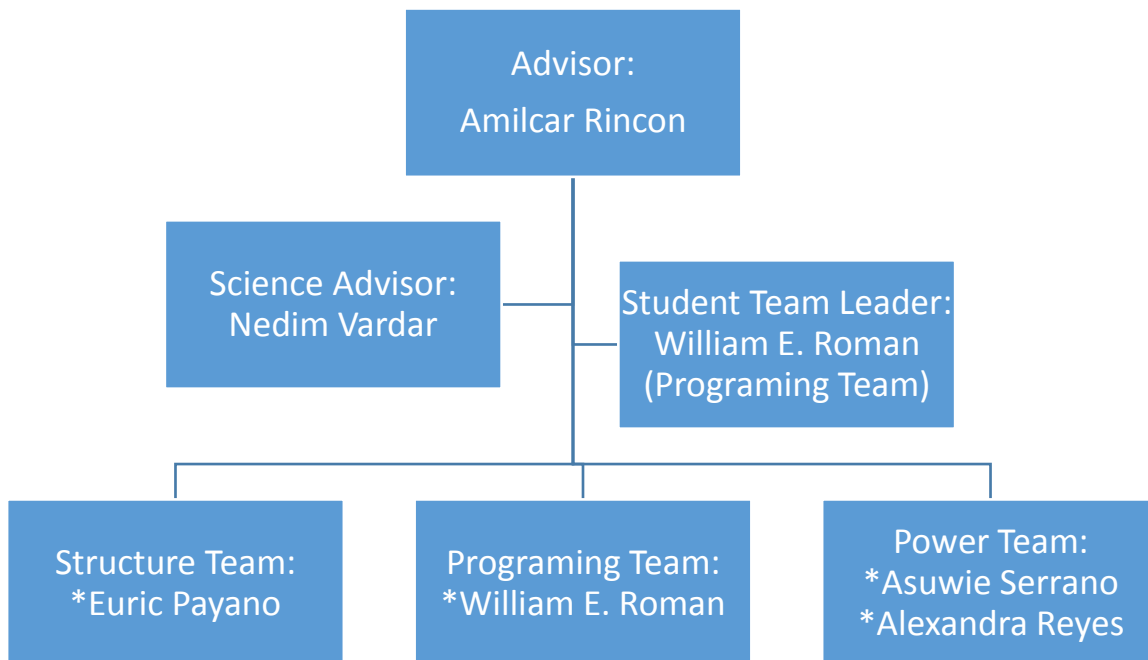


Figure 1. The EAPCPTSSDLA team structure