

HASP 2018 Monthly Status Report

Report Month: February
Submitted By: Lorenzo Narducci
Submit Date: February 23, 2018
Institution: University of Maryland
Payload Number: N/A
Payload Name: HAAT-TRIC

1 Activities During Previous Month

During the last month, most of the focus was on revising and resubmitting the original proposal so that it addressed the concerns of the reviewers. Most team members were responsible for a section of the proposal, making sure that it showed a clear idea of what the HAAT-TRIC team wants to do. Research continues on the electronics for the Data Relay System (DRS). Chips and other IC components were researched to design a system that most meets our needs.

2 Issues Encountered

No major issues were encountered, though having payload seat number 5 listed on our application's responses while not being given an official spot has been a source of confusion.

3 Milestones Achieved

Submitted revised proposal.

4 Plans for the Coming Month

In the coming month, mechanical systems will begin to be modified to fit a thin sheet aluminum frame. On the electronics side, it is hoped that the necessary DRS components will be purchased so that assembly can begin. Additionally, new members will begin training with and learning about the HAAT-TRIC system.

5 Other Comments

No other comments

6 Team Composition

We plan on having weekly meetings for organizational purposes where we discuss progress made, help in designing components, and assign tasks that need to get done in the coming week and beyond.

Table 1: Personnel

Name	Start Date	End Date	Role	Student Status	Race	Ethnicity	Gender	Disabled
Cameron Butler	11/15/16	Present	Graduate Science Lead	Graduate	White	Non-Hispanic	Male	No
Lorenzo Narducci	11/15/16	Present	Undergrad Student Lead	Undergrad	White	Non-Hispanic	Male	No
Blaire Weinberg	11/15/16	Present	Undergrad Systems Lead	Undergrad	White	Non-Hispanic	Female	No
Michael Owca	11/15/16	Present	Mechanical Lead	Undergrad	White	Non-Hispanic	Male	No
Michael Walker	11/15/16	Present	Integration	Alum	White	Non-Hispanic	Male	No
Bianca Foltan	11/15/16	Present	Program Manager	Undergrad	White	Non-Hispanic	Female	No
Chukwuma Odigwe	12/21/16	Present	Electrical Lead	Undergrad	Black	Non-Hispanic	Male	No
Jessica Queen	12/1/17	Present	Mechanical	Undergrad	White	Non-Hispanic	Female	No
Olasunbo Salami	10/21/17	Present	Software	Undergrad	Black	Non-Hispanic	Female	No
Steve Lentine	12/10/17	Present	Tracking	Program Liaison	White	Non-Hispanic	Male	No
Will Sharpe	2/23/2018	Present	Mechanical	Undergrad	White	Non-Hispanic	Male	No