

May 27, 2016

**To:** Dr. T. Gregory Guzik - HASP Project Director  
**From:** Hannah Weiher – Team Lead  
**RE:** HASP Monthly Status Report

### 1. Activities

Software with attitude determination has been coded-testing to be completed. Full implementation on the flight computer has also started. A prototype breadboard model has been completed.

Software integration of the power simulation model is complete. Redesigning board to fit onto a PC104 sized board.

Boards are being designed to be more easily integrated with detector.

Communications range testing is started.

### 2. Issues Encountered

De-scope plan is to not use GomSpace components as they will not arrive in time. Using Arduino computer and power board from previous year.

### 3. Milestones Achieved

None currently.

### 4. Current Student Team

Name	Gender	Ethnicity	Race	Student Status	Responsibilities
Hannah Weiher	F	Non-Hispanic	Caucasian	Graduate Student	Team lead
Charles Denis	M	Non-Hispanic	Caucasian	Undergraduate Senior	Detector Systems Lead Engineer
Seth Willing	M	Non-Hispanic	Caucasian	Undergraduate Junior	New team member/Flight Structures Engineer
Joel Runnels	M	Non-Hispanic	Caucasian	Graduate Student	Technical Consultant (Detector engineering and physics)/Payload Lead
Ryan Vogt	M	Non-Hispanic	Caucasian	Undergraduate Sophomore	Detector Systems Physicist (Calibration and testing)
Kendra Bergstedt	F	Non-Hispanic	Caucasian	Undergraduate Sophomore	Detector Systems Physicist (Calibration and testing)

<b>Name</b>	<b>Gender</b>	<b>Ethnicity</b>	<b>Race</b>	<b>Student Status</b>	<b>Responsibilities</b>
Gaurav Manda	M	Non-Hispanic	Asian	Undergraduate Sophomore	New team member/working with Payload Sub-Team
Ilya Zubarev	M	Non-Hispanic	Caucasian	Undergraduate Junior	New team member
Michael Schmidt	M	Non-Hispanic	Caucasian	Undergraduate Senior	New team member
Timothy Kukowski	M	Non-Hispanic	Caucasian	Undergraduate Senior	Chief Eng.
Luke Granlund	M	Non-Hispanic	-	-	New Member
Aaron Nightingale	M	Non-Hispanic	-	-	New Member
Andrew Sit	M	Non-Hispanic	-	-	New Member