

## March Status Report

### *Section 1: Activities of team members*

This month we received nearly all of our parts, and we will begin construction this week. We have made progress on our Arduino code, which can be finished now that we have the sensors.

### *Section 2: Issues encountered during payload design/development*

We knew that aerogel was an expensive choice when we decided to use it, but we are still shocked at *how* expensive it really is. We are also checking to see if NASA has any that we could use.

### *Section 3: Milestones Achieved*

Software Prototyping and Development  
Hardware received  
Final Designs Approved

### *Section 4: Current team members and leaders*

Margaret Blumm - paperwork, deadlines, aerogel, and helping with anything else!

Kevin Briglia - electrical system, mechanical system, help with coding the arduino, and I can also help with any other tasks.

Ellie Bulka - begin prototyping stage; either helping build capsule or testing GPS and other elements at low temps.

Paul Acosta - mechanical design, testing, build team and integration.

Holly Hutchison - main focus is software system, programming the arduino.

Marieta Nedylkova - aerogel testing and integration (once at hand), Provide any help in other areas of the project as needed.

Joseph Gridley - Science and mechanical, fabrication/build team

Giovanni Malaty- Mechanical/Systems; will help with fabrication of housing and assembly, as well as take care of other required systems tasks.

Michael Ulrich - Clean Room Assembly, integrated systems testing, other assembly that is needed, and anything else available.