



HASP 2018 Monthly Status Report

Report Month: January
Submitted by: Samuel A. Garcia Morelos
Submit Date: 01/29/2018
Institution: University of Houston
Payload Number: 2017-12
Payload Name: SORA – Stratospheric Organisms and Radiation Analyzer

I) Activities During Previous Month:

- 1) Working on improving MiniPIX collection setup
- 2) New smaller package developed for flight computer
- 3) Explored new temperature sensors for flight
- 4) Working on publications from the data of last semester (MiniPIX, Engineering design, and Astrobiology)
- 5) Exploring options for funding and reaching out to university

II) Issues Encountered:

- 1) No funding has been secured for this mission yet

III) Milestones Achieved:

- 1) General:
 - i) Finished HASP 2017, and began work on spin off projects

IV) Plans for Coming Month:

- 1) Have a draft of provisional application by Friday, February 02, 2018
- 2) Procure funding from University and outside sources
- 3) Finish budget for parts needed for flight

VI) Team Composition and Organization:

Name	Start Date	End Date	Role	Student Status	Race	Ethnicity	Gender	Disabled
Andrew L. Renshaw	01/06/16	Present	Faculty Mentor	Faculty	White	N/A	Male	No
Samuel A. Garcia Morelos	01/01/16	Present	Project Leader	Alumni	White	Hispanic	Male	No
Fre'Etta Brooks	06/01/16	Present	Astrobiology Coordinator	Alumni	Black	N/A	Female	No
Steven Oliver	07/12/16	Present	Radiation Coordinator	Undergrad	White	N/A	Male	No
Reed Masek	04/24/17	Present	Radiation and Data Organizer	Undergrad	White	N/A	Male	No
Andrew Walker	05/08/17	Present	Electronics Coordinator	Undergrad	White	N/A	Male	No
Kevin Portillo	05/08/17	Present	Lead Programmer	Undergrad	White	N/A	Male	No