

ASU-ORGANS Monthly Status Report
May 2015

1. Activities of the team members

May represents the end of the spring semester and moving into summer work. This means a reduced team size. The team members still around during summer are noted in the team section below.

The science team continued to work with the stock cultures of our samples. A challenge is taking the stock cultures and growing enough to perform all of the testing we want to prior to our flight. Test setups have been produced to influence the environmental conditions the cultures are grown in, hopefully replicating what we will see from the flight data.

Additionally, the engineering team has been working in May to fabricate the final enclosure. The final exam for our senior design class was a Critical Design Review wherein some concerns were raised about our structure's ability to withstand a direct landing on our structure. The engineering team has revisited the design and is fabricating a test enclosure.

2. Issues Encountered

Revisiting the design was not planned for, but as we were ahead of schedule it was not a major issue.

3. Milestones Achieved

Environmental testing of the samples has begun.

4. Current Team Members

Dr. Sri Saripalli - Faculty Advisor
Ben Stinnett - Systems Lead (Summer)
Tristyn Bercel - Science Lead (Summer)
Caitlin Ostrander (Summer)
Robert Tagtmeyer
Giovanni Pieve
David Gamez (Summer)
Joseph Kelsey (Summer)
Takuto Noji