

Time: 6:50 PM

Date: Monday 8th October, 2018

Subject: Staff Meeting- Action Tasks

Present: All

Recorded by: Amy

This staff meeting was primarily to discuss what kind of calculations can be made by each team member on our preliminary designs. We discussed our ideas with Dr. Trevas and got approval for our analytical analysis memo topics.

Initial Questions:

1. 1st Pugh, next step, how many sketches to move forward?
2. What kind of analysis?
3. Begin prototyping?

Note: DAC Thurs @ (6-7:30 PM) DUB Juniper Rm

Competition update:

- ★ Run by Purdue
 - End of March
 - 30 steps
 - Area = 12' x 12'
 - Volume = 400 ft³
 - 3 min run time
 - Travel to INDIANA

Technical Analysis of 1 step

- ★ Amy- bunny bellows (h, W, air flow v)
- ★ Alivia- corkscrew calcs
- ★ Angelo- punching scissor lift
- ★ Nahar- rolling jar
- ★ Abdul- coupled pendulums (time)
- ★ Hamad- airplanes (speed and centrifugal force)

Begin prototyping

- ★ Next week- basic prototypes
- ★ Look for basic pump
- ★ Kinects and tinker toy

Office hours: tomorrow 2:30-3:30 PM

END 7:30 PM