

### Weekly Report

#### **My Goals from last week**

- Fix the rotation bug.
- Order the rest of the parts.
- Print out more parts and set up sound and lights on the rest of the rovers.

#### **My Accomplishments this week**

- Rover now takes pictures.
- Got almost 5000 images for:
  - Linear movement at 10% speed increments
  - Rotational movement at 10% increments
  - Free runs
- Working with UNM to fix rover's rotation bug for Swarm Interface Bot

#### **My Goals for Next week**

- Fix rotational bug
- Get even more pictures with more variety!
- Find best Machine Learning Algorithm.

#### **Needed from Dr. Becker**

- Nothing right now.

All images here(Contact me if there are permission issues):

[https://drive.google.com/drive/folders/0B3yB2q\\_AU3RQeGExeE5kWWgyODQ?usp=sharing](https://drive.google.com/drive/folders/0B3yB2q_AU3RQeGExeE5kWWgyODQ?usp=sharing)

#### Going Straight:





Rotating:



FreeStyle:

