Weekly Report

My Goals from last week
- Install LEDs and Speaker.

My Accomplishments this week
- Ordered Speakers and Blinkstick LEDs
  - Using Neopixel LEDs would require using a microcontroller and we would need to use regulators and resistors to get it to work, so we opted for the Blinkstick.
- Speakers installed and tested. Still waiting for LEDs to arrive.
- Successfully linked and used python embedding into C++ code.
- Successfully linked SFML and had it play sounds.
- Used multiple instances of multithreading to play multiple sounds simultaneously.
- Coded a Sound object to easily path and play sounds.
- Kept detailed documentation
- Velcroed speakers and usb hub onto rover. Speakers are loudest when facing towards each other.

My Goals for Next week
- Brainstorm sound patterns or other ideas.
- Test all ideas.
- Have the rover fully working with audio debugging.

Needed from Dr. Becker
- Need to schedule a meeting to discuss audio patterns.