Weekly reports are to be emailed to atbecker@uh.edu by 5:00pm on Tuesdays. The purpose of a weekly report is to: (1) give you text and images for your papers, thesis, and dissertation, (2) document progress, (3) identify if you are stuck or need resources.

Weekly report

1. **My *Goals* from last week**

*Project 2* <Object Manipulation Simulation>

* I am done with these simulations, I am working on the torque control

*Project 3* <Torque Control Simulation>

* Get these simulations ready to automatically collect results:
  + Orientation
  + Pivot
  + Transistor

*Project 4* <Mean Game>

* Help Mahek polish her game

*Project 5*<Miscellaneous>

* Send Dr. Becker the one pager by the end of today.
* Join me for my going away lunch! I will ask when everyone is free.

**My *Accomplishments* this week**

*Project 2* <Object Manipulation Simulation>

* I am done with these simulations, I am working on the torque control
* Edit: I’ve ran these simulations for torque control and am still heavily working on the object manipulation simulation results.
  + Torque orientation number of robots,
  + Object density
* These are the simulation tasks I’ve ran and reran multiple times:
  + Resized the five shapes -was finally able to make the triangle
  + Noise
  + Number of Robots
  + Simulation for Flow Around only
* I read Shiva’s journal paper on Monday
* I am debugging the NaN’s.
* Added a function for our variance constants based on vary (Brownian noise)

*Project 3* <Torque Control Simulation>

* Get these simulations ready to automatically collect results:
  + Orientation
  + Pivot
  + Transistor
* Done! They are all ready for automatic simulations. I also added Brownian noise. Lillian is adding flow around for orientation.

*Project 4* <Mean Game>

* Help Mahek polish her game -She’s almost done and I’m proud of her.

*Project 5*<Miscellaneous>

* I’m also helping Arun with his simulation. He wants to import a binary image, set those as obstacles, and have the robots automatically navigate through that. I walked him through one of our simulations and am guiding him on how to define the binary values as obstacles and how to make the robots follow a path.

1. **My *Goals* for next week**

* Clean up the simulation code
* Give feedback for the journal paper

1. **What I need Dr. Becker to do:**

* I ‘d still like a review from you and Shiva. It doesn’t need to be this week. I’m free anytime.