1. make list of projects for ERA-Mobi robots
   1. move in square
   2. joystick control
   3. update software
   4. Random walk with cliff avoidance
   5. Detect wall
   6. Wall follow
   7. Platoon
   8. (purchase additional IR sensors)
2. make list of lab furniture to purchase
   1. projector
   2. screen/whiteboard
   3. white board
   4. 6 desks
   5. refrigerator
   6. microwave
   7. sink
   8. couch
   9. desktop computers
   10. lab bench
   11. book shelf
3. lab webpage
   1. anyone have skills?
4. look at motion capture quotes
5. look at kilobot quotes
   1. we have k-team
   2. working on quote from GIcircuits
   3. (obtain) advanced digital quote

## masters projects

1. SwarmControl: control laws, simulation, and implementation on kilobots
   1. Global control
   2. Repulsive control
   3. Attractive control
2. Tilt Assembly, delays, design (robot micro-assembly)
3. Micro robots assembly (Min jUN
4. Micro robots motion-planning in vasculature
5. Human Swarm interaction (umbrella study, start with image processing)
6. AirJet control