P.U.R.E. Research Plan Form

Mentee Information
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Date: Sept 20, 2014

Mentor Information
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Date: 09/26/14

Fall 2014 Research Plan

1.) Write a brief outline of your research plan:

We plan to build a hexapod and look at anamorphic Research. We want to build the hexapod using thermoplastic
shape lock skeletal structure. We can achieve the movement
of the hexapod using servos/ tendons and programming
it via an Arduino. We want it to be pseudo autonomy.
Our goal is for it to be low cost and low complexity and hand
built with no need for a machine shop.

2.) What do you hope to learn and achieve by the end of the semester?

I hope to learn new different techniques to research / develop robotic systems. I hope to
learn strategies for success as well. I hope to
achieve a good project/ robot that functions.

Mentee Signature: Rebecca Cole Date: Sept 20, 2014
Mentor Signature: Date: 09/26/14