P.U.R.E. Research Plan Form

Mentee Information
Name: Rachel Tham
NetID: ruthan2 Email: ruthan2@illinois.edu Year (F, S, J, Sr): F Major: ABE (Ag and Biological Engineering)

Date: 9/19/2016

Mentor Information
Name: Solar Energy Cooking Research Team
NetID: deahl4 Email: deahl4@illinois.edu Department: ABE
Faculty Advisor: Bruce Elliott-Litchfield

Date: 9/19/2016

Fall 2016 Research Plan

1.) Write a brief outline of your research plan:
I will be conducting hands-on research with improving the solar energy-powered stove, such as the Fours or Concentrator of the Sunny the cooktop adopted temperature control, space heating, and heat loss. Currently, I need to discuss more about my interest with what to research more specifically with my mentor. We will meet this coming Thursday with the team to discuss further.

(9/22)

2.) What do you hope to learn and achieve by the end of the semester?
I hope to gain more hands-on experience with solar energy stoves, especially hands-on solar energy gathering units and how I can use material science and my ABE major to improve the stoves' efficiency. I hope to also improve and gain more technical writing and presentation skills.

Mentee Signature: Rachel Tham Date: 9/19/2016
Mentor Signature: Bruce Elliott-Litchfield (Electronically Signed) Date: 9/19/2016