P.U.R.E. Research Plan Form

Mentee Information
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Date: 2/7/2017

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Date: 2/7/2017

Spring 2017 Research Plan

1) Write a brief outline of your research plan:
   I will be trained on a nanofabrication method called Metal-Assisted Chemical Etching (MacEtch). It uses noble metals (e.g. Au, Pt and Ag) deposited on the surface of a semiconductor as a catalyst to catalyze the oxidation and reduction reactions. Later on, I will work on a project on my own, under the guidance of my mentor and my instructor.

2) What do you hope to learn and achieve by the end of the semester?
   1. Learn nanofabrication theories and methods
   2. Be able to perform Etching

Mentee Signature: Haige Chen Date: 2/7/2017
Mentor Signature: Wen Huang Date: 2/8/2017