Native Hawaiian Science & Engineering Mentorship Program
Kaiaulu STEM Scholars
Research Opportunity
Application

Why Research?
The research component of this program was developed in order to provide Native Hawaiian and Pacific Island students within the STEM disciplines an opportunity to learn about and participate in current state of the art research taking place in the STEM fields. Students who participate in this program will be mentored by professors in the STEM disciplines.

Qualifications
1. Have a completed application with professor’s signature.
2. Participant in the NHSEMP Kaiaulu STEM program.
3. Be in good academic standing.
4. Work on a project that is not considered part of that individual’s academic plan (such as senior projects or projects that you receive course credits).
5. Be able to work a minimum of 7hrs/week

Requirements
1. Turn in a signed time sheet along with lab notebook (see end page for general requirements) every two weeks to NHSEMP office.
2. Meet every two weeks with NHSEMP staff member
3. Present findings of research or project at one NHSEMP student meeting and one research conference.

Stipulations
1. Work a maximum of 20 hours per week at a pay rate of $12 per hour.
2. Work on any given project for a maximum of two semesters.

Please fill out entire application and resubmit to the NHSEMP office, Holmes Hall 207C.

Name of applicant ________________________________
Email address____________________  Phone Number________________________

Principal Investigator or project supervisor contact information

Name of company or University department_______________________________________
Name of Principal investigator/supervisor_________________________________________
Phone number ___________________________________________________
Email _____________________________________________________________________

Please return your application to Kelsea Hosoda at Holmes Hall 207C.
If you have any questions please contact Kelsea Hosoda, khosoda@hawaii.edu, Holmes Hall 207C
Updated 9.25.12
Project description
Please provide a project description and/or overview of the project. Description should include a project title, abstract (if available), and description of project including outcomes and goals.

Student duties and responsibilities
Please provide a description of what you (the student) will be responsible for while working on this project.

Hours per week
Please provide the number of hours to be worked per week (maximum 20 hrs/wk).

Student signature ___________________________ Date ________________

Mentor signature ___________________________ Date ________________
Lab Notebook General Requirements

What is a Lab Notebook?
A lab notebook is a primary record of ALL research conducted by a laboratory member; it is a legal document. The lab notebook is used to document all activities in the lab, in order to prevent any disrussion regarding intellectual property or rights. In the lab notebook all hypotheses, ideas, experiments, data, calculations, and results should be recorded. At the conclusion of a research position in a lab, the lab notebook should be given to the principal investigator (PI), while a copy is made and kept with the researcher leaving the lab.

For the purpose of NHSEMP, the lab notebook will serve as a record of work done by the NHSEMP lab researcher.

What should the Lab Notebook Look Like?
The lab notebook should include a table contents and all pages should be numbered. Copies of data and results that are on a computer should be printed, if the data set is too large a subset of the data should be printed and a note to reference the location of the digital data set should be inserted into the lab notebook.

Consequences for Misuse of Lab Notebooks and/or Timesheets
Repeated misuse of timesheets and/or lab notebooks such as lack of data entry or late submission may result in stipend reduction.