The point of filling out this form is to give you a chance to report on what you accomplished during your time working on a research project this semester. It (along with your research proposal) will serve as a record of your research experience that we can refer to when we are writing letters of recommendation for you and reports on students that we have trained.

**Background**

Write one to three short paragraphs explaining the scientific question(s) that you will be studying and/or the motivation for the experiments you are planning for this semester. It's ok to copy over this section from your original proposal as a start, but you should **update** it to show that you have a better understanding of the problems and background after working on the project.

**Results**

**Specific Aim #1:** **One or two sentences summarizing the first major research question and the approach that you will use in your research project to answer it this semester.**

Write the major results of your experiments. Include key figures and data tables within this file. Be specific about what was learned from each experiment. Include a description of experiments that reads like the **Materials and Methods** section of a scientific paper for each experiment. Organize your original data and figure files on the **lab backup server** so that they can be used in writing up scientific publications about this work in the future.

**Specific Aim #2:** Continue with Specific Aim #2, #3, etc, in the same format for each major experiment that you worked on.

**Future Work**

Write one to three short paragraphs explaining the next steps in this project and how you would overcome any difficulties that you encountered if you were continuing to work on this project in next semester. What is still unknown? What are the prospects for success by different routes?

**References**

Include citations for key papers relevant to your background and results.