**Short Term Research Development Plan - Summer 2025**

**This Research Plan will help to guide you towards integrating into the laboratory and completing a small project that can be presented as a poster by the end of summer. It will also help you focus and understand your project and goals. You will meet with your laboratory trainer and PI to begin learn about them and start planning out your project this summer.**

**Mentors/Trainers: Please assist your student(s) with this small mentoring plan, as well as to develop a project.**

**The student will submit an abstract and a poster this summer.**

**SACNAS abstract deadlines are July 11 but a proposal abstract can be submitted.**

**ABRCMS abstract deadlines are September 6 2025.**

**Summer Poster Deadlines: Practice on July 29. Final presentation August 1.**

**This document due: XXXX**

**Student Researcher’s Information**

Name:

Major:

What do you like to be called?

Pronouns?

Best way to contact & Info:

Limitations on contact:

How to contact in an emergency

**Faculty Mentor / PI Information**

Faculty Mentor Name:

What they like to be called:

Pronouns?

Best way to contact & Info:

Limitations on contact:

How to contact in an emergency (if applicable)

**Laboratory Trainer/Mentor Information (if different)**

Lab Trainer/Mentor Name:

What they like to be called:

Pronouns?

Best way to contact & Info:

Limitations on contact:

How to contact in an emergency:

**Communication is the Key in Labs! Please seek agreement / feedback from PI and Research Mentor on the following:**

1. What are the days / times that you will be in the lab?
2. Specific times / places where you will meet daily/weekly with Mentor / PI?
3. If there is a laboratory meeting, when / where is it?
4. What do you hope to accomplish with this research experience? Long term goals?
5. What do your PI and laboratory mentors look for in an undergraduate researcher?
6. For PI: If students send you something to read or proof, how much lead time do you need? i.e. expected turn-around.
7. Is there anything about the student and mentors would like to share that will help both of you to best connect / communicate?
8. Other Laboratory Expectations: I.e. Can/Should you study there? Desk/Computer/printer use? Can you drop into PI’s office or do you need an appointment? Do you have food fridge use? Eating in Lab? Other?

**Research Project Overview**

**Research Project Title:**

**Background/Significance of Project:**

Big picture / importance to humanity

Foundational literature narrowing in topic (please use references)

Gap – What is unknown?

Purpose of the Project

Hypothesis – Guess about outcome

**Methods**

Design of experiments with controls

Techniques to be Used

Equipment & Software required

How results will be analyzed.

**Expected Results:**

How data will be displayed: Figures/Tables to be made

What do you expect to see?

**Estimated Timeline Showing Key Milestones:**

**Student Signature:**

**PI / Faculty Mentor Signature:**

**Research Mentor Signature (if applicable):**

**Date:**