

FMPH 199 Research Plan

UCSD GPA Requirement for FMPH 199 → 2.5 overall

*For any and all research coursework, students are expected to work a minimum of 3 hours per week per unit of credit.
Please indicate the number of hours/units the student will be completing below:*

Fall/Winter/Spring/10 Week Summer:

- 2 units (6 hours per week/60 total hours for the quarter)
- 3 units (9 hours per week/90 total hours for the quarter)
- 4 units (12 hours per week/120 total hours for the quarter)

5 Week Summer:

- 2 units (12 hours per week/60 total hours for 5 weeks)
- 3 units (18 hours per week/90 total hours for 5 weeks)
- 4 units (24 hours per week/120 total hours for 5 weeks)

Please answer each question completely and legibly.

To be completed by the **student** (with input from faculty/PI):

1. What question(s) will be addressed by your research project? Briefly describe how these questions relate to existing knowledge arising from previous work conducted in the sponsoring research laboratory and/or elsewhere.

2.

What are the learning objectives that you and your supervisor have agreed upon?	What are the work products that are expected?
a.	
b.	
c.	

3. List the papers that have been assigned as required readings.

4. Describe how you will participate as a member of the supporting research lab/unit.

Safety and Research Ethics Training: The PI is responsible for ensuring students receive appropriate safety and research ethics training. By signing this form, student acknowledges they have discussed this with the PI, has or will complete the training within the allowable time, and provide proof of training to the faculty. Students can complete their ethics training by registering for an account at <https://www.citiiprogram.org>.

Name of Student _____

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To be completed by the **faculty (PI)**:

1. How will you, as the faculty member responsible for assigning the final grade, be involved in the individual research experience?

2. Who will directly supervise and guide the student research? Describe how the supervision will be conducted.

***Please indicate the status of the supervisor: _____PI _____Post doc _____Ph.D. Student

3. Describe the safety and research ethics training the student will receive.

Safety and Research Ethics Training: The PI is responsible for ensuring students receive appropriate safety and research ethics training. By signing this form, PI acknowledges they have discussed this with the student, that the student has or will complete the training within the allowable time, and that the appropriate records are kept of the student's training. Students can complete their ethics training by registering for an account at <https://www.citiprogram.org>.

Please indicate the number of individuals in each category currently in the lab:

- _____ Ph.D. Students
- _____ Post docs
- _____ Master's Students
- _____ 199s
- _____ Volunteers
- _____ Research Scientists/Visiting Scholars
- _____ Technicians
- _____ Other (please describe)

In order for a student to receive a passing grade for individual research, the student should:

- be able to give - at the end of their research experience - a coherent presentation or write a report/paper.
- have participated in the design of the project; have contributed to a coherent/self-contained project; have been intellectually engaged and have had an intellectual foundation allowing him or her to make intellectual contributions (rather than just work as a technician).
- have learned concepts, methods and gained experience with primary literature.
- have acquired data analysis experience; be - at the end of their research experience - able to analyze and manipulate data in more than one way.
- have developed communication skills in presenting scientific work.

In order for a student to receive a passing grade, faculty should evaluate the quality of a student's:

- effort
- ability to communicate the research project (research question, experimental approach, data and data analysis)
- overall work

Name of Faculty (PI) _____

Phone _____ Mail Code _____ UCSD Email _____