

basic operation of a microscope) and practice-based research skills.

projects involving bench research) that students take advantage of the 6-week P3 elective option (2 SCH) and/or the two, 6-week, P4 APPE options (6 SCH each) to complete their research for academic credit within the SOP curriculum.

The student will present his/her final Capstone project results at an Honors in Research Program regularly scheduled monthly meeting, departmental seminar, Research Days or Student Research Week at the TTUHSC School of Pharmacy/TTUHSC or at another time by appointment, based on student, mentor, and Honors in Research Program faculty availability. The departmental seminars should be through the faculty mentor's department and should be coordinated with the help of the mentor. The student's mentor must attend the seminar and send a memo to the SOP Research

STUDENT NAME: _____

Date



1.

this extends current research in this area through addressing a research question that is not yet fully answered. The literature review does not need to be exhaustive, but should be organized and argued to support why and how the proposed research will be conducted.

4. Research Design and Methods

Describe the study design (e.g., cross-sectional, case-control, group-comparison, longitudinal, experimental, etc.) that you will employ.

Specify who your subjects or participants are. Indicate where, when, and how subjects will be recruited. Briefly describe the consent process. List both inclusion and exclusion criteria for study subjects.

State the observation or intervention methods. State sample size number proposed in your study; explain how the number estimate is obtained. Describe your plans for data collection method (e.g., via paper survey forms, websites, computerized tablets, PDAs, blood or urine samples, etc.). Indicate measure and/or instrument you propose to use for your study.

State the primary outcome endpoint for your study. Indicate the type of outcome variable (e.g., mean BP change) and the type of data (e.g., continuous variable), and the respective statistical procedures for analyzing those outcome measure.

5. References

Attach a bibliography of all references cited in your proposal. Use the AJHP reference format for bibliographic citations unless otherwise required by your project mentor. Include a minimum of 4 to a maximum of 10 citations.

6. Anticipated timeline for project completion

Attach a table with timelines (actual dates) for conducting the study (see Appendix 2), starting from the anticipated date for when the project topic and project mentor will be determined to when the final paper/poster is approved by the project mentor.

7. Role of Student(s)

If this will be a group

5 - January	Journal selection, journal article submission process, peer review process
6 - February	Drafting results, discussion, conclusions for a research manuscript
7 - March	All students: Capstone platform presentations
8 - April	All students: Capstone platform presentations

Topic and project advisor determined	
Submit project approval form and research proposal for review and approval by the Student Research Project Committee	1 month
Completion of training course for the protection of animal or human research	