

PROJECT PROPOSAL GUIDELINES

A satisfying aspect of taking a physiology class is the opportunity to develop and implement an investigative study. Working with your peers in an assigned group, develop a research proposal. The proposals will undergo review by the faculty. Once the proposals are approved, research studies will be initiated. The format for the proposal is:

WHY RATIONALE AND OBJECTIVES OF THE STUDY

- background and literature context
- pose a question to answer, establish objectives
- state the hypothesis to be investigated

HOW DOING THE STUDY

- methods and techniques
- design and sampling scheme
- appropriate control group
- data analysis, statistical approach

WHAT OUTCOME OF STUDY

- expectations from observations, experiments
- loop back to hypothesis

FEASIBILITY POTENTIAL LIMITATIONS OF STUDY

- equipment and supplies
- organisms and other considerations

LITERATURE CITED

- cited publications

BUDGET \$ OF STUDY

- supplies and organisms

A proposal should be 2-3 pages in length. There is not right or wrong answer to study. Have fun with it.