

Proposal Format - MT 650 Spring 2009

- The goal is to motivate interest and generate team-building research ideas related to infection of biomedical devices.
- Topic: Self-selective, but related to Infection. Must be approved by your research advisor
- Length: 6-10 pages (1.0 line spacing, Times New Roman Font size 11, 1 inch margins)
- The format of your proposal should be as follows:
 - **Title:** maximum 80 letters
 - **Summary of the proposal (Abstract):** half page
 - **Specific aims (2-4):** one page
 - The hypotheses/questions (rational, clear and testable)
 - Each specific aim should also include the general methods
 - The beginning paragraph should set the stage by saying precisely why the study is important
 - **Background introduction and significance:** one to two pages
 - The first paragraph should document the general problem: common, costly, troublesome, and so on.
 - The beginning paragraph should set the stage by saying precisely why the study is important
 - Demonstrate clear and focused knowledge of the relevant topic area
 - **Experiment design:**
 - Rationale and justification
 - Describe the research design and procedures to be used in order to accomplish the specific aims of the proposed project
 - Discuss drawbacks or pitfalls of the study
 - **Anticipated results:**
 - Describe the anticipated results from this study
 - Discuss how to interpret the results
 - **References: (approximately 20 or more; full citations (all authors and titles))**