

Rubric for Evaluating Oral Presentations of Research Proposals

Level 5 Excellent, thoughtful, above and beyond minimal requirements

- * Communicates effectively with interest and enthusiasm throughout the entire proposal.
- * Illustrates thorough understanding of the research proposal.
- * Research is creative and proposal clearly defines variables; variables are the most relevant variables to examine
- * Information presented is scientifically accurate
- * Proposal meets all requirements (on time, scientific literature cited, creative and effective visual aids, total group involvement, etc.) in an exemplary manner.

Level 4 Above average, strong proposal but lacks depth of excellent proposal

- * Communicates effectively throughout most of the proposal.
- * Illustrates an understanding of the research proposed.
- * Variables are well defined, not the most significant variables to investigate.
- * Most of information presented is scientifically accurate.
- * Proposal meets all requirements effectively.

Level 3 Average, meets minimum requirements, lacks enthusiasm and creativity

- * Communicated with some difficulty to peers and Professors.
- * Superficial understanding of their research.
- * Research proposal has a few major flaws that interfere with completion of the project.
- * Variables need clarification, were not the most significant variables to investigate.
- * Needs to improve scientific accuracy of the information presented
- * Proposal meets all requirements with minimum effectiveness.

Level 2 Below average, little interest or effort demonstrated

- * Does not communicate to peers and Professor.
- * Research as proposed cannot be conducted.
- * Variables are not defined.
- * Proposal fails to meet all requirements.

Level 1 Unacceptable

- * no attempt
- * no presentation
- * Demonstrates no linkage and no logical connections between the scientific question, the results, and the interpretation of the results.

Adapted from Biology Lab Guide, Northern Arizona University. 1998. 9th ed. Biology 100, Principles of Biology, Department of Biological Sciences.