



ACVS Research Committee Grant Application Review Criteria

The ACVS Research Committee reviews all research grant applications based on the following criteria:

1. Originality/innovation: Does the research grant proposal challenge and seek to shift current research or clinical paradigms by utilizing novel theoretical concepts, approaches, methodologies, instrumentation, or intervention? Are the concepts, approaches, methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Is a refinement, improvement, or new application of theoretical concepts, approaches, methodologies, instrumentation, or interventions proposed?

2. Significance: Does the project address an important problem or a critical barrier to progress in the field of veterinary surgery? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice in the field of veterinary surgery be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative intervention that drive the field of veterinary surgery?

3. Materials and methods: Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? Are potential problems, alternative strategies, and benchmarks for success presented? If the project is in the preliminary stages of development, will the strategy establish feasibility, and will particularly risky aspects be managed? If the project involves clinical research, are the plans for appropriate selection of clinical subjects and humane treatment of animals justified in terms of the proposed scientific goals and research strategy? Are the statistical methods appropriate?

4. Environment and investigators: Will the scientific environment for the research work contribute to the probability of success? Are the institutional support, equipment, and other physical resources available to the investigators adequate for the proposed project? Will the project benefit from unique features of the scientific environment, subject population, or collaborative arrangements? Does the application provide sufficient evidence that participants have previously or are likely to pursue research careers? Is the principal investigator and co-investigators well suited to the project? Do early or new investigators have appropriate experience and training? Have established investigators demonstrated an ongoing record of accomplishments that have advanced the field of veterinary surgery? Do the investigators have complementary and integrated expertise?

5. Budget: Was the cost well justified and accurate? Were the budget guidelines followed?

Scoring scale. The Research Committee uses the following nine-point scoring scale to score each criterion.

9 - Exceptional	Exceptionally strong with essentially no weaknesses
8 - Outstanding	Extremely strong with negligible weaknesses
7 - Excellent	Very strong with only some minor weaknesses
6 - Very Good	Strong but with numerous minor weaknesses
5 - Good	Strong but with at least one moderate weakness
4 - Satisfactory	Some strengths, but also some moderate weaknesses
3 - Fair	Some strengths, but with at least one major weakness
2 - Marginal	A few strengths and a few major weaknesses
1 - Poor	Very few strengths and numerous major weaknesses