



2010 CALGARY YOUTH SCIENCE FAIR

**GUIDELINES FOR PROJECTS  
USING HUMAN SUBJECTS  
AND ANIMALS**

1. Animals, for the purposes of these guidelines, range from single-cell organisms up to and *including* humans.
2. The society will not support any experimentation by grade five to nine students with live animals that could result in injury, distress (including emotional, psychological or physical distress) or death to the animals. Some latitude may be allowed at the secondary level (Grade 10-12, see item #7). Please be aware however, that the society would prefer that secondary students realize and appreciate the value of all life and attempt to avoid experiments where animals may be harmed.
3. Observation of the normal living patterns of animals is the recommended type of project, especially for younger students. Please be aware that any projects that involve humans, including psychological and observational studies, must have permission from the Ethics and Safety Chairperson. Additionally, ethical guidelines now require that a *signed permission sheet be kept in your log book for each person who participates in the project* (this permission sheet is called the Informed Consent Form).
4. Any student proposing to do a project that involves the study of live animals (including humans) or use of animal tissue samples *must request permission in advance of the work* by submitting the Ethics and Due Care Form to the Ethics & Safety Chairperson via mail, fax or email (see bottom of page).
5. Once given permission to proceed with a project involving the use of live animals, the project must be directly and continuously supervised by the Science Fair Coordinator at the school.
6. Any study of, or experimentation with, human tissue (*and this includes hair and teeth*) is prohibited regardless of the type or source of the human tissue (see item #7 for details of the possible exceptions for students in Grade 10-12).
7. Exceptions to item #2 and #6 may be made in the case of students in *Grade 10 -12* under the following conditions:
  - a. The project proposal has been submitted to the Ethics and Safety Committee prior to commencement of the research. The Committee may reject the proposal on the grounds of unnecessary stress to animal and human subjects, or unnecessary exposure to risk for the student.
  - b. All work related to the project is carried out under the direct supervision of a qualified professional in an accredited laboratory that meets Federal Safety Standards.
8. **Any breach of the above will result in the project being immediately disqualified from participating in the Calgary Youth Science Fair.**

For further information call Leslie Sears at 403-241-3287 (evenings) or 403-218-1618 (days) or e-mail specific questions to [lsears@petrelrob.com](mailto:lsears@petrelrob.com).

***Ethics and Due Care Forms, with all signatures in place, may be submitted via:***

**E-mail: [lsears@petrelrob.com](mailto:lsears@petrelrob.com); Fax: c/o Leslie Sears at 403-262-9135**

**Mail: Leslie Sears at 52 Hawksley Cr. N.W., Calgary, AB T3G 3C5**