



REQUEST FOR NON-HUMAN VERTEBRATE ANIMAL ENDORSEMENT

THESE RULES WILL BE STRICTLY ENFORCED FOR THE CITY AND STATE SCIENCE EXPOSITIONS. NO AREA OR REGION SHOULD SEND A PROJECT TO THE CITY OR STATE EXPOSITION THAT DOES NOT MEET THESE REGULATIONS.

1. The student and the sponsor have the responsibility to see that all animals have proper care in well-ventilated, properly lighted locations with proper nutrition, proper temperature, adequate water, and sanitary surroundings. Care must be taken to see that the organisms are properly cared for during weekends and vacation periods.
2. NO primary or secondary cultures involving warm-blooded animals taken directly (mouth, throat, skin, bone, etc) or indirectly (cage debris, droppings, etc.) will be allowed. However, cultures purchased from reputable biological supply houses or research facilities are suitable for student use.
3. No intrusive or pain-producing techniques may be used. Included in these techniques would be such things as surgery, injections, taking of blood, burning, electrical stimulation or giving of over-the-counter, prescription, illegal drugs or alcohol to measure their effect.
4. No changes may be made in an organism's environment that could result in undue stress, an injury, or death to the animal.
5. No vertebrates can be used as the independent or dependent variables in an experiment that could result in undue stress, an injury or death to the animal.
6. For maze running and other learning or conditioning activities, food or water cannot be withheld for more than 24 hours. If the animal has a high metabolic rate, then food or water cannot be withheld for a length of time that would produce undue stress on the animal.
7. Chicken or other bird embryo projects are allowed, but the treatment must be discontinued at or before 72 hours prior to the scheduled hatch day.
8. Projects that involve behavioral studies of newly-hatched chickens or other birds will be allowed if no changes have been made in the normal incubation and hatching of the organism, and that all vertebrate rules are followed.

Before beginning a project involving vertebrate animals, students must obtain permission from the Scientific Review Committee and in some cases, from IJAS. Details about rules regarding the use of non-human vertebrates are on pages 9-11 of the 2010 Science Fair Handbook. Humane care and use must supersede all other considerations, including scientific merit, when animals are used in science projects.

Exceptions to the rules above will not be allowed unless the student is working with a university, hospital or research facility on an ongoing research project being conducted by the institution and the following conditions are met. 1) The endorsement request is made before the SRC deadline of November 18, 2009, 2) The consulting scientist completes and signs the appropriate section of this request form and includes the required documentation and 3) The endorsement is granted before the student begins the experiment.

Most types of vertebrate research require the supervision of a research scientist who is a veterinarian, medical doctor or biological research scientist. If an experiment involves non-manipulative observational research (as in the Behavioral Science category) supervision by a research scientist is NOT needed. **All other projects in which any aspect of a vertebrate's environment is altered must be supervised by a D.V.M., M.D., or Ph.D. in biological research.** The project will be disqualified if the signature of the supervising research scientist is not included on this request.

SPECIAL NOTE: Students in grades 9-12 wishing to participate at the International Science and Engineering Fair should consult page 36 of this handbook for required forms. ISEF rules and forms are available at http://www.societyforscience.org/isef/about/rules_regulations.asp.

Name of Student: _____ email: _____

Home Address: _____ Chicago, IL Zip Code: _____ Phone: _____

Print Name of Teacher-Sponsor: _____ email: _____

School: _____ GSR# _____ Date of Request: _____

TO BE COMPLETED BY THE CONSULTING SCIENTIST

Name of veterinarian, doctor or biological research scientist consulting on this project, including title: _____

Profession: _____ Position/Institution: _____

Phone: () _____ Email: _____

Please provide:

- 1) on institute stationery, a description of the experimental procedures and your supervision..
- 2) a copy of your institution's IRB approval that covers the scope of this work, whether original or part of an ongoing study.

The student will receive proper training and my direct supervision during this research project.

Signature of Scientist/Consultant: _____ Date: _____

TWO copies of this completed form must be received by Ms. Pamela Sims, Nettelhorst Elementary, GSR #33 by November 18, 2009.

(Continued on page 60)

