

REQUEST FOR NON-HUMAN VERTEBRATE ANIMAL ENDORSEMENT

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 13-14 of the current Science Fair Handbook. Humane care and use must supersede all other considerations, including scientific merit, when animals are used in science projects.

THESE RULES WILL BE STRICTLY ENFORCED FOR THE REGIONAL (NETWORK), CITY AND STATE SCIENCE EXPOSITIONS. NO REGIONAL (NETWORK) FAIR SHALL 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.
9. Vertebrate research involving the manipulation of any aspect of a vertebrate animal's environment **MUST** be supervised by a research scientist who is a veterinarian, medical doctor or biological research scientist. The project will be disqualified without the required evidence of this supervision.

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 **October 15, 2016**, 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.

SPECIAL NOTE: Students in grades 9-12 wishing to participate at the International Science and Engineering Fair should consult pages 41-42 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: _____ Student E-mail Address: _____

Student School ID number (8 digits): Print Name of Teacher-Sponsor _____

Teacher-Sponsor E-mail Address: _____

School: _____ GSR# _____ Date submitted: _____

TO BE COMPLETED BY THE CONSULTING SCIENTIST

1. Consultant's contact information:

Name of consulting professional (veterinarian, doctor or biological researcher): _____

Title: _____

Profession _____ Position and name of Institution _____

Phone number (extension if applicable): () _____ E-mail address: _____

2. A signed original letter on institute stationery that specifically describes the student's procedure and how the student will be supervised by the consultant throughout the experiment. The letter must also include the following statement indicating the consulting adult certifies he/she will provide necessary supervision AND RECEIVED BY October 15, 2016.

"By signing this document I certify that I will directly train and supervise this student and take necessary precautions to avoid risk to the test subjects and to the student experimenter."

3. A copy of your institution's Institutional Animal Care and Use Committee approval that covers the scope of this work, whether original or part of an ongoing study.

4. Signature of Consulting Scientist: _____ Date _____

TWO COPIES OF THIS COMPLETED FORM MUST BE RECEIVED BY MS. PAMELA SIMS, NETTELHORST ELEMENTARY, GSR #33 BY NOVEMBER 15, 2016

(NO FAXED DOCUMENTS ACCEPTED) This endorsement request must be completed on-line at www.cssf.org; and may be saved, printed, signed, scanned and sent to nonhumanvert8@gmail.com.

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Students and sponsors doing a non-human vertebrate project must complete this form. Failure to comply with the rules on the previous page will mean disqualification of the project. This form must follow the Safety Sheet in the project research paper.

Type of Vertebrate Animal used: _____

Title of Project: _____

Read and answer each of the following questions carefully so the Scientific Review Committee can fairly assess whether your project will be safe for your test subjects. Do NOT copy and attach the procedure from your research plan as a substitute.

1. Hypothesis or problem to be studied (include independent and dependent variables)

2. Briefly describe the procedure (including the length of time) in which non-human vertebrate subject(s) will be involved.

3. Describe the housing and care to be provided to the animal(s). Include the cage/pen size, number of animals per cage, environment, bedding, type of food, frequency of food and water, how frequently the animal(s) will be observed, etc.

4. What will happen to the animal(s) after you have finished your experiment and project?

The signatures of the sponsor and the student or students below indicate that the project conforms to the above rules of CPS Student Science Fair and of the Illinois Junior Academy of Science.

Sponsor Signature: _____ Sponsor Email address: _____

Student 1 Signature: _____ Student Email address: _____

Student 2 Signature: _____ Student Email address: _____

Date: _____

FOR SRC USE ONLY	The signature and stamp in blue ink indicate this project has been approved as safe.	SRC Stamp:
	Scientific Review Committee Member:	
	Date of approval:	

SIGNATURE AND STAMP FROM THE SRC MUST BE ON THIS ENDORSEMENT BEFORE THIS PROJECT CAN BE EXHIBITED THIS ENDORSEMENT MUST BE TYPED AND DISPLAYED ON THE FRONT OF THE EXHIBITOR'S DISPLAY BOARD. IT MAY BE REDUCED TO A HALF SHEET OF PAPER IF NECESSARY (PRINT AT 65% REDUCTION).

CHECK BOX IF EXCEPTION/APPROVAL LETTER IS REQUIRED AND ATTACHED (SEE PAGE 14)