

# COVID VIRUS PRECAUTIONS MUST BE USED

## 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 UAS. Details about rules regarding the use of non-human vertebrates are on pages 13-14 of the current STEM Exhibition 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) EXHIBITION 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 **November** \_\_\_\_\_) 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 page 41 of this handbook for required forms. ISEF rules and forms are available at <https://student.societyforscience.org/international-rules-pre-college-science-research> .

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:

**Due by November** \_\_\_\_\_

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

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 November \_\_\_\_\_

"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 \_\_\_\_\_

**THIS ENDORSEMENT FORM MUST BE RECEIVED BY November** \_\_\_\_\_ (See above for exceptions).

**(NO FAXED DOCUMENTS ACCEPTED)** This endorsement request must be completed on-line at [www.cssf.org](http://www.cssf.org); and may be saved, printed, signed, scanned and sent to [cpsnonhumanvert@gmail.com](mailto:cpsnonhumanvert@gmail.com).

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