

**State Fair of Texas Agriscience Fair Abstract**

(The abstract's length is not to exceed the text box area below.)

**Student(s)** : \_\_\_\_\_ 4-H/FFA Club or Chapter

Select  
Category

Select  
Division

**Project Title**

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**THIS FORM IS REQUIRED FOR COMPETITION**

# Sponsor Approval Form

\_\_\_\_\_  
Student(s)

\_\_\_\_\_  
4-H/FFA Club or Chapter

1. **Adult Sponsor Approval:** I have read the Research Plan prior to experimentation and reviewed the Checklist for Adult Sponsor with the student. I agree to sponsor the student and assume reasonable responsibility for compliance with all rules.

\_\_\_\_\_  
Adult Sponsor's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

2. **Student Acknowledgment:** I understand the risks and possible dangers to me in the Research Plan. I will adhere to all rules when conducting this research.

\_\_\_\_\_  
Student's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Student's Printed Name  
(If Applicable)

\_\_\_\_\_  
Signature  
(If Applicable)

\_\_\_\_\_  
Date

3. **Parent/Guardian Approval:** I have read and understand the risks and possible dangers involved in the Research Plan. I give my consent to my child prior to participating in this research.

\_\_\_\_\_  
Parent's/Guardian's Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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# Checklist for Adult Sponsor / Safety Assessment Form

This completed form is required for all projects and must be submitted with application.

Student(s) Name \_\_\_\_\_  
4-H/FFA Club or Chapter

- \_\_\_\_\_ 1) I have reviewed the Research Plan/Approval Form
- \_\_\_\_\_ 2) The student and a parent/guardian have reviewed the Approval Form
- \_\_\_\_\_ 3) This project involves the following area(s) and had prior approval before experimentation.

<input type="checkbox"/> Human Subjects	<input type="checkbox"/> Controlled Substances
<input type="checkbox"/> Non-human Vertebrate Animals	<input type="checkbox"/> Recombinant DNA
<input type="checkbox"/> Pathogenic Agents	<input type="checkbox"/> Human or Animal Tissue

- \_\_\_\_\_ 4) This project involves the hazardous substances or devices checked below. A designated supervisor properly supervised the student. Prior approval by the adult sponsor and the designated supervisor was obtained.
- \_\_\_\_\_ - **Chemicals** (i.e., hazardous, flammable, explosive or highly toxic: carcinogens; mutagens and all pesticides). I have reviewed with the student the Safety Sheet for each chemical that was used. I also reviewed the proper safety standard for each chemical including toxicity data, proper handling techniques, and disposal methods. For Safety in Academic Chemistry Laboratories, write to the American Chemical Society, Career Publications, 1155 16th St., NW, Washington, DC 20036 (202-872-4512).
  - \_\_\_\_\_ - **Equipment** (i.e., welders; voltage greater than 220 volts). I have reviewed with the student proper operational procedures and safety precautions for the equipment.
  - \_\_\_\_\_ - **Firearms** I have reviewed with the student the proper safety standards for firearms use.
  - \_\_\_\_\_ - **Radioactive Substances** I have reviewed the proper safety standards for each radioactive substance with the student prior to experimentation.
  - \_\_\_\_\_ - **Radiation** (i.e., x-ray or nuclear; unshielded ionizing radiation of 100-400 nm wavelength). I have reviewed with the student the proper safety methods concerning the type of radiation the student used prior to experimentation.

\_\_\_\_\_ Adult Sponsor's Printed Name

\_\_\_\_\_ Sponsor's Signature

\_\_\_\_\_ Date

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# Human Vertebrate Endorsement

Recognizing that human beings are vertebrate animals and yet need different criteria than nonhuman vertebrates, the following policies will govern the use of human beings.

1. No projects involving human cultures of any type (mouth, throat, skin or otherwise) are allowed. However, tissue cultures purchased from reputable biological supply houses or research facilities are suitable for student use.
2. Projects that involve taste, color, texture or any other choice are allowed, but are limited to preference only. Quantities of normal food and non-alcoholic beverages are limited to normal serving amounts or less. No project may use drugs, food or beverages in order to measure their effect on a person.
3. The only human blood that may be used is that which is either obtained through a blood bank, hospital or laboratory. No blood may be drawn by any person or from any person specifically for a science project. This rule does not preclude a student making use of the data collected from blood tests not made exclusively for a science project.
4. Projects that involve exercise and its effect on pulse, respiration rate and blood pressure are approved, if valid, normal physical examination is on file and the exercise is not carried to extreme
5. Projects that involve learning, ESP, motivation, hearing, vision and surveys are allowed.
6. No project will be allowed that is in violation of these rules. No person may perform any experiment for the student that violates any of the rules.

In this space, briefly describe the use of humans in your project. Use the back of this page if necessary.

The signatures of the student(s) \_\_\_\_\_  
and the CEA/AST indicate this project conforms to the above rules.

Signed \_\_\_\_\_  
(Student Signature)

Signed \_\_\_\_\_  
CEA/AST

Signed \_\_\_\_\_  
(Student Signature)

\_\_\_\_\_  
4-H/FFA Club or Chapter

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## Non-Human Vertebrate Endorsement

These rules are strictly enforced. Students and advisors using non-human vertebrates in their project must complete this form. The signature of the student and the advisor indicate the project was done within the rules and regulations of

1. Intrusive techniques used cannot exceed momentary pain and must comply with commonly accepted livestock management procedures.
2. Changing an organism's normal environment by using either aversive stimuli or predatory/prey conditions to study behavior/operant conditioning is prohibited.
3. Food and water cannot be used or withheld for more than 24 hours for maze running and other learning or conditioning activities.
4. The student and advisor have the responsibility to see that animals are properly cared for in a well-ventilated, lighted and warm location with adequate food, water and sanitary conditions. Care must be taken to see that organisms are properly cared for during weekends and vacation periods.
5. Chicken or other bird embryo projects must be terminated at or before ninety-six hours.
6. Projects that involve behavioral studies or newly hatched chickens or other birds will be allowed, provided no change has been made in the normal incubation and hatching of the organism and all vertebrate rules are followed.

In this space, briefly describe the use of vertebrate animals in your project. Use the back of this page if necessary.

The signatures of the student(s) \_\_\_\_\_  
and the CEA/AST indicate this project conforms to the above rules.

Signed \_\_\_\_\_  
(Student Signature) CEA/AST

Signed \_\_\_\_\_  
(Student Signature) 4-H/FFA Club or Chapter

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# Hazardous Materials Waiver Form

The applicant, by signing below, agrees to the regulations included regarding the use of hazardous materials.

Student Name(s) \_\_\_\_\_  
4-H/FFA Club or Chapter

Project Title \_\_\_\_\_

**Please list below all of the hazardous substances used in this research. Include all safety precautions taken and the proper disposal procedures:**

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I certify that I have followed the above listed safety precautions and disposal procedures.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Student's Printed Name

\_\_\_\_\_  
2nd Student's Signature (If Applicable)

\_\_\_\_\_  
Student's Printed Name (If Applicable)

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## RESEARCH EXPENSES

List all expense items used in your research project. The cost per item is recorded in Column 3; the amount paid by the student in Column 5 and the expenses paid by someone else in Column 6. Identify the other sources of funding in Column 7.

<b>RESEARCH PROJECT EXPENSES</b>						
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>EXPENSE ITEMS</b>	<b>NUMBER OF UNITS</b>	<b>PRICE PER UNIT</b>	<b>TOTAL</b>	<b>AMOUNT FUNDED BY STUDENT</b>	<b>AMOUNT FUNDED BY OTHER SOURCES</b>	<b>NAME OF FUNDING SOURCE</b>
<b>TOTALS</b>			<b>\$</b>	<b>\$</b>	<b>\$</b>	

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