Student and Project Information

<table>
<thead>
<tr>
<th>Team Project</th>
<th>Yes ☐ No ☐</th>
<th>Number of Participants</th>
<th>1 ☐ 2 ☐ 3 ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student 1</td>
<td>☑ Grade: 5 ☐ 6 ☐ 7 ☐ 8 ☐</td>
<td>Student 2</td>
<td>☑ 5 ☐ 6 ☐ 7 ☐ 8 ☐</td>
</tr>
<tr>
<td>First Name:</td>
<td>First Name:</td>
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<td>Last Name:</td>
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<tr>
<td>School:</td>
<td>District:</td>
<td>Teacher Name:</td>
<td>Teacher Email:</td>
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Project Title: ____________________________________________________________________________

BEFORE Experimentation Begins – Project Safety Concerns and Pre-Approval Signatures

Certain projects require additional considerations and supervision. Read through each of the following restrictions carefully. Determine if any of these apply to your project. Some projects may be subject to multiple restrictions. If any of these restrictions apply to your project, check the “Applies to this Project” box for that area. If no restrictions apply, only the science teacher signature is required. **Before beginning experimentation**, you will need to obtain any additional signatures listed in the restrictions.

**Human Test Subjects** (Example: surveys, taste tests, play a game or interact with another human in any way)

If you are working with humans of ANY age, you need PRE-approval from a Science Teacher AND a Psychologist, Medical Doctor or Registered Nurse to make sure your research is safe. During the review, if it is determined that there is more than minimal risk to the human subjects involved in the project, the student must receive written consent from each of the participants and written parental consent for students under 18 years old. **Required Signatures**: Science Teacher AND a Psychologist, Medical Doctor or Registered Nurse. A copy of the surveys or test you intend to use must be attached.

**Non-Human Vertebrate Animals** (Example: fish, rabbits, dogs, etc)

Experiments involving laboratory animals (rats, mice, hamsters, gerbils, rabbits, etc) cannot be conducted in a student’s home except for behavior studies on pets. Proper animal care must be provided daily, including weekends, holidays and vacations. Experimental procedures that cause unnecessary pain or discomfort are prohibited. Experiments designed to kill vertebrate animals are not permitted. Experiments with a death rate of 30% or higher are not permitted. Behavioral studies or supplemental nutritional studies involving pets or livestock may be done at home. **Required Signatures**: Science Teacher AND a Veterinarian or other Biomedical/Biological Scientist

**Controlled Substances** (Example: Over the counter or prescription drugs, tobacco, and alcohol)

Students must adhere to all federal, state and local laws when acquiring and handling controlled substances. Only under the direction of a qualified scientist or designated supervisor may a student use federally controlled or experimental substances for experimentation. Students under 21 may not handle or purchase smokeless powder or black powder for science projects. **Required Signatures**: Science Teacher AND a Biomedical/Biological Scientist

**Hazardous Substances or Devices** (Chemicals, firearms, welders, lasers, radioactive substances, radiation)

Students must adhere to federal and state regulations governing hazardous substances or devices. An adult must directly supervise experiments. Students working with hazardous substances or devices must follow proper safety procedures for each chemical or device used in the research. **Required Signatures**: Science Teacher AND a Biomedical/Biological Scientist

**Potentially Hazardous Biological Agents** (Example: Bacteria, Mold, Fungi, Viruses, Parasites, Recombinant DNA (rDNA), Human or Animal fresh tissues, blood or body fluids, etc)

All Biosafety Level 1 and 2 projects can be performed in a school laboratory. **BACTERIA MAY NOT BE GROWN AT HOME**. Standard microbiological practices must be used and all hazardous agents must be properly disposed of at the end of experimentation. The experiment must be supervised by a qualified scientist or a trained designated supervisor. For lab space or questions, please contact USEF. **Required Signatures**: Science Teacher AND a Biomedical/Biological Scientist

**Additional Safety Approval** (required if any boxes are checked above)

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<thead>
<tr>
<th>Name: ___________________________</th>
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<tr>
<td>Position: ________________________</td>
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<td>Email: __________________________</td>
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<tr>
<td>Signature: ______________________</td>
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If more than one signature is required, please use an additional copy of this form.
I certify the following:

□ My science project complies with all the experimental rules of the University of Utah Science and Engineering Fair

□ I have attached a written plan for my project, indicating all materials needed and my planned procedure.

Signature of Student

________________________________________________________

Date

If this is a team project, each additional team member must sign below.

Signature of Student

Date

Signature of Student

Date

Signature of Student

Date

I have read and understand the risks and possible dangers involved in the project plan, and I consent to my child participating in this project.

Signature of Parent/Guardian

Date

If this is a team project, each additional team member’s Parent/Guardian must sign below.

Signature of Parent/Guardian

Date

Signature of Parent/Guardian

Date

Signature of Parent/Guardian

Date

This form must be submitted to your teacher or school fair coordinator. School fair coordinators must turn this form in to the district-level fair coordinators in order to qualify for USEF.

PLEASE KEEP A COPY FOR YOURSELF!!

Please contact Jody Oostema at jody.oostema@utah.edu or 801-585-9109 with any questions.

The University of Utah Science & Engineering Fair is presented by the Center for Science and Mathematics Education and the University of Utah.