NOTE: These forms are not to be used to register for the regional fair (Southern Utah Science and Engineering Fair). These forms are for local school fair use only.

### Student Information

<table>
<thead>
<tr>
<th>Student’s Name</th>
<th>Birth Date</th>
<th>Shirt Size (unisex)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Mailing Address</th>
<th>Grade Level: (Check One) 5 □ 6 □ 7 □ 8 □</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>Zip</th>
<th>Phone</th>
<th>E-mail</th>
</tr>
</thead>
</table>

If your project is a team project, each additional team member must be listed below.

<table>
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### Project Information

<table>
<thead>
<tr>
<th>Project Title</th>
<th>School</th>
<th>District</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Teacher/Supervisor’s Name</th>
<th>Email</th>
</tr>
</thead>
</table>

Category*: (Check One)

- □ 1. Animal Sciences
- □ 2. Behavioral and Social Sciences
- □ 3. Chemistry
- □ 4. Earth and the Environment
- □ 5. Engineering
- □ 6. Math and Computer Science
- □ 7. Medicine and Health
- □ 8. Physics and Astronomy
- □ 9. Plant Sciences
- □ 10. Product Testing and Consumer Sciences

* All teams will be judged with their respective subject categories.

Will your display require electricity? (Circle One)  Yes No
Is your project too large for a table, [more than 70 inches tall] (Circle One)  Yes No
Is your project a continuation from last year? (Circle One)  Yes No

### Display and Safety Rules*

The following items cannot be displayed at the science fair:

- Living organisms
- Plant materials (living, dead, or preserved), with the exception of manufactured construction materials
- Taxidermy specimens or parts
- Preserved animals—includes embryos
- Human or animal food
- Human or animal parts or body fluids
- Soil, sand, or waste samples
- Laboratory or household chemicals—including water
- Poisons, drugs, hazardous substances, or devices
- Active internet connections as part of displaying the project

- Sharp items—pipets, glass, syringes, needles
- Dry ice or other sublimating solids
- Flames or highly flammable display materials
- Empty tanks which previously contained combustible liquids or gases
- Batteries with open-top cells
- Photographs of people other than yourself or your family without their written permission (Exception: photos from Internet, newspapers, journals, etc., if credit lines are attached)
- Photographs or other visual presentations depicting vertebrate animals in surgical techniques, dissection, necropsies, other lab techniques, improper handling methods, improper housing conditions, etc.
- Business cards or endorsements

*SUSEF Display and Safety reserves the right to remove any item displayed with your project which may be deemed hazardous or inappropriate for public display.

**Project size limit:**
- 30” (76 cm) deep
- 48” (122 cm) wide
- 108” (274 cm) high, including height of table
  (tables provided by fair are approx. 36” tall)

### Student Signatures

I certify that I am entering an exhibit which is my own work. Plagiarism, use or presentation of other researcher’s work as one’s own, forgery of approval signatures and fabrication or falsification of data or approval dates will not be tolerated. I understand that it is my responsibility to see that this entry form is completely and correctly filled out, signed and postmarked. The entrance fee and special forms are enclosed. You have my permission to use appropriate information about me for publicity purposes. This includes photography submitted by me as well as any photographs, videos or likenesses that may be used by SUSEF publicity committee, or the sponsors of awards for the purposes of illustration, advertising or publication in any manner. I also consent to the use of my name in connection therewith and my cooperation of the duration for the fair cycle.

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 ________________

### Parent/Guardian Signatures

I certify that this exhibit is the work of the exhibitor, and that all risks of loss or damage concerning it will be accepted by, and be the responsibility of, the exhibitor. You have my permission to use appropriate information about my child for publicity purposes. This includes photography submitted by my child as well as any photographs, videos or likenesses that may be used by SUSEF publicity committee, or the sponsors of awards for the purposes of illustration, advertising or publication in any manner. I also consent to the use of my child’s name in connection therewith and my cooperation of the duration for the fair cycle.

Parent or Guardian’s printed name __________________________ Signature of Parent or Guardian ______________________ Date ________________
If this is a team project, each additional team member’s Parent/Guardian must sign below.

Parent or Guardian’s printed name __________________________ Signature of Parent or Guardian ______________________ Date ________________
Parent or Guardian’s printed name __________________________ Signature of Parent or Guardian ______________________ Date ________________

### Teacher/Supervisor Signature

As the teacher of the above-named student, I have checked all information for accuracy. I find it to be correct and complete. I certify that I have reviewed the research plan prior to the beginning of the experiment and it does comply with the rules* of the Fair. I understand that scientific fraud and misconduct should not be condoned at any level of research or competition. Plagiarism, use or presentation of other researcher’s work as one’s own, forgery of approval signatures and fabrication or falsification of data or approval dates will not be tolerated. Fraudulent projects should not qualify for competition in affiliated fairs or the ISEF.

Science Teacher’s printed name __________________________ Signature of Science Teacher ______________________ Date ________________
My Project will involve the following (check all that apply):

☐ **Human Subjects**
All research projects involving humans, including surveys, tests, behavioral studies, and physical activities, must be **reviewed and approved** by a science teacher, a school administrator, and one of the following: a psychologist, psychiatrist, medical doctor, physician’s assistant or registered nurse **before the student begins experimentation**. If the reviewers determine that there is more than minimal psychological or physical 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 each subject under the age of 18. If the reviewers determine that there are unacceptable risks involved with the project, the student must revise his or her project. Please attach a copy of any surveys or tests to the research plan. Students may not publish or display information which identifies the human subjects.

☐ **Non-Human Vertebrate Animals**
All projects involving non-human vertebrate animals must be **reviewed and approved** by two science teachers and a biomedical scientist (such as a veterinarian) **before experimentation begins**. Alternatives to the use of vertebrate animals must be explored and included in the student’s research plan. Experiments involving laboratory animals (rats, mice, hamsters, gerbils, rabbits, etc.) **cannot be conducted in a student’s home**. Behavioral studies or supplemental nutritional studies on pets or livestock may be conducted at home only if the reviewers determine that there is minimal risk to the vertebrate animal. Proper animal care must be provided daily, including weekends, holidays, and vacations. Experimental procedures which cause unnecessary pain or discomfort are prohibited. Experiments designed to kill any vertebrate animal are prohibited. Behavioral studies involving conditioning with aversive stimuli, mother/infant separation or induced helplessness are prohibited. Induced toxicity studies are prohibited.

☐ **Hazardous Chemicals, Activities or Devices** (prescription drugs, tobacco, alcohol, hazardous chemicals, firearms, welders, lasers, radioactive substances, radiation)
All projects involving use of hazardous substances or devices must be reviewed and approved by two science teachers and a qualified adult supervisor before experimentation begins. All students using hazardous substances or devices in their projects 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. **All projects involving controlled substances are prohibited at the Junior Fair level.**

☐ **Potentially Hazardous Biological Agents** (bacteria, viruses, viroids, prions, rickettsia, mold, fungi, parasites, recombinant DNA technologies, human or animal fresh tissues, blood or body fluids, etc.)
All projects involving potentially hazardous biological agents must be reviewed and approved by two science teachers and a biomedical scientist before the student begins experimentation. It is the responsibility of the student and the adults involved with the project to conduct a risk assessment. Risk assessment defines the potential level of harm, injury, or disease to plants, animals and humans that may occur when working with biological agents. A critical component of risk assessment is assignment of the biological agent to a risk group. **Uncontrolled growth of unknown organisms and/or uncontrolled decomposition of tissue do not allow identification of a risk group and will therefore not be allowed.**

Allowable microbiology projects include: the ordering of specific known strains of low-risk microorganisms from a reputable laboratory supply company and analyzing them in a laboratory environment under the direction of a qualified supervisor (not in the home), or activities such as swabbing everyday locations and sending the swabs away to a qualified institution for analysis. **Growing cultures from these swabs as part of the project is considered uncontrolled growth.** Plant tissues, non-decomposed food products, hair, teeth that have been sterilized, and fossilized tissue do not need to be treated as potentially hazardous biological agents.

For a more complete list of guidelines regarding all of the subjects listed above please visit the following website: [http://www.societyforscience.org/isef/rulesandguidelines](http://www.societyforscience.org/isef/rulesandguidelines). Please be aware that the ISEF rules are Senior Fair rules and that SUSEF Junior Fair projects may have additional restrictions which are listed above.

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If your science fair project will include any of the subjects listed above, you must receive approval **before you begin experimentation** and obtain the signatures of those approving your project.

<table>
<thead>
<tr>
<th>Reviewer 1</th>
<th>Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reviewer 2</td>
<td>Title</td>
<td>Date</td>
</tr>
<tr>
<td>Reviewer 3</td>
<td>Title</td>
<td>Date</td>
</tr>
</tbody>
</table>
Research Plan—Junior Fair

My Question:

Bibliography (Include at least three references):

My Hypothesis:

Needed supplies:

Procedure
Please write a detailed explanation of what you plan to do for your experiment. Use additional paper if necessary.
Abstract
All participants are required to complete an abstract form after experimentation is complete.

Name:

Project Title:

Category:

Include a maximum 250 word summary of your project which includes: the purpose of the experiment, procedures used, a summary of the data, and your conclusions.

I/We hereby certify that the information provided in the Abstract is the result work done in the current school year only. I/We also attest that the above properly reflect my/our own work.

____________________________________________________________                                _____________________________________
Finalist or Team Leader Signature                                                                                                 Date