

Name _____ Period _____

Due date: Monday December 17, 2012

How to complete the science fair packet:

Sign-up sheet

- Complete information on top
- Circle the topic of your investigation
- Complete the checklist in the box

Form 1: Checklist for Adult Sponsor

- 1-6: Check any that apply. If additional forms are needed we will provide them.
- Parent is the adult sponsor

Form 1A: Student checklist

- Complete 1-5 and 7-8 We will fill in #6 later
- #9 will be completed if the student goes to the Mid-Columbia Science Fair
- #10 will be completed in their report and on their display board

Form 1B: Approval Form

- Student and parent/guardian sign section 1

2013 Science Fair Project Fair Sign-up Sheet: **Due Dec. 17, 2012**

Name _____

Teacher _____ Grade _____ Class Period _____

Project Title: _____

Topic: (Please circle one)

Physical Science

Behavioral and Social Science

Botany

Zoology

Environmental

Engineering

Earth and Space

Microbiology

Food Science

Computer and Math

Medicine and Health

Chemistry

Desert Hills Science Fair winners are eligible to participate in the Mid-Columbia Science Fair which is held in March at the Columbia Center Mall in Kennewick.

Does your project include any of the following?

_____ Animals

_____ Human Subjects

_____ Bacteria/Virus

_____ Hazardous Materials

_____ Hazardous Activities

If you answered checked any of these categories, you are required to complete safety documentation PRIOR to starting your project. If the safety documentation is not completed you will not be able to participate in the Mid-Columbia Science Fair.

Checklist for Adult Sponsor (1)

This completed form is required for ALL projects.

To be completed by the Adult Sponsor in collaboration with the student researcher(s):

Student's Name(s): _____

Project Title: _____

- 1) I have reviewed the Intel ISEF Rules and Guidelines.
- 2) I have reviewed the student's completed Student Checklist (1A) and Research Plan.
- 3) I have worked with the student and we have discussed the possible risks involved in the project.
- 4) The project involves one or more of the following and requires prior approval by an SRC, IRB, IACUC or IBC:

<input type="checkbox"/> Humans	Potentially Hazardous Biological Agents
<input type="checkbox"/> Vertebrate Animals	<input type="checkbox"/> Microorganisms <input type="checkbox"/> rDNA <input type="checkbox"/> Tissues
- 5) Items to be completed for **ALL PROJECTS**

<input type="checkbox"/> Adult Sponsor Checklist (1)	<input type="checkbox"/> Research Plan
<input type="checkbox"/> Student Checklist (1A)	<input type="checkbox"/> Approval Form (1B)
<input type="checkbox"/> Regulated Research Institutional/Industrial Setting Form (1C) (when applicable after completed experiment)	
<input type="checkbox"/> Continuation Form (7) (when applicable)	
- 6) **Additional forms required if the project includes the use of one or more of the following** (check all that apply):
 - Humans** (Requires prior approval by an Institutional Review Board (IRB); see full text of the rules.)
 - Human Participants Form (4) or appropriate Institutional IRB documentation
 - Sample of Informed Consent Form (when applicable and/or required by the IRB)
 - Qualified Scientist Form (2) (when applicable and/or required by the IRB)
 - Vertebrate Animals** (Requires prior approval, see full text of the rules.)
 - Vertebrate Animal Form (5A)—for projects conducted in a school/home/field research site (SRC prior approval required.)
 - Vertebrate Animal Form (5B)—for projects conducted at a Regulated Research Institution. (Institutional Animal Care and Use Committee (IACUC) approval required prior experimentation.)
 - Qualified Scientist Form (2) (Required for all vertebrate animal projects at a regulated research site or when applicable)
 - Potentially Hazardous Biological Agents** (Requires prior approval by SRC, IACUC or Institutional Biosafety Committee (IBC), see full text of the rules.)
 - Potentially Hazardous Biological Agents Risk Assessment Form (6A)
 - Human and Vertebrate Animal Tissue Form (6B)—to be completed in addition to Form 6A when project involves the use of fresh or frozen tissue, primary cell cultures, blood, blood products and body fluids.
 - Qualified Scientist Form (2) (when applicable)
 - Risk Assessment Form (3) required for projects involving protists, archae and similar microorganisms, for projects using manure for composting, fuel production or other non-culturing experiments, for projects using color change coliform water test kits and for projects involving decomposing vertebrate organisms
 - Hazardous Chemicals, Activities and Devices** (No prior approval required, see full text of the rules.)
 - Risk Assessment Form (3)
 - Qualified Scientist Form (2) (required for projects involving DEA-controlled substances or when applicable)

Adult Sponsor's Printed Name Signature Date of Review

Phone Email

Student Checklist (1A)

This form is required for ALL projects.

1) a. Student/Team Leader: _____ Grade: _____

Email: _____ Phone: _____

b. Team Member: _____ c. Team Member: _____

2) Title of Project: _____

3) School: _____ School Phone: _____

School Address: _____

4) Adult Sponsor: _____ Phone/Email: _____

5) Is this a continuation from a previous year? Yes No

If Yes:

a) Attach the previous year's **Abstract and** **Research Plan**

b) Explain how this project is new and different from previous years on **Continuation Form (7)**

6) **This year's** laboratory experiment/data collection: (must be stated (mm/dd/yy))

Start Date: _____ (mm/dd/yy) End Date: _____ (mm/dd/yy)

7) Where will you conduct your experimentation? (check all that apply)

Research Institution School Field Home Other: _____

8) List name and address of all non-school work site(s):

Name: _____

Address: _____

Phone: _____

9) **Complete a Research Plan following the Research Plan instructions and attach to this form.**

10) **An abstract is required for all projects after experimentation.**

Approval Form (1B)

A completed form is required for each student, including all team members.

1) To Be Completed by Student and Parent

a) Student Acknowledgment:

- I understand the risks and possible dangers to me of the proposed research plan.
- I have read the Intel ISEF Rules and Guidelines and will adhere to all International Rules when conducting this research.
- I have read and will abide by the following Ethics statement

Scientific fraud and misconduct are not condoned at any level of research or competition. Such practices include plagiarism, forgery, use or presentation of other researcher's work as one's own, and fabrication of data. Fraudulent projects will fail to qualify for competition in affiliated fairs and the Intel ISEF.

Student's Printed Name	Signature	Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
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b) Parent/Guardian Approval: I have read and understand the risks and possible dangers involved in the **Research Plan**. I consent to my child participating in this research.

Parent/Guardian's Printed Name	Signature	Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
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2) To be completed by the local or affiliated Fair SRC

(Required for projects requiring prior SRC/IRB APPROVAL. Sign 2a or 2b as appropriate.)

a) Required for projects that need prior SRC/IRB approval BEFORE experimentation
(humans, vertebrates or potentially hazardous biological agents)

The SRC/IRB has carefully studied this project's **Research Plan** and all the required forms are included. My signature indicates approval of the **Research Plan** before the student begins experimentation.

SRC/IRB Chair's Printed Name

Signature

Date of Approval (mm/dd/yy)
(Must be prior to experimentation.)

OR

b) Required for research conducted at all Regulated Research Institutions with no prior fair SRC/IRB approval.

This project was conducted at a regulated research institution (**not home or high school, etc.**), was reviewed and approved by the proper institutional board before experimentation and complies with the Intel ISEF Rules. **Attach (1C) and required institutional approvals (e.g. IACUC, IRB)**

SRC Chair's Printed Name

Signature

Date of Approval (mm/dd/yy)

3) Final Intel ISEF Affiliated Fair SRC Approval (Required for ALL Projects)

SRC Approval After Experimentation and Before Competition at Regional/State/National Fair

I certify that this project adheres to the approved **Research Plan** and complies with all Intel ISEF Rules.

Regional SRC Chair's Printed Name

Signature

Date of Approval

State/National SRC Chair's Printed Name
(where applicable)

Signature

Date of Approval