

NEIRSEF Regional Junior Division Approval Form

PART 1: Student Project Information

Student Last Name _____ Student First Name _____ Grade _____

School Name _____ Teacher _____

School Address _____ City _____ Zip _____

Is this a team project NO YES If yes, each team member completes an approval form with one research plan to be used by all team members.

Project title _____

PART 2: Does your project research plan need to be reviewed by Scientific Review Committee (SRC) before you can start?

SEFI prohibits projects using hazardous chemicals, activities or devices such as prescription drugs, alcohol, tobacco, firearms, explosives, lasers, etc. in Jr. Division.

Check the boxes that apply.

a) My project involves:

Humans participating as the subject of the experiment

If your participants are under age 18, you must share your research plan with their parent and get written permission from their parent to use their child in your research.

Vertebrate animals as part of the experiment

Experimenting with bacteria including tissue, body fluids, or yeast

b) **If you checked any of the above boxes, complete Part 3.** Your project **DOES** require a person from the Regional Fair Scientific Review Committee (SRC) to review this Approval Form and your Research Plan **BEFORE** you do the experiment in order to make recommendations about how to do the project safely. Complete this form, have it signed, and check with your teacher to submit it by Jan. 28, 2011 deadline.

c) Check here if your project **DOES NOT** use any of the above (no human subjects, no animals, and no bacteria) and go to **Part 4**.

PART 3: Give a brief answer to the questions below if you checked a box in Part 2A even if answers are in the Research Plan

1) Who will supervise the experiment to make sure it is safe? Name _____

a) Who are they? Parent Teacher Other-explain _____

2) Where will you do the experiment? (For bacterial studies, items collected at home must then be taken to a lab and supervised by a trained adult)

b) Home School Both Home & School Other Explain _____

3) List any possible dangers (risks) to the humans, animals, or you during experimentation? (Ex: over-exercising, allergic reactions, loss of privacy, pain, fear, stress)

4) What will you do to make sure that everyone (humans, animals, and/or you) is physically safe and comfortable with participating in the experiment?

5) BACTERIAL PROJECTS ONLY – Explain ALL of the following (a) What are you studying? (b) Where will the bacteria come from? (c) How will you keep the bacteria contained in a safe place? (d) How will you safely dispose of the bacteria after the experiment?

PART 4: Signatures - By signing below:

1. We have reviewed the research plan.
2. We have discussed the risks and will follow necessary safety precautions including those required for human, animal, and bacterial studies. For more information on the ISEF Rules and Guidelines go to www.societyforscience.org/isef
3. We understand if this project is marked as not using humans, animals, or bacteria but does involve them, it may be ineligible for the regional & state fair.
4. We will follow the Regional Fair display rules if chosen to advance. View rules at www.ipfw.edu/scifair/DisplayRules.htm

Teacher Approval Signature _____ Date _____

Parent/Guardian Signature _____ Date _____

I have read and agree to Part 4 listed above and give permission for my child to do this experiment.

Student Signature _____ Date _____

Research Plan Guide

A research plan is required. This optional form may be used to guide the student through the process of writing their research plan. If the student uses a different format, these elements still should be included in the research description.

1. State your purpose or question:
2. State your hypothesis (an educated guess):
3. Describe the procedures you will follow in your experiment to test your hypothesis:
4. Describe how you will collect and analyze your data:
5. How will you show your results?

List 3 references used in research