

A SURVEY MUST BE ATTACHED TO THIS FORM

INLAND SCIENCE AND ENGINEERING FAIR

**CERTIFICATION OF COMPLIANCE OF
RESEARCH INVOLVING HUMAN SUBJECTS**

Projects involving human subjects may have additional requirements that are being considered by the state. A handout on the latest information from the state will be handed out to district science fair coordinators at our meeting on September 30, 2003.

Name of Student _____
Project Title _____

Because federal regulations have become increasingly more rigid, students must plan carefully before undertaking research which involves the use of human subjects in either behavioral or biomedical studies. This will protect subjects from unnecessary exposure to physical or psychological risks and experimenters and schools from legal complications.

A **human subject** is legally defined as a person about whom an investigator (professional or student) conducting scientific research obtains (1) data through intervention or interaction with the person or (2) identifiable private information.

A **subject at risk** is legally defined as: Any individual who may be exposed to the possibility of injury, including physical, psychological or social injury, as a consequence of participation as a subject in any research.

Students using human subjects must comply with all regulations that reflect the will of society and plan proper methodology for the protection of those subjects. It is essential that they be alert to humane concerns at all times.

The following steps must be taken **before** any student begins research involving subjects:

1. The student completes the "Research Plan" section of this form and submits it to the sponsoring teacher.
2. The sponsoring teacher reviews the "Research Plan" and determines if **ANY POTENTIAL** physical psychological or social risk is involved (as defined in **subject at risk** above).
 - a) If none is apparent, the teacher signs the certification. (No additional certification is necessary.)
 - b) If any question exists, the student must redesign the experimental study or plan a different study.

NOTE: Any project involving human subjects that is developed with the advice and assistance of personnel at a medical/scientific organization must comply with any regulations of that organization requiring approval of its Institutional Review Board and Informed Consent Certification.

**Inland Science & Engineering Fair Certification
of Compliance of Research Involving Human Subjects (continued)**

RESEARCH PLAN

Describe proposed experimental procedures:

Explain why human subjects are proposed for this experimentation:

Describe and assess any potential risk (physical, psychological, social, legal or other):

Describe the potential benefits to the individual or society:

Signature of Student _____ Date _____

CERTIFICATION

CERTIFICATION BY TEACHER/ADVISOR of compliance with federal regulations for the protection of human subjects in behavioral and biomedical research. (**Must** be completed **before** the start of experimentation.)

I certify that, upon reviewing this research plan, I found that the experimental procedures constitute no physical, social, or psychological risk to either experimenter or subjects.

I agree to supervise this experimentation and will ensure that it is conducted in a humane, risk-free manner.

Signature _____ Name (type or print) _____

Title _____

Institution _____ Phone _____

Institution Address _____

Home Address _____

Home Phone _____ Date _____

Source of My Expertise/Authority _____

Note:

This form, properly completed, must be part of the carefully planned procedures of any experiment involving human subjects. It must accompany any such project exhibited at, or presented for, any public display with the Inland Science and Engineering Fair.