

SIM Science & Engineering Fair
SCIENCE & ENGINEERING FAIR CERTIFICATION OF COMPLIANCE
OF RESEARCH INVOLVING HUMAN SUBJECTS

A SURVEY MUST BE ATTACHED TO THIS FORM

Projects Involving human subjects may have additional requirements
that are being considered by the state.

Name of Student:	
Project Title:	

Because federal regulations have become increasingly 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.

SIM Science & Engineering Fair
CERTIFICATION OF COMPLIANCE OF RESEARCH INVOLVING HUMAN SUBJECTS (CONTINUED)

RESEARCH PLAN

Describe the 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): _____ Date: _____

Institution: _____ Title: _____

Institution Address: _____ Phone: _____

Home Address: _____ Home Phone: _____

Source of Authority/Expertise: _____

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 SIM Science & Engineering Fair.