

Office of Larry E. Reider
Kern County Superintendent of Schools
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Advocates for Children

KERN COUNTY SCIENCE FAIR “RESTRICTED PROJECTS”

The following regulations apply to all projects involving human subjects, tissue sample sources (including DNA source materials), and humane treatment of live vertebrate animals. They apply to all student research projects. Project advisors must acknowledge on the certification forms that the student has complied with all research regulations.

FOR ALL PROJECTS INVOLVING HUMANS AS THE SUBJECTS OF RESEARCH:

HIPAA, the Health Insurance Portability and Accountability Act, as well as the Code of Federal Regulations 45 CFR 46 846.102 now have very strict regulations on research on human subjects and privacy rights. The regulations of the Kern County Regional Science Fair are intended to protect human subjects, both physically and psychologically. At this time, the best aid to students in obtaining approval **prior** to beginning their research can be found on the website for the International Science and Engineering Fair (ISEF). Students will find a rules wizard to help them navigate the forms that must be submitted. **ISEF forms may be used in place of forms from the Kern County Regional Science Fair Official Rules and Entry Forms as long as they are submitted on or before February 8, 2008.** The website is: <http://www.sciserv.org/isef> and students doing research on restricted projects should click on the Rules Wizard link. Alternatively, they may type in <http://www.sciserv.org/isef/students/wizard/index.asp>. Similar forms will be found in the rules book due out October, 2007.

FOR ALL PROJECTS INVOLVING TISSUE SAMPLES:

Live tissue samples must be taken either from a continuously maintained tissue culture already available to institutional researchers, or from animals already being used in an on-going institutional research project. Students may not be involved in the direct acquisition of these samples from living human or vertebrate animals.

FOR ALL PROJECTS USING ANY LIVE VERTEBRATE ANIMAL, EXCLUDING HUMANS:

The State of California Education Code 851540:

In the public elementary and high schools or in public elementary and high school school-sponsored activities and classes held elsewhere than on school premises, live vertebrate animals shall not, as part of a scientific experiment or any purpose whatever:

- (a) Be experimentally medicated or drugged in a manner to cause painful reactions or induce painful or lethal pathological conditions.
- (b) Be injured through any other treatments, including, but not limited to, anesthetization or electric shock.

Live animals on the premises of a public elementary or high school shall be housed and cared for in a humane and safe manner. The provisions of this section are not intended to prohibit or constrain vocational instruction in the normal practices of animal husbandry.