

## ❖ Changes & Modifications for 2008-May 2009 ❖

### Human Subjects

- Ingestion, tasting, smelling, application of a substance or exposure to any potentially hazardous materials is an example of an activity containing more than minimal risk for studies involving human subjects. See page 14.

### Vertebrate Animals

- Certain studies involving behavioral observations of animals are exempt from prior SRC review. See page 17, #11.
- Research conducted at a regulated research institution involving nutritional deficiency, ingestion, inoculation or exposure to unknown or potentially hazardous materials or drugs is permitted to proceed only to the point where the first sign of the deficiency or effect appear. See page 19, #4.

### Potentially Hazardous Biological Agents

- Frozen tissue is to be treated the same as fresh tissue.
- Form 3 is no longer required for studies involving certain microorganisms. See page 21, #12.

### Hazardous Chemicals, Activities or Devices

- Clarification of rules regarding firearms and explosives. See page 26, #1.

### Form and Other Changes

- The name of Form 6A has been expanded to include the term “Risk Assessment.”
- “Science educator” replaces “science teacher” for membership on IRB’s and SRC’s.

In addition to providing the rules of competition, these rules and guidelines for conducting research were developed to facilitate the following:

- protect the rights and welfare of the student researcher and human subjects
- protect the health and well-being of vertebrate animal subjects
- follow federal regulations governing research
- offer guidance to affiliated fairs
- use safe laboratory practices
- address environmental concerns

## ❖ The Rules on the Web ❖

[www.societyforscience.org/isef/primer/rules.asp](http://www.societyforscience.org/isef/primer/rules.asp)

The International Rules and Guidelines for Science Fairs is available on the Society for Science & the Public website in a number of formats to better aid all of those involved in the process: students, parents, teachers, mentors, fair directors and local, regional and state scientific review committees (SRC) and institutional review boards (IRB).

- [International Rules and Guidelines](#) - The full text of the International Rules and the forms both in html and in a downloadable format.
- The [Intel ISEF Rules Wizard](#) - This “wizard” asks a series of questions about your planned project and will provide a list of forms that you need to complete.
- [Common SRC Problems](#) - This list was generated from the SRC reviews leading up to the Intel ISEF. Read these to get pointers on what NOT to do.