



# UAH

The University of Alabama in Huntsville

ALABAMA SCIENCE AND ENGINEERING FAIR

APRIL -3, 2010

## RULES FOR THE ALABAMA FAIR

The 2010 Alabama Science and Engineering Fair (ASEF) will follow the rules of the Intel International Science and Engineering Fair as published in “International Rules for Precollege Science Research: Guidelines for Science & Engineering Fairs, 2009/2010” by Society for Science & the Public. All forms and rules of the fair are given on the Science Services web page ([www.societyforscience.org/](http://www.societyforscience.org/)).

In general, only participants who have competed in an Alabama Regional Science and Engineering Fair and have been selected by that Fair to attend the Alabama Science and Engineering Fair will be allowed to register.

Quick Reference: (Forms referenced below are published by Science Services Inc., in their Guidelines for Science Fairs and should have been provided by your local or Regional Fair.)

- 1) It is very important that all applications be accompanied by correctly filled in forms. In particular, the following should receive careful attention. The following forms must have been completed and approvals obtained before participants began their experimentation.
  - a) Checklist for Adult Sponsor/Student Safety Assessment Form  
This form should be completed and signed by an adult sponsor. The date of review must be prior to the experimentation. This date should be before any Human Subjects Form (4A) or Informed Consent Form (4B) are dated.
  - b) Form (1A) Research Plan
  - c) Form (1B) Approval Form
- 2) All students must complete the Official Abstract Form. It should be no more than 250 words and include the (a) purpose of the experiment, (b) procedures used, (c) data, and (d) conclusions. It should not include acknowledgments or work or procedures done by the mentor.
- 3) If the research is performed in an Institutional/Industrial Setting, you must have available and on display, the Form (1C) completed by the scientist supervising your research.
- 4) If your project involves animals, controlled substances and pathogens or recombinant DNA (DNA) and humans, you must have had a form (2) Qualified Scientist Form completed and signed prior to the start of your experimentation.

- 5) If the Qualified Scientist is unable to supervise the experiments or for projects using hazardous materials or devices, you must have completed Form (3), Designated Supervisor Form completed prior to beginning your project.
- 6) Form (4A) must have been completed prior to experimentation if the research involves humans.
- 7) Form (4B), Informed Consent Form, is recommended for all projects involving human subjects and **required** for all such projects involving risk.
- 8) Form (5), Non Human Vertebrate Animal Form, must have been completed prior to experimentation.
- 9) All projects using fresh tissue, organs, human or animal parts, including blood, blood products, teeth, cell cultures, and body fluids require Form (6), Human and Animal Tissue Form.

Copies of **all** forms relevant to your project must be submitted together with your application to attend the 2010 ASEF. Keep the originals but bring them to the ASEF. Failure to comply with the above ISEF requirements will result in disqualification from the ASEF.

For your information copies of selected pages of the International Rules for Precollege Science Research: Guidelines for Science and Engineering Fairs are attached. These highlight Rule Changes and Important Notes of the 2010 Intel ISEF Display and Safety Regulations.

Each student should display a project data book and a research paper.

Any changes of the research plan by a student after initial IRB/SRC approval must have subsequent IRB/SRC approval before experimentation begins or resumes.

Projects which are a continuation of a previous year's work and which require IRB/SRC approval must be reapproved prior to experimentation for the current year.

Each student may enter only one project.

The ASEF will judge middle and high school team projects together. Team projects at Regional Fairs cannot be converted to individual projects for the ASEF.