PRE-REGISTRATION APPROVAL FORM

This form is only for students NOT affiliated with a participating school or home school association science fair (i.e., students that have not competed in a science fair prior to the LSF).

This form must be completed and submitted to the LSF director no later than Monday, February 15, 2016. Upon review, the student will receive approval for participation by Friday, February 26, 2016 (or earlier if request is submitted earlier), and the student may then register for the LSF by Tuesday, March 8, 2016.

Illegible and/or incomplete forms will be returned. Please print or type.

Student Name(s) ___________________________________________ Grade __________

Reason for not participating in a qualifying science fair ___________________________________________

Phone Number ___________________________ (LSF Director will call to inform student of registration approval)

Is this a continuation of a previous project? ______ Yes ______ No

Supervising Adult/Mentor Name* ____________________________

Adult Supervisor/Mentor’s Title and Institution ____________________________

Adult Supervisor/Mentor’s Email/Phone ____________________________

*For projects involving the following subjects, a medical doctor or person with a masters or doctorate in a scientific field must supervise the research:

• Vertebrate animals (such as fish, birds, hamsters, etc.- not insects or worms)
• Human Subjects (in research other than a survey)
• Controlled Substances (including tobacco, alcohol, over the counter drugs like aspirin, cough syrup, etc)
• Hazardous Chemicals
• Pathogenic Agents (including any bacteria or virus, as they all have the potential for pathogenicity)
• Human/Animal Tissue (such as teeth, blood, skin, etc.)

Provide a typed research plan that includes the following:

A. Question or problem being addressed
B. Goals/expected outcomes/hypotheses
C. Description of method or procedures for data collection and analysis
D. List any risks or safety concerns

Answer the following questions as applicable:

1. For projects with vertebrate animals,
   • Discuss potential alternatives to vertebrate animal use.
   • Present a detailed justification for use of vertebrate animals.
   • Discuss methods used to minimize potential discomfort, distress, pain, and injury to the animals during experimentation.
• Describe housing, oversight of daily care, and disposition of the animals at the end of study.

2. For projects with human subjects,
   • Describe who will participate in your study and how you will recruit subjects.
   • Describe what participants will be asked to do and the frequency and length of time involved for each subject.
   • Detail potential risks or discomforts (physical, psychological, social, legal, etc.) to subjects and your plan to minimize risks.
   • Describe how you will keep identifiable information confidential.
   • Attach a copy of your survey (if applicable) and informed consent form (a copy of the ISEF Human Informed Consent Form may be found at http://www.societyforscience.org/document.doc?id=33).

3. For projects with controlled substances, hazardous chemicals, pathogenic agents, and human/animal tissue,
   • Identify the controlled substances, hazardous chemicals, pathogenic agents, and human/animal tissue that will be used.
   • Identify source of materials.
   • Detail the chemical concentrations and drug doses.
   • Identify and assess the risks involved.
   • Describe the safety precautions and procedures that will be used to minimize risks.
   • Describe the disposal procedures that will be used.
   • List the source(s) of safety information.

Please submit this form and research plan to Cynthia Hall by **February 15, 2016** for consideration. Forms may be faxed to 843.953.7850, emailed to hallcr@cofc.edu, mailed or hand-delivered to:

66 George Street, Bell 201
Charleston, SC 29424