



64th Georgia Science and Engineering Fair

March 29 - 31, 2012



GSEF/ISEF Display and Safety Regulations: Page 1

Maximum Size of Project at GSEF and ISEF

30 inches (76 centimeters) **deep front to back**

48 inches (122 centimeters) **side to side**

108 inches (274 centimeters) **floor to top, including table.** GSEF tables are 36 inches (91 centimeters). This leaves 72 inches height for your project.

Any project with a component that will be demonstrated by the Finalist must be demonstrated only within the confines of the Finalist's booth. When not being demonstrated, the component plus the project must not exceed allowed dimensions.

Items Required to be vertically displayed at GSEF

- Original official Abstract
- Photograph/image credits

Items Required to be in Notebook at GSEF

Forms including, but not limited to, Checklist for Adult Sponsor (1), Student Checklist (1A), Research Plan and Approval Form (1B) which are required for the project or for Scientific Review Committee approval.

Human Participants Form (4) (or equivalent form provided by a regulated research institution) for human subjects of the research, surveys, photographs, etc. (if applicable) are confidential information, must not be displayed, but must be available in the booth in case requested by a judge or other Intel ISEF official. Human Participants Form (4) or an equivalent photograph release signed by the human subject is required for visual images of humans (other than the Finalist) displayed as part of the project.

Handouts/Official Abstract and Certification at GSEF and ISEF

The only abstract allowed anywhere at a project is the official abstract. The term "abstract" may not be used as a title or reference for any information on a Finalist's display or in a Finalist's materials at the project except as part of displaying the official abstract.

An original official abstract must appear on the display board or in a vertical position at the project. Handouts to judges and to the public must be limited to UNALTERED photocopies of the official abstract.





64th Georgia Science and Engineering Fair

March 29 - 31, 2012



GSEF/ISEF Display and Safety Regulations: Page 2

Allowed with the Restrictions Indicated at Project or in Booth

1. Photographs and/or visual depictions if:
 - a. They are not deemed offensive or inappropriate by the Scientific Review Committee, the Display and Safety Committee, or Science Service. This includes, but is not limited to, visually offensive photographs or visual depictions of invertebrate or vertebrate animals, including humans. The decision by any one of the groups mentioned above is final.
 - b. They have credit lines of origin ("Photograph taken by..." or "Image taken from..."). (If all photographs being displayed were taken by the Finalist or are from the same source, one credit line prominently and vertically displayed is sufficient.)
 - c. They are from the Internet, magazines, newspapers, journals, etc., and credit lines are attached. (If all photographs/images are from the same source, one credit prominently and vertically displayed is sufficient.)
 - d. They are photographs or visual depictions of the Finalist.
 - e. They are photographs of human subjects for which signed consent forms are at the project or in the booth. (Human Participants Form 4 or equivalent photograph release signed by the human subject must be included in the paperwork and must be properly checked on the Intel ISEF Official Abstract and Certification.
2. Any apparatus with unshielded belts, pulleys, chains, or moving parts with tension or pinch points if for display only and not operated.
3. Any demonstration for judges or the public must be performed within the maximum size of the project permitted, an area 30"(Depth) by 48"(Width) by 108"(Height).
4. Class II lasers if:
 - a. The output energy is <1 mW and is operated only by the Finalist
 - b. Operated only during the Display and Safety inspection and during judging
 - c. Labeled with a sign reading "Laser Radiation: Do Not Look into Beam"
 - d. Enclosed in protective housing that prevents physical and visual access to beam
 - e. Disconnected when not operating

Note: Class II lasers are found in laser pointers and in aiming and range-finding devices. They pose a risk if the beam is directly viewed over a long period of time.
5. Class III and IV lasers if for display only and not operated (See the description of Class III and Class IV lasers in the Radiation section of the Hazardous Chemicals, Activities, or Devices chapter of the International Rules for Pre-college Research.)
6. Any apparatus producing temperatures that will cause physical burns if adequately insulated.
7. The only forms that may be displayed by attaching them to the front of the provided table are the forms listed in the section of these rules entitled "Item Required to be Vertically Displayed at GSEF."
 - a. Official Abstract (everyone)
 - b. Form 1c if your project required it
 - c. Continuation Form 7 if your project required it
 - d. Photograph/image credits





64th Georgia Science and Engineering Fair

March 29 - 31, 2012



GSEF/ISEF Display and Safety Regulations: Page 3

Not Allowed at Project or in Booth

1. Living organisms, including plants
2. Soil, sand, rock, and/or waste samples even if permanently encased in a slab of acrylic
3. Taxidermy specimens or parts
4. Preserved vertebrate or invertebrate animals
5. Human or animal food
6. Human/animal parts or body fluids (for example, blood, urine)
7. Plant materials (living, dead, or preserved) that are in their raw, unprocessed, or non-manufactured state (Exception: manufactured construction materials used in building the project or display)
8. All chemicals including water (Projects may not use water in any form in a demonstration)
9. All hazardous substances or devices [for example, poisons, drugs, firearms, weapons, ammunition, reloading devices, and lasers (as indicated in item 5 in the section of these rules entitled "Allowed at Project or in Booth BUT with the Restrictions Indicated")]
10. Dry ice or other sublimating solids
11. Sharp items (for example, syringes, needles, pipettes, knives)
12. Flames or highly flammable materials
13. Batteries with open-top cells
14. Awards, medals, business cards, flags, logos, endorsements, and/or acknowledgments (graphic or written) unless the item(s) are an integral part of the project (Exception: Intel ISEF medal(s) may be worn at all times.)
15. Photographs or other visual presentations depicting vertebrate animals in surgical techniques, dissections, necropsies, or other lab procedures
16. Active Internet or e-mail connections as part of displaying or operating the project
17. Prior years' written material or visual depictions on the vertical display board. [Exception: the project title displayed in the Finalist's booth may mention years or which year the project is (for example, "Year Two of an Ongoing Study"). Continuation projects must have the Continuation Project Form (7) vertically displayed
18. Glass or glass objects unless deemed by the Display and Safety Committee to be an integral and necessary part of the project (Exception: glass that is an integral part of a commercial product such as a computer screen)
19. Any apparatus deemed unsafe by the Scientific Review Committee, the Display and Safety Committee, or Science Service (for example, large vacuum tubes or dangerous ray-generating devices, empty tanks that previously contained combustible liquids or gases, pressurized tanks, etc.)





64th Georgia Science and Engineering Fair

March 29 - 31, 2012



GSEF/ISEF Display and Safety Regulations: Page 4

Electrical Regulations at GSEF and ISEF

1. Finalists requiring 120 or 220 Volt A.C. electrical circuits must provide a UL-listed 3-wire extension cord which is appropriate for the load and equipment. Electrical must be justified at GSEF. The cost is \$100 per project. The GSEF office will determine whether or not electricity is justified.
2. Electrical power supplied to projects, and therefore, the maximum allowed for projects, is 120 or 220 Volt, A.C., single phase, 60 cycle. Maximum circuit amperage/wattage available is determined by the electrical circuit capacities of the exhibit hall and may be adjusted on-site by the Display and Safety Committee. For all electrical regulations, "120 Volt A.C." or "220 Volt A.C." is intended to encompass the corresponding range of voltage as supplied by the facility in which the Intel ISEF is being held.
3. All electrical work must conform to the National Electrical Code or exhibit hall regulations. The guidelines presented here are general ones, and other rules may apply to specific configurations. The on-site electrician may review electrical work on any project.
4. All electrical connectors, wiring, switches, extension cords, fuses, etc. must be UL-listed and must be appropriate for the load and equipment. Connections must be soldered or made with UL-listed connectors. Wiring, switches, and metal parts must have adequate insulation and over-current safety devices (such as fuses) and must be inaccessible to anyone other than the Finalist. Exposed electrical equipment or metal that possibly may be energized must be shielded with a non-conducting material or with a grounded metal box to prevent accidental contact.
5. Wiring not part of a commercially available UL-listed appliance or piece of equipment must have a clearly visible fuse or circuit breaker on the supply side of the power source and prior to any project equipment.
6. There must be an accessible, clearly visible on/off switch or other means of disconnect from the 120 or 220 Volt power source.
7. Any lighting that generates considerable and excessive amounts of heat (high-intensity lamps, certain halogen lights, etc.) must be turned off when the Finalist is not present.

Other Intel ISEF Information and Requirements

1. Finalists must be present at their projects for the ISEF Display and Safety inspection (not at GSEF). The inspection is a process that takes place between the Finalist and inspector; therefore, no other persons should be present representing the Finalist except for an interpreter if necessary.
2. No changes, modifications, or additions to projects may be made after approval by the Display and Safety Committee and the Scientific Review Committee.
3. Science Service, the Scientific Review Committee, and/or the Display and Safety Committee reserve the right to remove any project for safety reasons or to protect the integrity of the Intel ISEF and its rules and regulations.
4. A project data book and research paper are strongly recommended but not required at both GSEF and ISEF.
5. The only acceptable informed consent form for use at the Intel ISEF is the official Human Participants Form (4) in the International Rules for Precollege Science Research or an equivalent form provided by a regulated research institution (see Form 1C) or, in the case of display of photographs only, an equivalent photograph release signed by the human participant
6. Finalists using audio-visual or multi-media presentations (for example, 35mm slides; videotapes; images, graphics, animations, etc., displayed on computer monitors; or other non-print presentation methods) must be prepared to show the entire presentation to the Display and Safety inspectors before the project is approved.
7. If a project fails to qualify and is not removed by the Finalist, Science Service will remove the project in the safest manner possible but is not responsible for damage to the project.
8. Any disks, CDs, printed materials, etc. (including unofficial abstracts) designed to be distributed to judges or the public will be confiscated by the Display and Safety Committee and will be discarded immediately.
9. Project sounds, lights, odors, or any other display items must not be distracting.
10. No food or drinks, except small containers of bottled water for personal consumption, are allowed in the Exhibit Hall.

