

2010 Mississippi Science and Engineering Fairs Secondary Rules and Regulations for Grades 7-12

REGISTRATION DEADLINE FOR ALL REGIONS: FEBRUARY 19, 2010

Mississippi Science and Engineering Regional and State Fairs will be conducted in accordance with the ISEF 2010 Rules and Guidelines Booklet. *The Key Teacher at each school must obtain a copy of the ISEF Rules and Guidelines Booklet and assume responsibility, together with student exhibitors, for complete compliance with these rules.* Each school may only participate in the regional fair held for the county in which the school is located.

Secondary School Registration

- Class III - Grades 7 and 8, Class IV - Grades 9 and 10, Class V - Grades 11 and 12, Class VI - Team Projects (*Grades 9-12 Only*)
- Students in grades 7-12 must submit at least the following forms: **Abstract Form, ISEF Form 1, ISEF Form 1A, and ISEF Form 1B.** Students who checked any of the boxes in #8 of the Form 1A must review the flowcharts of the ISEF Rules and Guidelines booklet for additional required forms. These forms must be completed and submitted with the student's registration. These projects require SRC/IRB approval **before experimentation begins.**
- **Schools MUST submit registration forms by February 19, 2010.**
- The MSEF registration form **MUST** have the signatures of the exhibitor, exhibitor's parent and sponsoring teacher. Incomplete or unsigned forms will be rejected. **Rejected registrations cannot be resubmitted. Projects rejected for incompleteness or violations will not receive a refund of registration fees.**
- **MSEF registration fees (\$10 per student) MUST be included with registration forms. Each school must submit only ONE CHECK for all registration fees.**
- The 1st, 2nd, and 3rd place exhibitors (grades 7-12) of each Region are automatically pre-registered for the State Fair. Each Regional Fair and State Fair will select individual winners from grades 9-12 to participate at the International Science and Engineering Fair. These winners will receive travel, hotel accommodations, and a reasonable stipend for participating in the 2010 ISEF. Any others who may be eligible to attend ISEF as Official Party must be certified and authorized to participate by the MSEF Directors and are responsible for their own expenses.

Secondary Project Requirements

- Maximum display dimensions are as follows: 76 cm (30 in) deep; 122 cm (48 in) wide; 274 cm (108 in) high including table. Table height should not exceed 91 cm (36 in). **Students are responsible for providing a table if needed.**
- **Electricity is available for Class III, IV, and V projects. However, the box B8 must be checked on the registration form in order for electricity to be provided. The exhibitor should bring an extension cord in case of an emergency.**
- **All MSEF Fairs will follow ISEF Rules for Display listed in the ISEF Regulations and Guidelines Booklet.** In addition to those rules, MSEF Rules *prohibit* the display of the following items:
 - **Laboratory chemicals including water.**
 - **Any object made of glass.**
- An Institutional Review Board (IRB) **MUST** review and approve all projects dealing with human subjects before experimentation begins. IRB signatures are required on Form 4A, in addition to the SRC signature on Form 1B. When students conduct questionnaires, the students, their parents, and the school are responsible for protecting the rights and welfare of the participating human subjects. The school **MUST** monitor administration of all questionnaires; seeing that all legal requirements are met and that informed consent forms are used for any subjects less than 18 years of age. All informed consent forms (Form 4B) **MUST** be available with the project during judging. One Form 4B **MUST** be attached to the registration with all other required forms.
- *Specific federal laws that attention should be paid to are as follows: 1) CFR, Title 45(Public Welfare), Part 47-Protection of Human Subjects (45cfr47); 2) CFR, Title 45(Public Welfare) Part 5-Privacy Act Regulations (45CFR5b); and 3) Public Health Service Act 42 USC, S 241 (d) (Protection of Privacy of Individuals who are Research Subjects). These documents are available from the Office of Protection from Research Risks, National Institutes of Health, Bldg 31 Room 5B63, 9000 Rockville Pike, Bethesda, MD 20892*

The ISEF Rules and Guidelines Booklet can be found at www.societyforscience.org/ISEF/.
MSEF Forms can be found at www.usm.edu/outreach/msef.html.

2010 MSEF Regions, Directors, and Secondary Fair Dates
All Schools MUST submit registrations to the appropriate Regional Director.

REGION I: Adams, Amite, Clarke, Covington, Forrest, Franklin, Green, Jasper, Jefferson, Jefferson Davis, Jones, Lamar, Lawrence, Lincoln, Marion, Pearl River, Perry, Pike, Simpson, Smith, Walthall, Wayne, Wilkinson

Sherry Herron, Co-Director Box 5087 Telephone: 601-266-5506
sherry.herron@usm.edu Southern Station Fax: 601-266-6145
John Parr, Co-Director Hattiesburg, MS 39406
john.parr@usm.edu
University of Southern Mississippi Fair Date: March 4, 2010

REGION II: Claiborne, Copiah, Hinds, Madison, Rankin, Warren

Joe Whitfield, Director P. O. Box 17131 Telephone: 601-979-1603
joe.l.whitfield@jsums.edu Jackson, MS 39217 Fax: 601-601-979-1633
Jackson State University Fair Date: March 23, 2010

REGION III: Bolivar, Holmes, Humphreys, Issaquena, Leflore, Sharkey, Sunflower, Washington, Yazoo

Shirley Lance, Director 901 Archer Telephone: 662-334-7085
sjlance@hotmail.com Greenville, MS 38703 Fax: 662-334-7090 or 662-334-7021
Melvin Brown, Co-Director
Greenville Public School District Fair Date: March 9, 2010

REGION IV: Alcorn, Chickasaw, Itawamba, Lee, Monroe, Prentiss, Pontotoc, Tippah, Tishomingo, Union

Phyllis Colson, Director 101 Cunningham Boulevard Telephone: 662-720-7296, 662-720-7249, 662-720-7277
Email: pgcolson@nemcc.edu Booneville, MS 38829 Fax: 662-720-7896 or 662-720-7464
Northeast Mississippi CC Fair Date: March 11, 2010

REGION V: Attala, Carroll, Choctaw, Clay, Kemper, Lauderdale, Leake, Lowndes, Montgomery, Neshoba, Newton, Noxubee, Oktibbeha, Scott, Webster, Winston

Eric Heiselt, Director Box 9544 Telephone: 662-325-8277
outreach@bagley.msstate.edu Mississippi State, MS 39762 Fax: 662-325-8573
Mississippi State University BCoE Fair Date:
State Fair: March 30, 2010

REGION VI: George, Hancock, Harrison, Jackson, Stone

David Sliman, Director 730 East Beach Blvd Telephone: 228-7214-3403
David.Sliman@usm.edu Long Beach, MS 39560
USM Gulf Coast Fair Date: March 23, 2010

REGION VII: Benton, Calhoun, Coahoma, DeSoto, Grenada, Lafayette, Marshall, Panola, Quitman, Tallahatchie, Tate, Tunica, Yalobusha

Barbara H. Thompson, Director Box 879, 14 EF Yerby Conf. Center Telephone: 662-915-7282
bthomps@olemiss.edu University, MS 38677 Fax: 662-915-5138
University of Mississippi Continuing Studies Fair Date: March 23, 2010

MSEF President

Larry Bellipanni Telephone: 601-915-7350

MSEF Secretary/Treasurer

Teresa Sappington 5198 Old Highway 11 Telephone 601.264.7232ext.6134
tbsappington@comcast.net Hattiesburg, Mississippi 39402

2010 Mississippi Science and Engineering Fairs

Secondary Registration Form for Projects in Grades 7-12

REGISTRATION DEADLINE FOR ALL REGIONS: FEBRUARY 19, 2010

Any project registration that does not contain the required ISEF forms, attachments, and/or certifications will be disqualified from all current MSEF/ISEF Fairs.

Instructions: Complete ALL sections of this form. PRINT or TYPE all information. Submit this registration form, other required forms, and **\$10.00 registration fee** to the Local Science Fair Key Teacher by the deadline set by that teacher. Each school must then submit all registration forms and ONE CHECK for all registration fees to the Regional Director. Checks should be made payable to MSEF.

Section A: Check ONLY ONE category. (TEAMS ONLY CHECK CATEGORY 1100)

- | | |
|--|--|
| <input type="checkbox"/> 0100 Behavioral & Social Sciences | <input type="checkbox"/> 0600 Engineering, Computers, & Math |
| <input type="checkbox"/> 0200 Biochemistry | <input type="checkbox"/> 0700 Medicine & Health |
| <input type="checkbox"/> 0300 Botany | <input type="checkbox"/> 0800 Microbiology |
| <input type="checkbox"/> 0400 Chemistry | <input type="checkbox"/> 0900 Physics |
| <input type="checkbox"/> 0500 Earth, Space, & Environmental Sciences | <input type="checkbox"/> 1000 Zoology |
| <input type="checkbox"/> 1100 Team Project (Students in grades 9-12 only). <i>Team members should check category 1100 and staple all team member forms together.</i> | |

Section B. Any exhibitor whose project registration does not include attachments that are required according to ISEF rules will be rejected. Check all that apply.

- B1 This project involves **vertebrate animals** (excluding humans).
- B2 This project involves contact with **human subjects**.
- B3 This project involves **tissue samples** of human or vertebrate animals.
- B4 This project involves **recombinant DNA, pathogenic agents, or hazardous substances/devices**.
- B5 This project involves actual chemical preparation of **ethyl alcohol**.
- B6 This project involves operation of a **laser**.
- B7 This project involves use of a **(regulated) controlled drug or chemical substance**.
- B8 This project MUST have **electricity**. It meets ISEF safety standards and uses _____ Amperes.
- B9 This project needs handicap access.

Section C. Please print or type ALL information in this section.

Project Title (limited to 80 spaces) _____

Is this a continuation of a previous year's project? Yes No If yes, how many years of work? _____

Student Name _____ Age _____ Grade _____ Student Home Phone _____

Student Home Address _____ City _____ State _____ Zip Code _____

School Name _____ County _____ Phone Number _____

School Address _____ City _____ State _____ Zip Code _____

Adult Sponsor/Teacher _____

Section D. Registration Certifications: (Registration will be VOIDED without proper signatures.)

Parent Certification: Signature required for ALL Exhibitors. This is to certify that as the parent or legal guardian of the above-indicated student, I give my permission for his/her participation in the Mississippi Science and Engineering Fair program. I further certify that I release any and every liability, claim, right of action of any kind or nature, which my child or legal representative may have for any and all bodily or personal injuries or property damages or any other damages resulting therefrom, whether caused by negligence or other acts or missions or releases or otherwise which might occur during participation in the MSEF programs, any host institution(s), any regional or state fair sponsor(s), or the representative(s) thereof, and the management or owner(s) of any physical facility in which any fair is conducted.

Parent or Legal Guardian's Signature _____

Key Teacher Certification: Signature required for ALL entries to Regional Fairs. Registration will be VOIDED without signature. I have reviewed the form(s) for both correctness and completeness. I further certify that (1) this project follows all proper procedures involving humans and/or vertebrates, (2) that school officials pre-approved the questionnaire(s) and that I and others in the school take full legal and ethical responsibility for both the questionnaire and its use in human research, and (3) that the research behind the project and display represent the work of this student. I therefore certify this registration to be a complete, authorized entry in the current year's Regional MSEF Fair.

Key Teacher's Signature _____ Date _____

MSEF Abstract Form for All Projects

*This form must be complete and attached to each registration for students in grades 7-12.
Failure to attach the abstract form will result in disqualification.*

Exhibitor's Name or Team Member #1 _____

Team Member #2 _____

Team Member #3 _____

Check Category of Exhibit:

0100 Behavioral & Social Sciences

0600 Engineering, Computers, & Math

0200 Biochemistry

0700 Medicine & Health

0300 Botany

0800 Microbiology

0400 Chemistry

0900 Physics

0500 Earth, Space, & Environmental Sciences

1000 Zoology

1100 Team Project (STUDENTS IN GRADES 9-12 ONLY).

Project Title _____

School Name _____

The abstract must be a **250-word (maximum), one-page** explanation of the project including the **purpose, procedure, date, and conclusions**. An abstract should **NOT** include acknowledgments, work done by a mentor, or have attachments such as a logbook.

2010 MSEF School Information & SRC/IRB Committees Form

This form MUST be completed and returned by November 30, 2009, to Your Regional Fair Director. *This form serves as an indication of your school's intent to participate in the 2010 Regional Fair.*

Section I. Current School Information

School Name: _____

Mailing Address: _____

School Telephone: _____ School FAX: _____

2010 Key Teacher _____ Email _____

Section II. Must be completed by ALL schools with grades 7-12. *List the members of your local SRC and IRB.* The SRC should have at least a biomedical scientist (Ph.D, M.D., D.V.M., or D.O.), a science teacher, and one other member. The IRB should have at least a science teacher, school administrator, & either a psychologist, psychiatrist, guidance counselor, medical doctor, or registered nurse. *Members can serve on both committees.* **However, teachers may NOT sign as the Chairperson.**

All signatures required on Form 1B must be dated PRIOR to the beginning date of experimentation listed on Form 1A. This is a MSEF/ISEF violation if not followed correctly.

Local SRC Chairperson: _____

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

Local IRB Chairperson: _____

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

Other Local Committee Members. Please Check Committee. Use Additional Sheets if Necessary.

Name: _____ SRC IRB

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and /or Qualifications: _____

Name: _____ SRC IRB

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

Name: _____ SRC IRB

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

Name: _____ SRC IRB

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

Name: _____ SRC IRB

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

Name: _____ SRC IRB

Employed by: _____ Employment Title: _____

Complete Mailing Address: _____

Degree(s) and/or Qualifications: _____

MSEF Region Approval Date: _____

By: _____