



WISEF

Western Iowa Science and Engineering Fair

Saturday, March 13, 2010

**Northwest Iowa
Community College**

Building A

Sheldon, Iowa

General Information

1. Any public or private school student attending school in a district located west of Interstate-35 or a home schooled student residing west of Interstate-35 who is currently in grades 6-12 is eligible to participate in the Western Iowa Science and Engineering Fair.
2. Students will be entered as individuals or as teams in one of the following classes **with the student making the determination** as to which class to enter. (Depending on the emphasis, some projects could be eligible to enter either division.) To aid you in your decision please refer to page 5 of the International Rules and Guidelines.
 - Middle School Physical (grades 6-8)
 - Middle School Biological (grades 6-8)
 - Middle School Team (grades 6-8)
 - High School Physical (grades 9-12)
 - High School Biological (grades 9-12)
 - High School Team (grades 9-12)
3. A maximum of three students can be in one team. If more than one grade is represented in a team the project must be entered in the class of the highest grade represented.
4. The Intel ISEF 2010 International Rules and Guidelines will serve as the official rules of the WISEF.
 - Available online: <http://www.societyfor science.org/isef/primer/rules.asp>
 - Downloadable at: www.societyfor science.org/isef/document/index.asp
5. Students are encouraged to review the Intel ISEF 2010 Student Handbook to acquaint themselves with the criteria for a successful science fair project.
6. All exhibitors must complete Scientific Review Forms (SRC Forms) 1, 1A, the required research plan 1B, and any other required forms pertinent to the project. All SRC forms must be submitted with the official WISEF entry form. Required forms can be downloaded from the site listed above.
7. In case the fair needs to be cancelled due to bad weather a decision will be made by 6:00 a.m. the day of the fair and radio stations listed on the entry form will be contacted. Please check your e-mail prior to leaving your home on the day of the fair for weather related announcements. You may also contact Walter Reemtsma at 515.341.1052.

8. Anyone having questions about WISEF should contact:

Kris Groff, fair director
Western Iowa Science and Engineering Fair
1700 East 4th Street
Sheldon, Iowa 51201
712.540.4017
kgroff@sheldon.k12.ia.us

9. Anyone having questions regarding SRC forms, IRB forms, or Display and Safety rules should contact:

Walter Reemtsma, Committee Chair
602 North Phillips
Algona, Iowa 50511
515.295.2739 or (cell) 515.341.1052

10. Anyone having questions about the seminar competition should contact:

Walter Reemtsma, Committee Chair
602 North Phillips
Algona, Iowa 50511
515.295.2739 or (cell) 515.341.1052

ENTRY PROCEDURES

1. Students may enter by going to the State Science and Technology Fair of Iowa website <http://www.sciencefairsofiowa.org/> and complete the online entry form for WISEF (please select the WISEF button on your regular SSTFI on-line entry). Alternatively, students may mail or personally deliver entry forms no later than **Friday, February 26, 2010**, to insure adequate time for the SRC (Scientific Review Committee) and IRB (Institutional Review Board) committees to review the required forms and approve the project for exhibition prior to the fair.
2. Forms 1, 1A, 1B, and any additional required forms must be attached to the official entry form or mailed separately if the student has entered electronically at the SSTFI website. Form can be found at: www.societyfor science.org/isef/document/index.asp
3. A completed abstract if available should be included with the required forms. If a completed abstract is not sent with the required forms note that **it must be on the display board the day of competition.**
4. All forms must be received **no later than Friday, February 26, 2010** via personal delivery or sent to:
Kris Groff
WISEF Fair Director
1700 East 4th Street
Sheldon, Iowa 51201
5. All entries will be reviewed by the SRC or the IRB Committee upon receipt. Efforts will be made to contact individuals via e-mail or phone to correct any items in the required forms prior to the fair on March 13. This is important that e-mail addresses and phone numbers be correct on the entry form.
6. Any project not approved by the SRC or the IRB will not be judged in competition.

WESTERN IOWA SCIENCE AND ENGINEERING FAIR
Saturday, March 13, 2010
ENTRY FORM

Name of Student	CLASS ENTERED (Mark one only)
Name of Parents	___ 6 th - 8 th Biological
Name of School	___ 6 th - 8 th Physical
School Address	___ 6 th - 8 th Team
City	
Zip Code	___ 9 th - 12 th Biological
Teacher/Sponsor	___ 9 th - 12 th Physical
Teacher email address	___ 9 th - 12 th Team
Student email address	
Student address	
City	
Zip Code	
County	

TITLE OF PROJECT: _____

Type of Display _____ Floor _____ Table

Do you need electrical service? _____ Yes _____ No

Area radio station you listen to for school closings:

Station _____ Address _____ Phone _____

Newspaper/Radio Stations you desire to have press releases regarding your participation in the Western Iowa Regional Science Fair sent to:

Radio: Name _____ Address _____

Newspaper: Name _____ Address _____

WISEF PERMISSION FORM (REQUIRED FOR ALL STUDENTS)

The undersigned hereby give permission for (name of student)
_____ to participate in the Western Iowa Science and Engineering
Fair, Saturday, March 13, 2010 on the Campus of Northwest Iowa Community College.

Printed Name of Parent/Guardian _____

Signature of Parent/Guardian _____

Date _____

The undersigned hereby give permission for (name of student)
_____ to be photographed and to allow said photographs to be used
for future publicity and press releases.

Printed Name of Parent/Guardian _____

Signature of Parent/Guardian _____

Date _____

**Entry forms and SRC forms due via SSTFI website, mail, or personal delivery no
later than Friday, February 26, 2010 to:**

**Kris Groff, WISEF Fair Director
1700 East 4th Street
Sheldon, Iowa 51201**

EXHIBIT SAFETY AND DISPLAY REGULATIONS

1. Exhibitors are reminded that the entire project exhibit, including **all** exhibit materials, must fit within the following size limitations.

Depth (front to back) 30 inches or 76 centimeters

Width (side to side) 48 inches or 122 centimeters

Height (floor to top) 108 inches or 274 centimeters

2. Exhibitors are encouraged to read pages 6 and 7 of the Intel ISEF 2010 International Rules and Guidelines (web site listed elsewhere in this booklet) in regard to Display and Safety Regulations. Please make note of the items that are not allowed at the project or within the display area.
3. All displayed photos must be credited to the photographer even if taken by the exhibitor. All other photos, images taken from newspapers or internet must be credited.
4. Projects exhibited at the WISEF fair will be inspected and if violations are found exhibitors will be given an opportunity to correct the violations prior to the start of competition. Projects that are unable to correct their safety and display violations will not be allowed to enter competition.

TENTATIVE SCHEDULE OF EVENTS

Set up	7:00 A.M. - 9:00 A.M.
Judging	9:30 A.M. - 12:00 P.M.
Lunch	12:00 P.M. - 1:00 P.M.
Awards	2:30 P.M. - 3:00 P.M.
Project Tear Down	3:00 P.M.

AWARDS

Senior High Division:

Best overall project(s) exhibitors and their sponsor will be invited to exhibit at the Intel International Science and Engineering Fair 2010 at San Jose, California, May 9-15, 2010.

The top 5 projects in the Biological, Physical and Team divisions will be awarded medals.

All participants will receive an official WISEF t-shirt.

Middle School Division:

The top 5 projects in the Biological, Physical and Team divisions will be awarded medals.

Each participant will receive an official WISEF t-shirt.

SPONSORS

WISEF is grateful to the following sponsors for their financial support of the 2010 fair.

Platinum

Sanford Medical, Sheldon, Iowa

Silver

Demco, Boyden, Iowa

Stuart Vet Building, Stuart, Iowa

NCC, Sheldon, Iowa

Bronze

Citizens State Bank, Sheldon, Iowa

Shaw-Belden Insurance, Stuart, Iowa

ORAL SEMINARS

All students are encouraged to enter the oral seminar competition held in conjunction with the Western Iowa Science and Engineering Fair.

There will be eight classes of competition:

Middle School Biological

Middle School Physical

Middle School Team

High School Biological

High School Physical

High School Team

To enter submit one copy of your complete project report by via mail or personal delivery no later than Friday, February 26, 2010 to:

Walter Reemtsma, Committee Chair

602 North Phillips

Algona, Iowa 50511

515.295.2739 or (cell) 515 341-1052

Prior to the fair a panel of judges will read each of the submitted reports and choose the best submissions in each category. Chosen participants will be notified via phone or email.

On the day of the competition, exhibitors will be excused from their projects and will be prepared to give an oral presentation using visuals (power point slides, posters, etc.). Students should bring their own computers and projectors. The presentation may last up to ten minutes followed by a 5 minute question and answer period at which time judges may ask questions of the exhibitor.

Best presentations in each class of competition will be awarded medals.