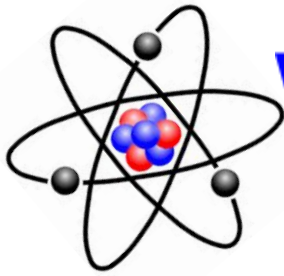


10th Annual



WISEF

Western Iowa Science and Engineering Fair

Saturday, March 9, 2019

Iowa Central Community College

Fort Dodge, Iowa

Please take careful note of the following very important reminders:

- All pictures used in the project and display must have a credit of photography naming the person who has taken the picture. If all of the pictures are taken by one person, whether it is the exhibitor or someone else, one credit statement for all of the pictures may be placed on the display board without the need to display the credit by each photograph.
- Be sure that all required signatures are complete on all of the entry forms and the scientific review committee (SRC) forms.
- Abstracts should be displayed vertically in front of your project but **NOT ON** the project along with continuation forms if you have a continuing project from a previous year.

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I. 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** which class to enter. (Depending on the emphasis some projects could be eligible to enter either division.) To aid your decision please refer to <https://student.societyforscience.org/intel-isef> of the 2019 Intel International Science and Engineering Rules and Guidelines document.

Project Categories:

#	Category	Grades
1	Middle School Physical Science	6 – 8
2	Middle School Biological Science	6 – 8
3	Middle School Team (both Phys. & Bio.)	6 – 8
4	High School Physical Science	9 – 12
5	High School Biological Science	9 – 12
6	High School Team (both Phys. & Bio.)	9 – 12

3. A maximum of three students can be on one team project.
4. The Intel 2019 International Science and Engineering Fair Rules and Guidelines will serve as the official rules for WISEF.

Available online: <https://student.societyforscience.org/intel-isef>

5. Students are encouraged to review the Intel ISEF 2019 Student Handbook to acquaint themselves with the criteria for a successful science project.

6. All exhibitors must provide the following complete forms and documents available at <https://student.societyforscience.org/intel-isef>

:

- 1
- 1 A
- Research plan
- 1 B
- Any other forms pertinent to the project
 - All 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 email prior to leaving your home on the day of the fair for weather related announcements. You may also contact Kris Groff at 712-540-4017.

8. Anyone having questions about the fair can contact:

Miss Alexa Groff, Fair Director
Western Iowa Science and Engineering Fair
204 S Harrison Street
Stuart, Iowa 50250
Home 515-523-1313
Cell 712-577-1721

9. Anyone having questions in regard to SRC, IRB, or Display and Safety rules can contact:

Kris Groff
1650 Park Street
Sheldon, IA 51201
Cell 712-540-4017
Orabcoach79@gmail.com

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

Mr. Walter Reemtsma, Committee Chair
602 North Phillips
Algona, Iowa 50511
Home 515-295-2739
Cell 515-341-1051

II. Entry Procedures

1. All entries must be received via mail or personally delivered no later than Friday, February 22, 2019. This is necessary 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, 1 A, 1 B, and any additional required forms must be attached to the official entry form. These forms can be found at <https://student.societyforscience.org/intel-isef>
3. A completed abstract, if available, should be included with the required forms. If a completed abstract is not sent with the required forms it must be on the project's display board the day of the competition.
4. All forms must be received no later than Friday, February 22, 2019 via personal delivery or sent to:

Miss Alexa Groff
WISEF Fair Director
204 S Harrison Street
Stuart, Iowa 50250
5. All entries will be reviewed by the WISEF SRC and WISEF IRB committees upon receipt. Efforts will be made to contact individuals via email or phone to correct any items in the required forms prior to the fair on Saturday, March 9. **It is important that email addresses and phone numbers be correct on the entry form.**
6. Any project not approved by the WISEF SRC and IRB committees will not be judged in competition.

III. WISEF Entry Form

Western Iowa Science and Engineering Fair March 9, 2019

Name _____

School _____

School Address _____

City _____ Zip _____

Title of Project _____

Categories:

#	Category	Grades	Mark (✓) One
1	Middle School Physical Science	6 – 8	
2	Middle School Biological Science	6 – 8	
3	Middle School Team (both Phys. & Bio.)	6 – 8	
4	High School Physical Science	9 – 12	
5	High School Biological Science	9 – 12	
6	High School Team (both Phys. & Bio.)	9 - 12	

Type of display: _____ Floor _____ Table

Do you need electrical service? _____ Yes _____ No

Area radio station you listen to for school closing:

Station _____ Address _____ Phone _____

Newspaper/radio stations you desire to have press releases regarding your participation in the Western Iowa Science and Engineering Fair sent to:

Newspaper (name) _____ Address _____

Radio station (name) _____ Address _____

Parent Permission Signatures

The undersigned hereby give permission for (name of student) _____
to participate in the 2019 Western Iowa Science and Engineering Fair, March 9, 2019 on the
Campus of Iowa Central Community College.

Parent / Guardian Signature _____

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.

Parent / Guardian Signature _____

Entry forms due via mail or personal delivery no later than Friday, February 22, 2019 to:
Miss Alexa Groff WISEF Fair Director
204 S Harrison Street

Stuart, Iowa 50250

IV. Exhibit Safety and Display Regulations

1. Exhibitors are reminded that the entire project exhibit must fit within the following size limitation.

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 <https://student.societyforscience.org/intel-isef> of the Intel ISEF 2019 International Rules and Guidelines document 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 newspaper 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.

V. Seminars

All students are encouraged to enter the oral seminar competition held in conjunction with the Western Iowa Science and Engineering Fair. Students entering the oral seminar competition must also be project exhibitors at the fair. There will be six classes of competition:

#	Category	Grades
1	Middle School Physical Science	6 – 8
2	Middle School Biological Science	6 – 8
3	Middle School Team (both Phys. & Bio.)	6 – 8
4	High School Physical Science	9 – 12
5	High School Biological Science	9 – 12
6	High School Team (both Phys. & Bio.)	9 – 12

To enter the WISEF oral seminars submit one copy of your complete project report along with the entry form found on the following page via mail or personal delivery no later than February 22, 2019 to:

Mr. Walter Reemtsma, Committee Chair

602 North Phillips

Algona, Iowa 50511

Home 515-295-2739

Cell 515-341-1051

jawal@netamumail.com

VI. Seminar Entry Form

Student name _____ Grade _____

Student email address _____

Teacher's Name _____

Teacher's email address _____

Student's School _____

Student's Home phone number _____ School Number _____

Teacher's home number _____ School Number _____

Name of Research Paper _____

Seminar Categories:

#	Category	Grades	Mark (✓) One
1	Middle School Physical Science	6 – 8	
2	Middle School Biological Science	6 – 8	
3	Middle School Team (both Phys. & Bio.)	6 – 8	
4	High School Physical Science	9 – 12	
5	High School Biological Science	9 – 12	
6	High School Team (both Phys. & Bio.)	9 – 12	

All entries due via mail or personal delivery by February 22, 2019 to:

Mr. Walter Reemtsma, Seminar Committee Chair

602 North Phillips

Algona, Iowa 50511

Information concerning equipment availability at ICCC(computer, computer projector, etc.) will be sent to you with your notification of selection to present your seminar.

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 competitive exhibitors will be excused from their projects and will be prepared to give an oral presentation using visuals (Power Point, slides, posters, etc.) The presentation may last up to ten minutes followed by a 5 minute question period at which time only judges may ask questions of the exhibitor. The best presentations in each class of competition will be awarded medals.

VII. Tentative Schedule of Events

7:00 – 9:00 A.M. Set up

9:30 – 12:00 Noon Judging & seminars

After judging has been completed lunch at ICCC

2:30-3:00 P.M. Awards

VIII. Awards

Senior High Division

If funding is available, the best overall individual project exhibitor and possibly their sponsor will be invited to exhibit at the Intel International Science and Engineering Fair 2019 in Phoenix, Arizona, May 12-17, 2019

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

Middle School Division

Top five exhibitors in each class will also be recognized.