
2008 Flint Area Science Fair Application

■ **This completed form is required for ALL projects. Type or print all information requested. Every question must be answered. Complete this application and have it approved before you start to collect any data.**

■ **Online applications are available at www.flintsciencefair.org. or mail this signed application AS SOON AS POSSIBLE, but no later than February 22, 2008 to:**

The Flint Area Science Fair • Attn: Dr. Welch, 2413 W. Maple Ave., Flint, MI 48507

For applications received February 25–March 3, 2008 only—\$10.00, late fee check must be attached or will be collected at the fair.

NO APPLICATIONS accepted after March 3, 2008.

Projects in grades 9–12 must also complete an ISEF application form meeting all ISEF requirements (available at www.sciserv.org/isef or from the director) for review prior to competing in the Flint fair.

1. Student's Name _____ Male _____ Female _____
Home Address _____ City _____ State _____ Zip _____
Home Phone _____ email address _____
3. Name of School and School District _____ Grade* _____
(grades 9–12 see note 13)
School Address _____ City _____ State _____ Zip _____
4. Title of Project _____

5. In which category does your project best fit? See list in handbook, page 17. _____
Junior Division only: Life Earth Physical
6. Adult Sponsor _____
7. Is this a continuation from a previous year? Yes No
If yes, attach previous year's abstract & completed form
8. Is this a group project? Yes No
If yes, each member of the group must submit an application form.
9. Starting date of this year's experimentation (must be stated) month: _____ day _____ year _____
10. Where will you complete your lab work? Research Institution School Field Home
11. Name, address, & phone of work site(s) (if different from above) _____
12. This page and section 1 of page 16 with parent and sponsor signatures are required for all projects. Also please complete the project information on page 14 and the safety checklist on page 15.

For questions call: 810 591-4442 or email: fasfdirector@hotmail.com

For IRB (Institutional Review Board) questions involving human subjects, contact Dr. Qazi Azher, Hurley Medical Center, at 810 257-9134.

For SRC (Scientific Review Committee) questions contact Dr. William Welch at 810 591-4442.

Some Information About Your Project

Use extra pages if necessary.

1. Title of Project _____
2. What is the problem or question you intend to investigate? _____

3. What is your hypothesis? _____

4. Describe in detail the method or procedure you intend to use. _____

5. About what date do you intend to start running your actual experiment? _____
6. Do you need electric power when displaying your science fair project? Yes No
7. Bibliography. List at least three major sources (i.e. science journal articles, books) from your library research. If you are using animals, include an additional animal care reference. _____

8. Does your school have its own science fair? Yes No
9. Have you entered the Flint Area Science Fair before? Yes No

Before You Start Your Project Required Safety Checklist

Name _____

1. Do you have capabilities of safely conducting the experiment including a mentor, equipment, etc?
 Yes No E-mail or call the director. We may be able to help you through the mentor program!
2. Have you submitted your FASF applications BEFORE starting your project?
 Yes No Fill out and mail this paper application or apply online at www.flintsciencefair.org.
3. Does your experiment involve any of the following categories? If you checked anything other than "None of the above", did you complete the required International Science and Engineering Fair (ISEF) forms BEFORE you start your project? Go to www.sciserv.org to download the required forms and submit a copy along with your application! Remember these forms help ensure your safety and the appropriate treatment of humans and animals.
 - Humans—complete ISEF Form 4: Human Subjects and Informed Consent Form & Sample Informed Consent Statement) Remember you need a consent form completed for every human subject!
 - Vertebrate animals—complete ISEF Form 5: Vertebrate Animal Form (5A and 5B)
 - Potentially hazardous Biological Agents—complete ISEF Form 6A: Potentially Hazardous Biological Agents Form or Form 6B: Human and Vertebrate Animal Tissue Form
 - Hazardous Chemicals, Activities and Devices—complete ISEF Form 3 Risk Assessment Form
 - None of the above (No additional forms required)
4. If you a Senior Division participant (grades 9th–12th) have you also completed your ISEF forms (1, 1A, 1B and Research Plan and any additional forms as required) and submitted a copy to the Flint Science Fair:
 Yes No Do it so you will be eligible to attend ISEF
5. Have you read and do you comply with the Rules on pages 18 and 19?
 Yes No Do it!
6. **Required adult sponsor approval**—I have reviewed the students completed research plan for compliance to ISEF rules and guidelines and have discussed with them any possible risks involved in the project.

Adult Sponsor Printed Name _____

Signature _____

Date (prior to experimenting) _____

Approval Form (1B)

This completed form is required for each student, including all team members.

1) TO BE COMPLETED BY STUDENT AND PARENT

a) Student Acknowledgment:

I understand the risks and possible dangers to me of the proposed research plan. I have read the ISEF Rules and Guidelines and will adhere to all International Rules when conducting this research.

I have read and will abide by the following Ethics statement:

Scientific fraud and misconduct are not condoned at any level of research or competition. Such practices include plagiarism, forgery, use or presentation of other researcher's work as one's own, and fabrication of data. Fraudulent projects will fail to qualify for competition in affiliated fairs or the ISEF.

Student's Printed Name

Signature

Date Acknowledged
(Must be prior to experimentation.)

b) Parent/Guardian Approval: I have read and understand the risks and possible dangers involved in the **Research Plan**. I consent to my child participating in this research.

Parent/Guardian's Printed Name

Signature

Date of Approval
(Must be prior to experimentation.)

2) TO BE COMPLETED BY THE FAIR SRC

(REQUIRED FOR PROJECTS REQUIRING PRIOR SRC/IRB APPROVAL. SIGN 2a OR 2b AS APPROPRIATE.)

a) Required for projects that need prior SRC/IRB approval BEFORE experimentation
(humans, vertebrates or potentially hazardous biological agents)

The SRC/IRB has carefully studied this project's **Research Plan** and all the required forms are included. My signature indicates approval of the **Research Plan** before the student begins experimentation.

SRC/IRB Chair's Printed Name

Signature

Date of Approval
(Must be prior to experimentation.)

OR

b) Required for research conducted at all Regulated Research Institutions with no prior fair SRC/IRB approval.

This project was conducted at a regulated research institution (**not home or high school, etc.**), was reviewed and approved by the proper institutional board before experimentation and complies with the ISEF Rules. **Attach (1C) and required institutional approvals (e.g. IACUC, IRB)**

SRC Chair's Printed Name

Signature

Date of Approval

NOTE: If a stamp is used, it must be initialed by the chairperson.

3) FINAL ISEF AFFILIATED FAIR SRC APPROVAL. (REQUIRED FOR ALL PROJECTS)

SRC Approval After Experimentation and Shortly Before Competition at Regional/State/National Fair

I certify that this project adheres to the approved **Research Plan** and complies with all ISEF Rules.

Regional SRC Chair's Printed Name

Signature

Date of Approval

State/National SRC Chair's Printed Name

Signature

Date of Approval

(where applicable)

International Rules 2007/2008 full text of the rules and electronic copies of forms are available at www.sciserv.org/isef