Intel ISEF OFFICIAL ABSTRACT and CERTIFICATION

Category
Pick one only—
mark an "X" in
box at right

Behavioral and
  Social Science ☐

Biochemistry ☐

Botany ☐

Chemistry ☐

Computers ☐

Earth and Space
  Sciences ☐

Engineering ☐

Environmental
  Sciences ☐

Gerontology ☐

Mathematics ☐

Medicine and
Health ☐

Microbiology ☐

Physics ☐

Zoology ☐

1. As a part of this research project, the student directly handled, manipulated, or interacted with (check ALL that apply):   ☐ human subjects   ☐ pathogenic agents   ☐ recombinant DNA

   ☐ non-human vertebrate animals   ☐ controlled substances   ☐ human/animal tissue

2. Student independently performed all procedures as outlined in this abstract.   ☐ Yes   ☐ No

3. This project was conducted at a Registered Research Institution.   ☐ Yes   ☐ No

4. Is this project a continuation?   ☐ Yes   ☐ No

I/We hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I/We also attest that the above properly reflects my/our own work.

_____   _____

Finalist or Team Leader Signature   Date

FOR INTEL ISEF
OFFICIAL USE
ONLY

This embossed seal attests that this project is in compliance with all federal and state laws and regulations and that all appropriate reviews and approvals have been obtained including the final clearance by the Intel ISEF Scientific Review Committee.

INSTRUCTIONS: PLEASE READ CAREFULLY BEFORE PREPARING the ABSTRACT & CERTIFICATION.

Prepare 3 signed official ISEF Abstract & Certification forms.

BE SURE TO ANSWER THE 4 QUESTIONS BY MARKING THE APPROPRIATE BOXES AND CERTIFY BY SIGNING.

- Complete and send 3 completed ISEF Abstract & Certification forms to your Intel ISEF-affiliated fair director. These abstracts should be accompanied by the Intermediate Submission Feedback form from your Finalist Questionnaire and a copy of all Intel ISEF paperwork.

- Bring a copy of your Abstract & Certification along with copies of all of your Intel ISEF paperwork with you to the fair. *If possible also bring an electronic copy of the text of your abstract in the case that you need to modify the abstract to obtain SRC approval.*

- Abstract & Certification forms (3 w/signature) sent to Science Service will be reviewed by the Intel ISEF Scientific Review Committee and as approved, will be stamped/embossed. No pasted or taped-on text will be permitted. **The original or an unaltered copy of the Finalist's official stamped/embossed Abstract & Certification MUST appear on the display board or in a verticial position at the project.**

- The term "ABSTRACT" may not be used as a title or reference for any information on a Finalists's display or in a Finalist's materials at the project except as part of displaying the official Abstract & Certification.

- Finalists should NOT bring multiple copies of their Abstract & Certification. At the Intel ISEF, Finalists will be given 25 copies of their approved, stamped/embossed Abstract & Certification for handing out to judges.

- Abstracts should be **single-spaced using 12 point type** from a black ribbon or laser cartridge. Abstracts may not exceed 250 words and must be typed within the predefined area above (5.5" tall by 6" wide). Type title (ALL CAPITALS); your last name, first name and middle initial; your home address (street, city, state and zip code); and your school's name, city, state within the first .75 inches of space within the box. **Do not leave more than one blank space between the header and body of your abstract.** *Teams must include all team member names and should use the team leader's address.*
  Example: EFFECTS OF MARINE ENGINE EXHAUST WATER ON ALGAE
               Jones, Mary E.
               123 Main Street, Hometown, PA 30920
               Hometown High School, Hometown, Pennsylvania

Information on Required Abstract & Certification for ALL Projects at the Intel ISEF

In ADDITION to the basic form requirements for ALL Projects and any other requirements due to specific areas of research, an Abstract & Certification is required at the conclusion of research. Details on this requirement follow.

Completing the Abstract

After finishing research and experimentation, you are required to write a (maximum) 250 word, one-page abstract. This should be written on the Official Abstract and Certification Form as provided by Science Service. The abstract **should include:**
  a) *purpose of the experiment*
  b) *procedures used,*
  c) *data, and*
  d) *conclusions.*

It may also include any possible research applications. Only minimal reference to previous work may be included. An abstract **should not include**:
  a) *acknowledgements, or*
  b) *work or procedures done by the*
     mentor.

Completing the Certification

At the bottom of the Abstract & Certification form there are four questions regarding the research that the student performed. Please read each carefully, answer appropriately, and sign in the signature box to certify your answers. The Intel ISEF Scientific Research Committee will review and approve the abstract and answers to the four questions.

Revisions or questions will be resolved via an SRC table check or interview on site at the Intel ISEF. Please bring a copy and if possible, an electronic copy of the abstract text, of your Abstract & Certification with you to the fair. Only after final Intel ISEF SRC approval has been obtained via a stamped/embossed copy of this Abstract & Certification may a Finalist make copies and/or hand out their Abstract & Certification.

Intel ISEF SAMPLE ABSTRACT & CERTIFICATION

TITLE
Finalist's Name
Home Address, City, State, Country, Zip Code or Postal Code
School Name, City and State, Country

Start Typing the Body of Your Abstract Here Beginning at the Left Margin

THE BLUE LINES DO NOT SHOW WHEN ABSTRACT IS PRINTED. TYPE DIRECTLY ON TOP OF THEM AS GUIDE LINES. BUT DO NOT TYPE OUTSIDE OF THEM BY EVEN A SINGLE LETTER.
(The Form obtained via the website will have no lines and is permissible for use, but the text must remain in the 5.5 by 6" box.)

Category
Pick one only-- mark an "X" in box at right

- Behavioral and Social Science ☐
- Biochemistry ☐
- Botany ☐
- Chemistry ☐
- Computers ☐
- Earth and Space Sciences ☐
- Engineering ☐
- Environmental Sciences ☐
- Gerontology ☐
- Mathematics ☐
- Medicine and Health ☐
- Microbiology ☐
- Physics ☐
- Zoology ☐

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Sample Intel ISEF Official Abstract & Certification
Instructions for completion are on the reverse side of the form.

NOTE: Your abstract must be on the Intel International Science and Engineering Fair Abstract & Certification form and embossed/stamped by the Intel ISEF Scientific Review Committee before it is displayed or handed out. *No pasted or taped text will be permitted.* No other format or version of your approved Abstract & Certification will be allowed for any purpose at the Intel ISEF.