



Form 2: Qualified Scientist Form

- [ ] Item 1 Student Name and Project Title \_\_\_\_\_
- [ ] Item 2 Qualified Scientist's Information (8 Blanks) \_\_\_\_\_
- [ ] Item 3 Questions 1- 4 \_\_\_\_\_
- [ ] Item 4 Scientist Name, Sig, Date **Before Experiment** \_\_\_\_\_
- [ ] Item 5 If applicable: Name, Sig, Date **Before Experiment** \_\_\_\_\_

Form 3: Risk Assessment

- [ ] Item 1 Student Name and Project Title \_\_\_\_\_
- [ ] Item 2 Questions 1-5 \_\_\_\_\_
- [ ] Item 3 Name, Signature, etc., Date **Before Experiment** \_\_\_\_\_

Form 4: Human Subjects Form

- [ ] Item 1 Student name and Project Title \_\_\_\_\_
- [ ] Item 2 Question 1-3 \_\_\_\_\_
- [ ] Item 3 Adult sponsor, and E-mail \_\_\_\_\_
- [ ] Item 4 IRB Risk Box \_\_\_\_\_
- [ ] Item 5 Medical Prof. Signature and Approval date \_\_\_\_\_
- [ ] Item 6 Science Teacher Signature and approval date \_\_\_\_\_
- [ ] Item 7 School Administrator Sig & Approval Date \_\_\_\_\_
- [ ] Item 8 Human Subject Boxes, Signed & dated \_\_\_\_\_
- [ ] Item 9 Parent Consent boxes, signed & dated \_\_\_\_\_

Form 5A: Vertebrate Animal (**SRC Approval**)

- [ ] Item 1 Student Name and Project Title \_\_\_\_\_
- [ ] Item 2 Questions 1-3 (Completed by Student Researcher) \_\_\_\_\_
- [ ] Item 3 **SRC Boxes before Experiment** \_\_\_\_\_
- [ ] Item 4 Vet/Designated Supervisor Info (if applicable) \_\_\_\_\_

Form 5B: Vertebrate Animal (**IACUC Approval**)

- [ ] Item 1 Student Name, Project Title, and Protocol Number \_\_\_\_\_
- [ ] Item 2 Questions 1-6 (Completed by Qualified Scientist) \_\_\_\_\_
- [ ] Item 3 Quest. 7: ensure copy of approval letter attached \_\_\_\_\_
- [ ] Item 4 Certification Box with Sig, Date, etc. \_\_\_\_\_

Form 6A: Potentially Hazardous Biological Agents

- [ ] Item 1 Student Name and Project Title \_\_\_\_\_
- [ ] Item 2 Questions 1-5 (Completed by Student Researcher) \_\_\_\_\_
- [ ] Item 3 Second part completed by QS or DS \_\_\_\_\_
- [ ] Item 4 BSL-1 Lab or BSL-2 Lab Signature, and Date \_\_\_\_\_

Form 6B: Human and Vertebrate Animal Tissue

- [ ] Item 1 Student Name and Project Title \_\_\_\_\_
- [ ] Item 2 Questions 1-3 (Completed by Student Researcher) \_\_\_\_\_
- [ ] Item 3 Certification Box Completed by DS or QS with date \_\_\_\_\_

Form 7: Continuation Projects

- [ ] Item 1 Student's Name \_\_\_\_\_
- [ ] Item 2 Components Completed by Student Researcher \_\_\_\_\_
- [ ] Item 3 Student Name, Signature, and Date \_\_\_\_\_



OFFICIAL ABSTRACT and CERTIFICATION



Title

Finalist's Name(s)  
School Name, City and State, Country

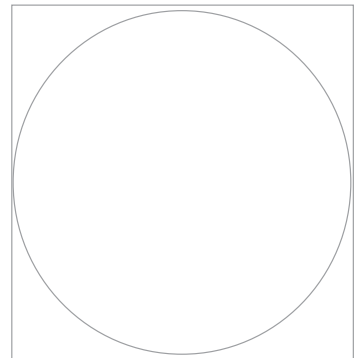
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Start Typing the Body of Your Abstract Here Beginning at the Left Margin

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

- Animal Sciences
- Behavioral and Social Science
- Biochemistry
- Cellular & Molecular Biology
- Chemistry
- Computer Science
- Earth Science
- Eng: Electrical & Mechanical
- Eng: Materials & Bioengineering
- Energy & Transportation
- Environmental Management
- Environmental Sciences
- Mathematical Sciences
- Medicine and Health
- Microbiology
- Plant Sciences
- Physics and Astronomy

1. As a part of this research project, the student directly handled, manipulated, or interacted with (check ALL that apply):
  - human subjects       potentially hazardous biological agents
  - vertebrate animals       microorganisms       rDNA       tissue
  
2. This abstract describes only procedures performed by me/us, reflects my/our own independent research, and represents one year's work only       Yes       No
  
3. I/we worked or used equipment in a regulated research institution or industrial setting:       Yes       No
  
4. This project is a continuation of previous research.       Yes       No
  
5. My display board includes non-published photographs/visual depictions of humans (other than myself):       Yes       No
  
6. I/we hereby certify that the abstract and responses to the above statements are correct and properly reflect my/our own work.       Yes       No



*This stamp or 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 Scientific Review Committee.*

### COMPLETING THE ABSTRACT:

Abstracts are limited to a maximum 250 words and must fit within the predefined area. Please be sure to consult the information from your affiliate fair for the proper formatting of the header information as fairs differ in what is required (or not allowed).

The abstract **should include the following:**

- a) *purpose of the experiment*
- b) *procedure*
- c) *data*
- d) *conclusions*

It may also include any possible research applications. Only minimal reference to previous work may be included. An abstract **must not include the following:**

- a) *acknowledgments (including naming the research institution and/or mentor with which you were working), or self-promotions and external endorsements*
- b) *work or procedures done by the mentor*

### COMPLETING THE CERTIFICATION:

At the bottom of the Abstract & Certification form there are six questions. Read each carefully and answer appropriately. The Affiliated Fair Scientific Research Committee will review and approve the abstract and answers to the questions.

Please bring a copy of your Abstract & Certification to the fair and be sure to consult with your affiliated fair regarding the rules of making copies to distribute.

### TIPS ON WRITING A PROJECT ABSTRACT

A project abstract is a brief paragraph or two (limited to 250 words or 1,800 characters) highlighting and/or summarizing the major points or most important ideas about your project. An abstract allows judges to quickly determine the nature and scope of a project.

- Emphasize these aspects: purpose (hypothesis), methods (procedures used), data summary or analysis, and conclusions.
- Focus only on the current year's research.
- Omit details and discussions.
- Use the past tense when describing what was done. However, where appropriate use active verbs rather than passive verbs.
- Use short sentences, but vary sentence structure.
- Use complete sentences. Don't abbreviate by omitting articles or other small words in order to save space.
- Avoid jargon and use appropriate scientific language.
- Use concise syntax, correct spelling, grammar, and punctuation.

### AVOID A REWRITE

- Focus on what you did, not on the work of your mentor or of the laboratory in which you did your work.
- Do NOT include acknowledgements, self promotion or external endorsements. Don't name the research institution and/or mentor with which you were working and avoid mentioning awards or honors (including achieving a patent) in the body of the abstract.
- Be sure to emphasize the current year's research. A continuation project should only make a brief mention of previous years' research (no more than a sentence or two).

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**Please use BLUE ink.**

\_\_\_\_\_  
Students Printed Name Date

\_\_\_\_\_  
Signature (Parental Signature If Below Age of 18)

\_\_\_\_\_  
Phone Number Grade in School Email Address

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
School

\_\_\_\_\_  
Teacher's name

\_\_\_\_\_  
School address

\_\_\_\_\_  
City State Zip code

\_\_\_\_\_  
School newspaper School website

I hereby certify that I am the parent or legal guardian of \_\_\_\_\_  
and I do give my consent on his/her behalf.

\_\_\_\_\_  
Signature of parent or guardian Date