

Instructions for Abstract and Full Research Paper: (To be uploaded as a Word or a PDF file when you register to participate.)

The **ABSTRACT** should accurately convey the essential nature of the research conducted and the most significant conclusions reached. The format for the 200-word abstract body includes: **1 inch margins, keyed in 12 point font (Times or Times New Roman)**. Abstracts must be adequate in length but not exceed these specifications. The header preceding the abstract body must include:

Line 1. Title of the research, in **bold**

Line 2. Authors name(s); high school name, high school city, high school state;

Line 3. Name of teacher/mentor/sponsor and his or organization.

Precede the individual's name with a subheading (i.e. teacher, mentor, sponsor).

Include one line of space between the heading and the abstract body.

PAPER

- The paper should be a minimum of 5-6 pages and a **maximum of 20 pages, including appendices.**
 - **1 inch margins, keyed in 12 point font (Times or Times New Roman).**
 - **Single or 11/2 spacing**
 - **Page numbers** should be used **AFTER** the table of contents.
 - Photography may not be used in the electronic research paper; photography may be used in the oral presentations.
 - Graphs, tables, diagrams, charts, or other graphic representation should be simple to allow the judges on-line access to the research paper.
 - The abstract is **NOT** a part of the paper for this symposium, it is a stand-alone document
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- A recommended outline for the research paper includes:
 1. a title page, or cover page stating the title of the research (use a larger font 24 point-36) followed by student's name, school address (city and state);
 2. a page with acknowledgement of major assistance received, and if applicable, statement that "research involving non-human vertebrates or human subjects was conducted under the supervision of an experienced teacher or researcher and followed state and federal regulatory guidance applicable to the human and ethical conduct of such research";
 3. a page with a table of contents and appropriate page numbering that starts after this table;
 4. The body of your paper should be single pages of text (no columns).
 5. materials and methods;
 6. results (data or findings);
 7. discussion and conclusions;
 8. references, or literature cited. This should be a short list, no longer than 1 page;
 9. appendices (if necessary).
 10. The research paper is used as a supporting document to the abstract during the judging process. The judges read both the abstract and paper.