

Junior Science and Humanities Symposium

Poster Presentation Requirements

The Central/Western New York Junior Science & Humanities Symposium (JSHS) Sub-Regional host, Rochester Institute of Technology (RIT) invites area high school students to present their research at the Sub-Regional JSHS Poster Competition on Saturday, January 27, 2024, 10am to 1pm. Posters will be judged to select winners in each of eight categories of competition. The poster session activities will be open to all JSHS participants during designated times. During judging, attendance is restricted to judges and student poster presenters only. Be sure to read each poster competition requirement carefully.

Definition

The primary purpose of a poster is to communicate the results of the research or engineering investigation, data obtained, methodology, conclusions reached and recommendations for future research. A poster is a more concise visual presentation intended to attract the viewer to the highlights of the research and engage the viewer in an in-depth discussion.

A Statement of Outside Assistance Form will be required at the time of online registration for all poster presenters and will be provided to the judges by the JSHS staff.

Abstract

All participants must submit a 250-word maximum abstract in Word format. The abstract should accurately convey the essential nature of the research conducted and the most significant conclusions reached.

The format for the 250-word abstract includes 1-inch margins, keyed in 10 or 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:

1. Title of the research;
2. Authors name(s);
3. High school, high school city, high school state;
4. Name of teacher/mentor/sponsor and his or her organization. Precede the individual's name with a subheading (i.e. teacher, mentor, sponsor);
5. Include one line of space between the heading and the abstract body.
6. Abstract documents must be labeled as "Firstname Lastname Abstract".



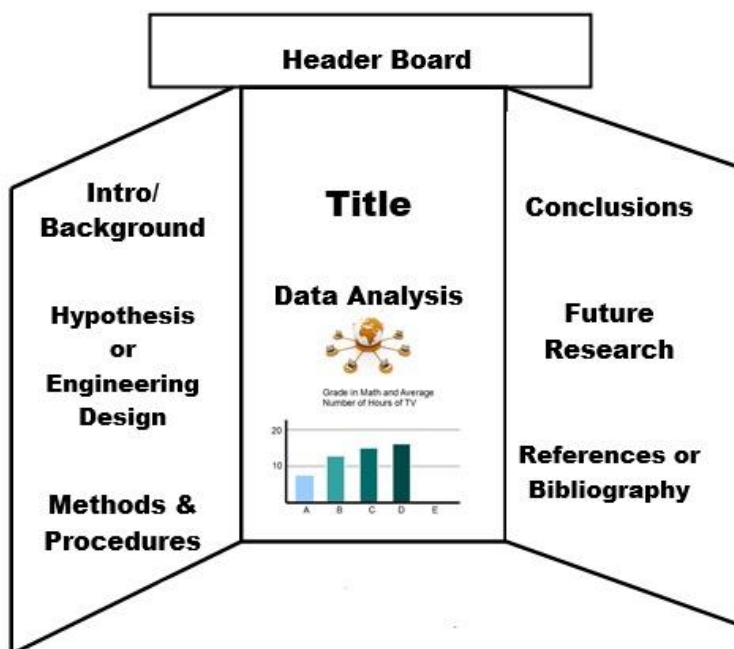
You will have until January 8, 2024 to make any edits to your submitted abstract. Please carefully proofread your submission since abstracts will not be proofread or edited. You do not need to print your abstract.

Statement on Outside Assistance

All JSHS applicants prepare and submit a *Statement on Outside Assistance Form* as a part of their registration. This form requires students to report on their contributions to the research investigation. Participants must upload the completed *Statement on Outside Assistance Form* on their registration application. The *Statements on Outside Assistance Form* must be in PDF format and labeled as "Firstname Lastname SOA".

Physical Poster Presentation Requirements

A suggested layout for the poster is presented in the below diagram.



Composition

The poster contains the following sections:

- Title
- Introduction/Background
- Hypothesis or Engineering Design
- Methods & procedures
- Results/Conclusions
- Conclusions
- References/Bibliography

Do not include an abstract on the poster board.

Display

- Poster board dimensions are 36" high x 48" wide. The poster board includes two folds; fold dimensions are 12" x 24" x 12".
- Header boards are allowed and must be no larger than 10" high x 36" wide. The Header board should only contain a title.
- Posters should be readable from a distance of 4 feet.
- The Title should be at least one inch (72 pts) in height. The student's name and regional should be included and should be (48 pts). All other lettering should be in 24-point font size. (Point size indicated above is suggested size only).
- The poster should be balanced and organized in a logical, sequential order.
- Keep the amount of text to a minimum.
- There should be more emphasis on graphics, tables, charts, and graphs. These items should be cited on the poster board.
- Photographs in addition to other illustrations may be used. Figures may be in color.
- No hazardous materials are allowed. No laptops, tablets or other electronic devices are to be used. No specimens, no apparatus, no chemical reagents, no models, logbooks, or papers are to be used during the presentation. Only printed material, affixed to the poster, will be allowed for the poster presentation.
- All materials must be prepared (printed) and tacked onto the poster board.
- Tables are provided in the presentation rooms for the poster displays.

Judging

Poster session judges first review the posters without the students present; then continue judging by interviewing the students at their display board. For the duration of the poster session, presenters should remain close to their posters and be available to answer questions and discuss their research. Judging criteria used by the judges follows below. Each judge is instructed to rank presentations based on the below criteria using a scale from 1 to 5. The scores are tallied for each presenter and used as the basis for discussion among judging team members.

- Statement and identification of research problem
- Scientific thought, creativity/innovation, appropriate duration
- Research or engineering design and procedures
- Logical conclusion relevant to the research problem. What was learned? Did student recognize contribution to the field?
- Skill in communicating results
- References stated

Poster Label Numbers

At registration for the in-person poster presentations, poster label numbers will be assigned to each student poster presenter by the JSHS staff. These numbers will also be assigned to preset tables during the Sub-Regional event in a designated room, so students know where to set up their poster display.

JSHS Central/Western New York Poster Session Competition Contact for information

RIT K-12 Office: jrak12@rit.edu