Junior Science and Humanities Symposium
Poster Presentation Requirements

The National Junior Science & Humanities Symposium (JSHS) invites up to three individual student delegates from each regional symposium to present their research at the National JSHS Poster Competition. Posters will be judged to select winners in each of eight categories of competition. The poster session activities will be open to all National JSHS participants during designated times. During judging, attendance is restricted to judges and student poster presenters only. All poster presenters will need to submit a virtual poster, as well as provide “poster ready” printed materials.

These requirements are for National poster presenters only. If you are uncertain of your National Finalist status, please check your National Finalist confirmation email or contact your Regional Director. Be sure to read each requirement carefully. Please note that the email address used at the time of registration will also be your National JSHS login if necessary.

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. This should be the same form you submitted for your regional competition.

Abstract
All National Finalists 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.
Abstract documents must be labeled as “Firstname Lastname Abstract”. Abstracts will be published in the 2022 National JSHS Abstract Catalog. You will have until March 30, 2022, to make any edits to your submitted abstract. Please carefully proofread your submission, since abstracts will not be typed 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. National Finalists must submit the same completed Statement on Outside Assistance Form that was included with their regional registration. Statements on Outside Assistance Form must be in PDF format and labeled as “Firstname Lastname Outside”. Students should contact the JSHS staff immediately if they have not previously submitted the JSHS Statement on Outside Assistance Form.

Virtual Poster Presentation Requirements
Poster
Posters must utilize a 36-inch tall by 48-inch wide template and saved as a PDF, which must be uploaded at the time of your registration. Poster PDFs must be labeled as “Firstname Lastname Poster”. Please note that all materials must be submitted in their final format- there will not be opportunity to edit after submission. No materials will be accepted via email. You may use the following resource to obtain the correct poster size:

1. Download the 36x48 template into your computer:
2. You will now have the correct dimensions to begin populating your poster.
Note: The “Quick Start” guide is there to help you design your poster and does not affect your poster size.
3. Save your PowerPoint as a PDF in order to remove the Quick Start Guide from your presentation.

Alternative Poster Instructions:
(Based off Microsoft Office 2016)
1. Open a new PowerPoint Presentation.
3. Go to “Design” tab and then “Slide Size”. Click “Custom Slide Size”.
4. Enter 48 in for width, and 36 in for height.
5. Click “OK” The template should now have the correct dimensions.

Poster Overview Recording
Each poster presenter will need to record and submit an overview of their poster at the time of registration. This recording will accompany student posters and will be reviewed by judges prior to the live Q and A in addition to being shared during the Poster Peer Review session. Recordings must be uploaded to YouTube as “unlisted”. The unlisted link to your recording is what is submitted at registration.
   • The overview must be presented by the student.
• The overview may not exceed 4 minutes in total length.
• Must be submitted at the time of National registration as an unlisted YouTube link.

Name Pronunciation Recording:
National Finalists will need to record and submit a recording of their first and last name pronunciation at the time of registration. Recordings must be uploaded to YouTube as “unlisted”. The unlisted link to your recording is what is submitted at registration.
• Be sure to say your name slowly and clearly.
• Must be submitted at the time of National registration as an unlisted YouTube link.

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
- Tri-fold poster boards will be provided and will be available for participating students when they arrive at the National JSHS.
- Other materials that will be provided include staplers, stick pins, double sided tape, clips, markers and scissors.
- The poster ready, printed materials must fit within the dimensions of the poster board.
- 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. Header boards are not provided by JSHS.
- Tables will be supplied.
- 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, log books, 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 “poster ready” in advance of arriving and ready to be tacked onto the poster board. Printers will not be available.
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 Nationals, in a designated room, so students know where to set up their poster display.

JSHS Poster Session Competition Contacts
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