

2021 Virtual Poster Competition Rules and Presentation Guidelines

Arkansas Junior Science and Humanities Symposium

The AJSHS competition will be held virtually in 2021. The judges have established the following rules and guidelines for this year's competition. If you have any questions, please contact Dr. Young (jyoung35@atu.edu).

Register via this link: <https://cvent.me/ebqA20> by March 5th at 5:00 PM. Poster presenters should register as a "Student – Poster" registration type.

Required Materials

- 1) Statement of Outside Assistance (available for download on the CVENT registration page)
- 2) Abstract
 - 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.
 - The abstract should be submitted as a PDF when registering on CVENT
- 3) Quad Chart (see appendix A for a template)
 - Summarizes the presentation for the judges on a single page
- 4) Project Presentation (see appendix B for a template)
 - This document will replace the typical project poster during in-person fairs

The quad chart **and** Project presentation should be saved as a **single PDF** (with the quad chart as the first page) and submitted during registration on CVENT under the "Submit a PDF of your poster" file submission option.

- 5) Project video (maximum 5 minutes in length)
 - The video should summarize the project
 - Do not include any essential information in the video that is not part of the project presentation.
 - If you would like to include a video demonstration, simulation, or animation with your presentation, you may include it with the project video.
 - Videos can be loaded to a google drive or uploaded to YouTube (you may keep the privacy setting to "unlisted," the link will only be given to poster judges) and email the link to ArkansasJSHS@gmail.com. The subject line should include the title of the presentation, and the body of the email should include the link to the video and the name on your AJSHS registration.

Process and Timeline

- March 5th by 5 PM – Registration should be complete and all required materials submitted and video link emailed

- March 10-12 - Rolling phone/WebEx interviews. Students will be contacted via the email address provided during registration by the judges to set up a time.
- March 13th – Winners announced during the virtual awards ceremony. Time is TBA. The link will be sent to all registered attendees.

Appendix A: Quad Chart Template

- The Quad Chart should be only one page - *landscape* orientation (8.5''x11" or 8.5''x14")
- Avoid dark backgrounds - use a light color background and dark text
- Use at least a size 13 font (table/figure captions can be as small as 9pt)
- Do not include a bibliography, reference, or acknowledgments in the Quad Chart

The format for the Quad Chart will vary depending on the type of project. The general layout should be as follows:

Title of Project Name and School	
Research question or problem and objectives A graphic or visual is welcome here but not required	Data, analysis, and results or other findings Keep text to a minimum. If possible, represent data as a graphic.
Methods, project design, or framework A bullet-point list is suggested	Interpretation and conclusions

Appendix B: Project Presentation Template

- The project presentation should not be more than 12 pages.
- The project presentation should have a landscape orientation and have the same size page as the Quad Chart.
- Do not include any animations or hyperlinks
- The text should be readable when viewed in the full-screen mode (14-18pt font is recommended)

The Project Presentation should contain the following sections in the order presented below. The content of each section will vary depending on what type of project you have completed. Include content as needed to communicate your project thoroughly. Each section should start on a new page. A section may have more than one page, but the entire presentation cannot exceed 12 pages.

- 1) Title Page
 - Project Title
 - Author's name
 - School
- 2) Introduction
 - Explain what your question, project, and or goal is
 - What is the motivation for your project?
 - If this is a continuation project, you should briefly mention previous work here
- 3) Methods or Framework
 - What did you do? How did you collect data?
 - If you tested a prototype, how did you test it?

- Concepts or notation needed to describe the research question, methods, or results
- 4) Results or other findings
- Data and relevant statistical analysis
 - If you have done an engineering project, did you meet the engineering goal?
 - Use tables and graphs, as appropriate
 - For mathematic or computer science projects – present proofs of the theory results.
 - Depending on the length of the argument, you may outline the proof giving the main idea or provide a rigorous proof.
- 5) Discussion and Conclusions (you may separate this into two separate sections)
- What do your results mean?
 - How do your results compare to the hypothesis or the theory?
 - Are there any expected applications for your work?
 - If there were unexpected results, how did you deal with them?
 - Did the project turn out as expected?
 - What are the limitations on your model/theory/ prototype?
 - How is what you did new? How does it advance what is already known?
- 6) References
- Not to exceed 1 page