



Georgia Junior Science & Humanities Symposium

February 28 - March 2, 2021

Contact Information

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Criteria for Papers and Oral Presentations

The following criteria, adapted from the National Junior Science & Humanities Symposium judging process, will be used to guide evaluations of submitted research papers and oral presentations.

1. RESEARCH PROBLEM

- Problem is clearly defined.
- Research is based on clear rationale, model, theory, or philosophy.
- Clearly and accurately provides background information.
- Shows thorough understanding of existing knowledge about research problem and its inherent complexities.

2. SCIENTIFIC THOUGHT, CREATIVITY/ORIGINALITY

- Shows understanding and application of appropriate scientific method and processes for the research problem.
- Demonstrates significant individual contributions to and understanding of the research problem.
- Research demonstrates high level of effort.

3. RESEARCH DESIGN, PROCEDURE*

- Procedures are detailed, clearly defined, and appropriate for the problem.
- Identification and control of variables are clearly explained and appropriate.
- Procedures are replicable.

*FOR PROJECTS IN THE ENGINEERING, TECHNOLOGY, & COMPUTER SCIENCE FIELDS:

- Presents a workable solution that is acceptable to a potential user.
- Recognizes economic feasibility of solution.
- Recognizes relationship between design and end product.
- Tested for performance under conditions of use.
- Results offer improvement over previous alternatives.

4. DISCUSSION/CONCLUSIONS

- Results are clearly stated and thorough.
- Conclusions are logical and relevant to the research problem and results.
- Recognizes limits and significance of results.
- Shows a clear understanding of scientific or technological principles.
- Theoretical or practical implications are explained.

5. SKILL IN COMMUNICATING RESULTS

- Demonstrates clarity in communicating results to non-specialized audience.
- Terms are appropriately and helpfully defined.
- Writing is clear, articulate, and grammatically correct.
- Charts, graphs, and tables are used appropriately and contribute to reader's understanding of the research.

6. SOURCES/ACKNOWLEDGEMENTS

- Student acknowledges sources and major assistance received.



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