

2017 Penn State Eastern Regional Undergraduate Research Symposium

Judging Rubric

1) Content - Assign each individual lettered item (a through h below) a score of 1–3, where 1 represents a low score and 3 represents a high score.

- _____ a) Is the title specific and informative and all collaborators acknowledged?
- _____ b) Have all necessary sources been cited in the text and referenced?
- _____ c) Is the hypothesis/objective stated clearly and concisely?
- _____ d) Is the significance to the field and to society in general clearly stated?
- _____ e) If applicable, does the work adhere to the "Process of Science" in its experimental design, implementation, and data analysis?
- _____ f) Has the data and results from the data been interpreted correctly?
- _____ g) Does the discussion/conclusion section address the major implications of the findings?
- _____ h) Is there a statement describing a "direction for future research"?

_____ **Total Score for Content (add the scores for items a-h)**

2) Display - Assign each individual lettered item (a through d below) a score of 1–3, where 1 represents a low score and 3 represents a high score.

- _____ a) Does the exhibit attract attention and convey important information about the project?
- _____ b) Is the text written in a clear and concise manner, without spelling and grammatical errors?
- _____ c) Are technical terms clearly defined?
- _____ d) Are photographs, drawings, charts, tables, or graphs well organized, understandable, and carefully chosen to explain complicated technical concepts to a wide audience?

_____ **Total Score for Display (add the scores for items a-d)**

3) Oral Presentation - Assign each individual lettered item (a through d below) a score of 1–3, where 1 represents a low score and 3 represents a high score.

- _____ a) Was the presenter(s) self-confident, professional, and thoroughly knowledgeable about the research and information being presented?
- _____ b) Is the presentation understandable to a non-expert audience?
- _____ c) Were the major points of the research discussed in the oral presentation?
- _____ d) Did the student(s) clearly describe his/her/their role in the overall project and gave credit to any collaborators?

_____ **Total Score for Oral Presentation (add the scores for items a-d)**

_____ **TOTAL SCORE**

4) Thoroughness - Assign each individual lettered item (a through d below) a score of 1–3, where 1 represents a low score and 3 represents a high score.

- _____ a) All in all, does the project show creativity?
- _____ b) Are there indications of original, critical thought?
- _____ c) Does this project consider "all" the relevance points, issues related to the topic in hand?

_____ **Total Score for Thoroughness (add the scores for items a-c)**

_____ **TOTAL SCORE**

Judging Comments
