2023 UNDERGRADUATE RESEARCH FAIR AND EXHIBITION

PENN STATE SCRANTON

**Judging for Literature Review Projects**

*This is the judging form for projects where students have compiled and synthesized published research articles. If the students collected data themselves or performed their own original statistical analysis of the data, use the Empirical scoring sheet instead. If the students designed a pamphlet to inform an audience, use the Design judging form instead.*

**Poster Judging Criteria**

The purpose of a poster exhibit is to convey to a wide audience a research project's significance to scholars in the field and its potential significance to the general public. Exhibits will be judged on their quality in four areas:

**1) Content -** The exhibit must include:

 A short title of the project

 Student name (or names, if more than one student is presenting the exhibit)

 Collaborators, adviser(s), and department(s)

 Funding sources (if applicable)

 Project topic or purpose

 Significance to the field and society in general

 Analysis of published research findings

 Synthesis of published research findings to draw conclusions linked to the project purpose

* Discussion of limitations and directions for future research

 Documentation of sources used for the project through the use of references.

**2) Display -** The core of each exhibit is a poster with text and graphics intended for a general audience.

 Poster should attract attention and convey important information about the project.

 Language should be simple and descriptions brief. Excessive jargon should be avoided; necessary technical terms should be defined.

 Spelling and grammar must be correct.

 Photographs, drawings, charts, tables, or graphs should be simple, well organized, and carefully chosen when used to explain complicated technical concepts to a wide audience.

 Poster should not exceed 3 feet in width and 4 feet in height (max 36” x 48”)

**3) Oral Presentation -** Each student should prepare to describe and discuss his or her exhibit, tailored

specifically to make the work understandable to a non-expert audience.

**4) Thoroughness**

 Does the project exhibit a thorough investigation of the topic?

 Are there indications of original, critical thought?

* All in all, does the project show creativity?

**Undergraduate Research Fair and Exhibition – Literature Review Judging Rubric**

**Project Title:**

**Judge’s Name: First Author:**

**ASSIGN EACH INDIVIDUAL LETTERED ITEM IN EACH AREA FOR A CATEGORY SUBTOTAL, WHERE:**

 **0 = Not Present 1 = Poor 2 = Average 3 = Very Good 4 = Excellent**

**1) CONTENT:**

|  |  |
| --- | --- |
| **Score** | **Rate the student’s poster content on the following:** |
|  | a. The title is specific and informative and all collaborators are acknowledged. |
|  | b. Scholarly sources were used and integrated effectively in the project. |
|  | c. All sources are cited in the text and in a Works Cited section. |
|  | d. Topic or purpose is stated clearly and concisely. |
|  | e. The significance to the field and to society is clearly stated. |
|  | f. Appropriate resources were examined. |
|  | g. The discussion section synthesizes information to draw conclusions.addresses major implications of the findings and suggestions for future research. |
|  | h. The discussion section effectively links findings to original topic or purpose. |
|  | i. The discussion section contains a clear discussion of implications and limitations of findings, and future directions. |
|  | **1. Total Score for Content (add the scores for items a-i) (maximum possible for section = 36)** |

1. **DISPLAY:**

|  |  |
| --- | --- |
| **Score** | **Rate the poster’s visual appeal on the following:** |
|  | a. The exhibit attracts attention and is creative and visually interesting. |
|  | b The text conveys written information in a clear and concise manner, with no spelling and few  grammatical errors. |
|  | c. Terms are clearly defined. |
|  | d Photographs, drawings, charts, tables, or graphs are well organized, understandable, and explain  relevant conceptsto a wide audience. |
|  | **2. Total Score for Display (add the scores for items a-d) (maximum possible for section = 16)** |

1. **ORAL PRESENTATION:**

|  |  |
| --- | --- |
| **Score** | **Rate the presenter (s) on the oral presentation based on:** |
|  | a The presenter(s) was/were self-confident, professional, and knowledgeable about the research and information being presented. |
|  | b. The presentation is understandable to a general audience. |
|  | c. The major points of the research were discussed in the oral presentation. |
|  | **3. Total Score for Oral Presentation (add the scores for items a-c) (maximum possible for section = 12)** |

1. **THOROUGHNESS:**

|  |  |
| --- | --- |
| **Score** | **Rate the presenter (s) on the oral presentation based on:** |
|  | a The topic is thoroughly investigated |
|  | b. There are indications that original, critical thought went into the work |
|  | c The project shows creativity |
|  | **4. Total Score for Thoroughness (add the scores for items a-c) (maximum possible for section = 12)** |

|  |  |
| --- | --- |
|  | **Grand Total - Add Items in the shaded area numbered 1 – 4 from above (Maximum possible = 76)** |