

# JUDGING RUBRIC FOR POSTER PRESENTATION OF STEM RESEARCH

HONORS AND RESEARCH SCHOLARS ▪ NEW YORK CITY COLLEGE OF TECHNOLOGY

SCORE	HYPOTHESIS/GOALS	EXPERIMENTAL LOGIC	RESULTS	CONCLUSIONS AND FUTURE WORK	POSTER BOARD
5	<ul style="list-style-type: none"> <li>Background information was relevant and summarized well. Connections to previous literature and broader issues were clear.</li> <li>Project had a goal or a logical hypothesis that was stated clearly and concisely; showed clear relevance.</li> <li>Broad impact beyond project clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>Excellent choice of experimental methods to address hypothesis or goal of project.</li> <li>Excellent original thinking or innovation of technique.</li> <li>Clear discussion of controls or comparative groups; all appropriate controls or comparative groups were included.</li> </ul>	<ul style="list-style-type: none"> <li>Substantial amounts of high quality data were presented sufficient to address hypothesis or goal of project.</li> <li>Presentation of data was clear, thorough and logical.</li> <li>Potential problems and alternative approaches.</li> </ul>	<ul style="list-style-type: none"> <li>Reasonable conclusions were given and strongly supported with evidence.</li> <li>Conclusion was connected to project goals or hypothesis and their relevance in a wider context was discussed.</li> </ul>	<ul style="list-style-type: none"> <li>All expected components are present, clearly laid out, and easy to follow in the absence of the presenter.</li> <li>Text is concise, free of spelling or typographical errors; background is unobtrusive.</li> <li>Figures and tables are appropriate and labeled correctly.</li> <li>Photographs/tables/graphs improve understanding and enhance visual appeal.</li> </ul>
4	<ul style="list-style-type: none"> <li>A logical hypothesis or goal was presented.</li> <li>Background information was relevant, but connections were not clear.</li> <li>Goal of project or a logical hypothesis was stated clearly, showed relevance beyond project.</li> </ul>	<ul style="list-style-type: none"> <li>Very good choice of experimental methods to address hypothesis or goal of project.</li> <li>Very good original thinking.</li> <li>Clear discussion of controls or comparative groups; most controls or comparative groups were included.</li> </ul>	<ul style="list-style-type: none"> <li>Substantial amounts of good data were presented sufficient to address the hypothesis or goal of project.</li> <li>Presentation of data was clear and logical.</li> </ul>	<ul style="list-style-type: none"> <li>Reasonable conclusions were given and supported with evidence.</li> <li>Conclusion was connected to hypothesis or project goals but their relevance was not discussed.</li> </ul>	<ul style="list-style-type: none"> <li>All components are present, but layout is crowded or confusing to follow in absence of presenter.</li> <li>Text is relatively clear, mostly free of spelling and typographical errors; background is unobtrusive.</li> <li>Most figures and tables are appropriate and labeled correctly.</li> <li>Photographs/tables/graphs improve understanding.</li> </ul>
3	<ul style="list-style-type: none"> <li>A questionable hypothesis or project goal was presented.</li> <li>Background information was relevant, but connections were not made.</li> </ul>	<ul style="list-style-type: none"> <li>Good choice of experimental methods to address hypothesis or project goal.</li> <li>Good original thinking</li> <li>Adequate discussion of controls or comparative groups; some significant controls were lacking.</li> </ul>	<ul style="list-style-type: none"> <li>Adequate amounts of reasonably good data were presented to address hypothesis or project goals.</li> <li>Presentation of data was not entirely clear.</li> </ul>	<ul style="list-style-type: none"> <li>Reasonable conclusions were given.</li> <li>Conclusions were not compared to the hypothesis or project goal and their relevance was not discussed.</li> </ul>	<ul style="list-style-type: none"> <li>Most expected components are present, but layout is confusing to follow in the absence of the presenter.</li> <li>Text is relatively clear, but some spelling and typographical errors; background may be distracting.</li> <li>Figures and tables not always related to text, or are not appropriate, or poorly labeled.</li> <li>Photographs/tables/graphs limited and do not improve understanding.</li> </ul>
2	<ul style="list-style-type: none"> <li>A questionable hypothesis was presented and was not well supported or the goal of the project was not clear.</li> </ul>	<ul style="list-style-type: none"> <li>Method not appropriate to address hypothesis or goal of project.</li> <li>No original thinking.</li> <li>Controls or comparative groups not adequately described; some controls or comparative groups missing.</li> </ul>	<ul style="list-style-type: none"> <li>Some data were lacking, not fully sufficient to address hypothesis or project goal</li> <li>Presentation of data was included, but unclear or difficult to comprehend.</li> </ul>	<ul style="list-style-type: none"> <li>Conclusions were given.</li> <li>Little connection to hypothesis or goal was apparent.</li> </ul>	<ul style="list-style-type: none"> <li>Some expected components are present, but layout is untidy and confusing to follow in the absence of the presenter.</li> <li>Text is hard to read due to font size or color, some spelling and typographical errors; background may be distracting.</li> <li>Figures and tables not related to text, or are not appropriate, or poorly labeled.</li> <li>Photographs/tables/graphs limited and do not improve understanding.</li> </ul>
1	<ul style="list-style-type: none"> <li>The hypothesis or goal was inappropriate or not stated.</li> <li>Little or no background information was included or connected.</li> </ul>	<ul style="list-style-type: none"> <li>Methods section missing.</li> <li>No original thinking.</li> <li>Serious lack of controls or discussion of controls.</li> </ul>	<ul style="list-style-type: none"> <li>Results are not yet available or reproducible.</li> <li>Presentation of data was missing.</li> </ul>	<ul style="list-style-type: none"> <li>Conclusions were missing.</li> <li>There was no connection with the hypothesis or project goal.</li> </ul>	<ul style="list-style-type: none"> <li>Some of the expected components are present, but poorly laid out and confusing to follow in the absence of the presenter.</li> <li>Text hard to read, messy and contains multiple spelling and typographical errors; very poor background.</li> <li>Figures and tables poorly done.</li> <li>Visual aids not used.</li> </ul>

Adapted from the rubric developed by the American Society for Microbiology and the Committee for the Annual Biomedical Research Conference for Minority Students (ABRCMS).

# JUDGING RUBRIC FOR POSTER PRESENTATION OF NON-STEM RESEARCH

HONORS AND RESEARCH SCHOLARS ▪ NEW YORK CITY COLLEGE OF TECHNOLOGY

SCORE	ORGANIZATION OF CONTENT	SCHOLARLY PRESENTATION	SCHOLARLY KNOWLEDGE	CLARITY OF INFORMATION PRESENTED	POSTER BOARD
<b>5</b>	<ul style="list-style-type: none"> <li>• Components and content are easy to identify/find and follow.</li> <li>• Contents are appropriate and logically organized.</li> </ul>	<ul style="list-style-type: none"> <li>• Reflects a scholarly presentation.</li> <li>• Includes component common to scholarly presentations in the discipline (i.e., abstract, research question, review of the literature, methods, results, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Content includes scholarly knowledge (theory and/or research).</li> <li>• Reports on original research conducted by the student(s).</li> </ul>	<ul style="list-style-type: none"> <li>• Information is presented clearly and concisely (e.g., effectively synthesizes scholarly knowledge and summarizes results of the research project).</li> <li>• Provides a clear picture of the pragmatics of the topic/project.</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation is neat and professional in appearance.</li> <li>• Colors coordinate.</li> <li>• Fonts are uniform and are easy to read.</li> <li>• Title is large and easy to read.</li> </ul>
<b>3-4</b>	<ul style="list-style-type: none"> <li>• Most components and content can be found, but they are not clearly identified and/or not logically organized.</li> </ul>	<ul style="list-style-type: none"> <li>• Poster contains some elements of a scholarly presentation, but does not consistently reflect a scholarly approach to presenting content throughout.</li> </ul>	<ul style="list-style-type: none"> <li>• Content reflects scholarly knowledge (theory and/or research), but no original research conducted by the student(s).</li> </ul>	<ul style="list-style-type: none"> <li>• Some lack of clarity.</li> <li>• Some connections may be unclear.</li> <li>• Some information not presented concisely (e.g., presents raw data or output rather than summarizing results succinctly).</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation is neat in appearance but lacks professional polish.</li> <li>• Colors may coordinate, but still distract.</li> <li>• Fonts may not all match.</li> <li>• Title not quite large enough and/or text slightly too large or too small.</li> </ul>
<b>1-2</b>	<ul style="list-style-type: none"> <li>• Poster lacks a clear organization.</li> <li>• Components and content are difficult to identify and find.</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation may be informational or educational, and may be creative or appealing, but it does not reflect a scholarly presentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Content may report information but includes little or no scholarly knowledge (theory and/or research).</li> <li>• Includes no original research by student(s).</li> </ul>	<ul style="list-style-type: none"> <li>• Fails to convey key ideas.</li> <li>• Information does not clearly convey the pragmatics of the topic/project.</li> </ul>	<ul style="list-style-type: none"> <li>• Presentation is neither neat nor professional looking.</li> <li>• Colors may not coordinate or may distract from content.</li> <li>• Title and/or font in text are too small.</li> <li>• Font types and/or margins are not uniform.</li> </ul>