

## 17<sup>th</sup> Annual Environmental Chemistry and Microbiology Student Symposium (ECMSS) Judging Instructions

Thank you for participating as a judge in the Environmental Chemistry and Microbiology Student Symposium (ECMSS). Please print your full name in the upper right corner of the Judging Form. When judging the presentation, please score each category from 0 (minimum score) to 10 (maximum score) by circling the appropriate number in the right column and include any notes or comments in the middle column. Your name and the scores appearing to the right of the dashed line will be confidential. The notes and comments appearing to the left of the dashed line are for the benefit of the presenter and will be released upon request.

The judging criteria were conceived in order to fairly evaluate presenters at all stages of research. Each presenter, including those at an early stage of research, is intended to have an equal opportunity to achieve the highest score in each category. The Judging Form is divided into the following categories:

### **Background/Introduction**

Presenters should clearly state the motivation of their research and its significance to their field of study. The level of background information should be appropriate to the audience and communicate the essence of the project.

### **Problem/Objectives**

Presenters should clearly state their specific research problem and objectives. The problem and objectives should constitute a novel approach based on the background information.

### **Methods**

Presenters should clearly and concisely describe the research methods used in their study at a technical level appropriate to the audience. The methods should appropriately address the research problem and objectives.

### **Results**

Presenters should organize their results into a visual format that is easily readable and understandable to the audience. The presentation should balance completeness and conciseness and clearly indicate how the results were processed.

### **Discussion**

Presenters should clearly interpret their results with respect to their research problem and objectives. The level of interpretation should be meaningfully based on the results and indicate scientific thought.

### **Conclusions**

Presenters should clearly state their conclusions and suggest appropriate directions for future research. The conclusions and directions should be based on the application of the results and interpretations to the research problem and objectives.

### **Presentation: Organization**

The slideshow or poster presentation should be well organized and easy to follow. The fonts and images should be clear and easy to read.

### **Presentation: Communication**

The material presented within the slideshow or poster presentation should be at a level of technical detail appropriate to the audience. The style of the presentation should be engaging and the content should be interesting. Speakers should make a good impression including voice, poise, eye contact.

<b>Environmental Chemistry and Microbiology Student Symposium (ECMSS)</b> <b>Judging Form</b>		← For Presenter	Confidential →
Presenter's Name:  Status:  Session:		Judge's Name:	
Judging Category	Notes/Comments	Minimum	Score Average Maximum
<b>Background/Introduction</b> <ul style="list-style-type: none"> <li>Motivation and significance clearly stated?</li> <li>Appropriate level of information?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Problem/Objectives</b> <ul style="list-style-type: none"> <li>Problem and objectives clearly stated?</li> <li>Novel approach?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Methods</b> <ul style="list-style-type: none"> <li>Methods clearly and concisely described?</li> <li>Methods appropriate to problem?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Results</b> <ul style="list-style-type: none"> <li>Results clearly presented?</li> <li>Processing of results clearly described?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Discussion</b> <ul style="list-style-type: none"> <li>Results clearly interpreted?</li> <li>Meaningful level of interpretation?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Conclusions</b> <ul style="list-style-type: none"> <li>Appropriate conclusions based on results?</li> <li>Appropriate directions for future research?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Presentation: Organization</b> <ul style="list-style-type: none"> <li>Well organized and easy to follow?</li> <li>Fonts and images easy to read?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Presentation: Communication</b> <ul style="list-style-type: none"> <li>Appropriate technical detail for audience?</li> <li>Engaging style? Interesting content?</li> <li>Make a favorable impression?</li> </ul>		0	1 2 3 4 5 6 7 8 9 10
<b>Additional Notes/Comments</b>			
		← For Presenter	Confidential →