

# **Instructions and Judging Criteria for the 2016**

## **UAA Student Virtual Poster Contest**

### **Content**

The poster should have the same major sections as a paper including Abstract, Introduction, Methods, Results, and Discussion. Faculty advisors or mentors are required and should be clearly credited as such in the poster, but separate from the student authors.

### **Abstract**

Abstracts must be at least 80 words, but preferably between 150 – 250 words and must effectively summarize the research project including specific results.

### **Introduction**

The introduction must provide sufficient background material for the audience to understand the goal of the research project and its value and importance in the context of the field. At the end of this section the audience should be able to understand why the researcher studied this problem and what questions the researcher aimed to answer.

### **Methods**

The methods section should provide an overview of the techniques used in the project and the approach taken by the researcher. The detail of the techniques used should be limited, with the focus more on the approach taken and why that approach is the most appropriate for the questions being asked by the research project.

### **Results**

Data with statistics should be presented in easily understood tables, graphs and/or images. Text should explain what data appear in which tables/graphs/images and which experiments generated which data.

### **Discussion**

Interpretation of the data and conclusions made from the data should be presented in the discussion. A few short statements stating what the researcher concluded, why they arrived at those conclusions, and the importance of the conclusions, should be included.

### **Format**

Posters should be created in PowerPoint as a single LANDSCAPE (horizontal) poster-sized slide. PowerPoint poster templates are readily available online. Examples of successful student posters from

past Conferences can be found on the UAA website at

[http://www.imis100us1.com/UAA/UAAMain/For\\_Students/Student\\_Posters/2015\\_Entries.aspx](http://www.imis100us1.com/UAA/UAAMain/For_Students/Student_Posters/2015_Entries.aspx)

### **Submission:**

*Abstracts* should be sent to the Chair of the Professional Development Committee: Prof. John Young at [jpy@purdue.edu](mailto:jpy@purdue.edu) by **February 1, 2016**. *Final* accepted posters should be e-mailed to the UAA office at [david.mcalister@uaa.aero](mailto:david.mcalister@uaa.aero) by **May 31, 2016**. **Please note:** the emails to which posters are attached must contain the full individual postal addresses of all authors. These addresses will be used to mail certificates to all participants and cash awards to the winners.

### **Judging**

Representatives of the Professional Development Committee will judge the posters for content and presentation to determine award winners. Judging criteria will be as follows:

- The objectives of the project were clearly stated.
- The key ideas were clearly explained.
- The student demonstrated an understanding of the current state of the research regarding this problem.
- The correct research methodology was chosen to investigate the research questions.
- The conclusions were warranted by the data.
- The technical and conceptual difficulty of the project were appropriate.
- The student used technical terminology appropriately.
- The poster was neat, organized, and attractive.
- The student demonstrated a mastery of relevant concepts.