KAS Research Competition Judges Scoring Form

Student(s):

Project Title:  
Poster # / Presentation time:  

Institution:  
Section:  

Judge:  
Institution:  

I. Creative Ability (30 points maximum)  
   a. Does the project show creative ability and originality in:
      i. The question asked?  
      ii. The solution approach?  
      iii. The analysis and interpretation of data?  
      iv. The use of equipment?  
   b. Does the research support a larger research program?  
   c. Are the methods used efficient and reliable for solving the problem?

II. Scientific Thought (30 points maximum)  
   a. Is the problem stated clearly and unambiguously?  
   b. Was the problem sufficiently limited to allow a plausible attack?  
   c. Was there a clear plan for obtaining a solution?  
   d. Are the variables clearly recognized and defined?  
   e. If controls are necessary, was this recognized and were they appropriately used?  
   f. Are there adequate data to support the conclusions?  
   g. Does the student recognize limitations of the data?  
   h. Does the student understand the project’s connection to related research?  
   i. Does the student have an idea of future research related to the problem?

III. Thoroughness (15 points maximum)  
   a. Was the project completed within the scope of the original intent?  
   b. How completely was the problem solved?  
   c. Were sufficient replications of experiments carried out?  
   d. Is the student aware of other approaches or theories?  
   e. Is the student familiar with the scientific literature on the project?

IV. Skill (15 points maximum)  
   a. Does the student have the required laboratory, computational, observational, and design skill to have obtained the supporting data?  
   b. Did the student make full use of all facilities that were available to carry out the project?  
   c. Did the student design any of the equipment used?

V. Clarity (10 points maximum)  
   a. How clearly does the student discuss the project and explain the purpose, procedure, and conclusions?  
   b. Are the steps of the project presented in an orderly manner?  
   c. Are the data, results, and conclusions clearly presented?

VI. Total (100 points maximum)  

Notes (Return form to Melony Stambaugh if you would like feedback to be given to this student):