

Competition for USA Science & Engineering Festival: Rules and Guidance

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Objective:

Develop a hands-on activity/display for the ASA booth at the USA Science & Engineering Festival that

- i. Demonstrates statistics concept(s)
- ii. Generates excitement about statistics
- iii. Emphasizes statistics as a science

Prizes*

- i. Grand Prize: \$750 plus travel and board for two people to USA Science & Engineering Festival (from within continental U.S.)
- ii. Two Gold Medal Prizes: \$500

Eligibility and Entry Dates

- i. Eligibility: ASA Members, K-16 teachers, and students (K-12, undergraduate, graduate)
- ii. Entries due April 15, 2010
- iii. The competition will be conducted in two rounds. After the first round of judging, semifinalists will be selected and provided guidance for their final entry, due June 1, 2010.
- iv. Winners will be announced June 30, 2010.

To Enter

- i. Participants are expected to have working models of their entries.
- ii. For initial entries, submit a written description of the activity to HandsOnStatistics@amstat.org. Videos will be accepted with written entry but not required. Please no submission of working models.
- iii. Semifinalists will be required to accompany the written description of their revised entry with a video posted to youtube.com demonstrating the activity. (Videos for initial entries will be accepted.)
- iv. Grand prize and gold medal winners will be expected to ship their activity/display in festival quality to ASA for use in the festival. Grand prize winner(s) will be expected to demonstrate the activity at the ASA booth during the festival four hours each day.

Judging

- i. Entries will be judged on the following:

* ASA reserves the right to present fewer awards should best entries not be of sufficient quality for the festival.

- a. Interactive/hands-on
 - b. Visual appeal
 - c. Daily utility of statistics
 - d. Accessibility of material to audience
- ii. Judging will be done by panel of 5 to include four ASA member experts on statistics outreach and one ASA staff member.

Further Guidance

- i. Primary Festival audience are K-12 students; ASA recommends a focus on middle school students
- ii. Electricity will be available at the booth but not necessarily internet
- iii. Any questions can be directed to ASA Staff, Steve Pierson: pierson@amstat.org or 703.302.1841.

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