

# ASA Announces 2009 National K-12 Poster and Project Winners

***Submission deadline for the 2010 competitions is April 1 for the K–12 posters and grade 4–6 and 7–9 projects; projects for grades 10–12 are due May 30.***

***[Note to editors: The complete list of national winners follows the text of this news release; a link to photos of the winning posters is in the release.]***

**ALEXANDRIA, VA (PRWEB), SEPTEMBER 23, 2009** – The American Statistical Association, (ASA), the nation's preeminent professional statistical society, today announced the national winners of its annual statistics poster and project competition for K-12 students. The winning entries were displayed at The Joint Statistical Meetings in Washington in August. The ASA Poster and Project competitions are coordinated by the ASA/NCTM Joint Committee on Curriculum in Statistics and Probability and the ASA Center for Statistics Education. ASA also announced information for teachers about the 2010 poster and project competitions.

## **Poster competition**

Winning posters, many of which were chosen via regional competitions throughout the country, were selected in four grade level categories: K-3, 4-6, 7-9, and 10-12. The Washington Statistical Society, ASA's largest chapter, judged all entries not submitted via regional competitions and determined which entries to send to the national judging. Judges selected the winners based on overall impact, clarity of poster message, appropriateness of graphics, originality and creativity, and technical details.

The poster competition, now in its 20<sup>th</sup> year, encourages students to discover the usefulness of displaying data in creative ways. Students work individually or in teams to create a poster that tells a statistical story visually and to illustrate conclusions that can be drawn from data.

## **Project competition**

For the Project Competition, students in grades 4–12 posed a question, designed a study to answer the question, collected and analyzed data, answered the question using the results of the analysis, and then reviewed what went well and what areas could be improved. A short write-up of the activity, generally fewer than 10 pages, was submitted to the competition. Each project is read by at least one teacher of grades 6–12 and at least one college-level statistician. Top projects are read and discussed by all judges for a particular grade category, and differences in scoring are discussed until the group of judges reaches a consensus. Judging focused on the design, analysis, conclusions, and reflection of the project, as these affected the students' ability to answer the question being asked.

First place winners received \$200, a plaque, a plaque for their school, and a grade-appropriate graphing calculator from Texas Instruments for the students and advisor. Second place winners received \$100 and a plaque; third-place winners received \$50 and a plaque; and honorable mentions received certificates.

## **Winners online**

The winning posters and projects, along with the judging rubrics and the project judges' comments on the strengths and weaknesses of each, may be viewed on the ASA web site at:

<http://www.amstat.org/education/posterprojects/2009posters.cfm>.

## **2010 Competition Entries**

Teachers and students are encouraged to submit posters and/or projects for the 2010 competitions. K–12 posters and grades 4–6 and 7–9 projects are due April 1. Projects for grades 10–12 are due on May 30. The entry rules and evaluation methods for the poster and project competitions, as well as entry forms, can be accessed on the ASA web site at

<http://www.amstat.org/education/posterprojects/index.cfm>. For more information, contact Rebecca Nichols, ASA, 732 N. Washington St., Alexandria, VA 22314-1943; [rebecca@amstat.org](mailto:rebecca@amstat.org); (703) 684-1221, ext. 1877.

## **About the American Statistical Association**

The American Statistical Association (ASA), a scientific and educational society founded in Boston in 1839, is the second oldest continuously operating professional society in the United States. For 170 years, ASA has been providing its 18,000 members serving in academia, government, and industry and the public with up-to-date, useful information about statistics. The ASA has a proud tradition of service to statisticians, quantitative scientists, and users of statistics across a wealth of academic areas and applications. For additional information about the American Statistical Association, please visit the association's web site at <http://www.amstat.org> or call 703.684.1221.

**For more information:**

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## 2009 Statistics Poster Winners

### Grades K-3

**First Place:** Mrs. Latimer's third-grade class of 2009, *Volcanoes! An Eruption of Statistics*, Miramar Ranch Elementary School, San Diego, California

**Second Place:** Hunter Waswick, *The Fastest Way to Melt Butter*, Waswick Family Home School, Hamilton, Michigan

**Third Place:** Timothy Crowley and Trey Crowley, *Are the Hawk Mountain Raptor Populations in Trouble?*, Homeschool, Bernville, Pennsylvania

**Honorable Mentions:**

1. Madeline Paciorek, *Olympic Gymnastics Medal Count*, Thornapple Elementary School, Grand Rapids, Michigan
2. Class of Julie Bernt, *Red, Yellow, Green ... What Colors Are Our Jellybeans?*, Eileen Conners Elementary School, Las Vegas, Nevada

### Grades 4-6

**First Place:** Maya Lannen, Caroline Yapp, Lily Krone, and Hannah Lane-Davies, *Draw-A-Scientist*, Kazoo School, Kalamazoo, Michigan

**Second Place:** Michael Schiavello, *Was It a Good Move?*, St. Aloysius Academy, Bryn Mawr, Pennsylvania

**Third Place:** Lauren Hayes, *Presidential Pets*, Westtown Thornbury Elementary School, West Chester, Pennsylvania

**Honorable Mentions:**

1. Grant Teeple, *What Are You Searching for?*, Peach Plains Elementary, Grand Haven, Michigan
2. John Crum, Lizzy McChessney, and Jeromy Smith, *Homework Reinforcement*, Frankstown Elementary School, Hollidaysburg, Pennsylvania
3. Will Greene, Clifton Jeffery, and Ethan Craigo, *Tall Kid = Big Hands???*, Conners Emerson School, Bar Harbor, Maine

### Grades 7-9

**First Place:** Sarah Jesse, *Do Teen Magazines Need a Makeover?*, St. Joseph Academy, Cleveland, Ohio

**Second Place:** David Tracz, *Oh! My Aching Back-Pack*, St. Aloysius Academy, Bryn Mawr, Pennsylvania

**Third Place:** Bayli Zimmerman, *A Hair-Raising Experiment*, Saltsburg Middle/High School, Saltsburg, Pennsylvania

**Honorable Mention:**

1. Emily Hrancook, *Swearing Habits of Middle-School Students*, L'Anse Creuse Middle School Central, Harrison Township, Michigan

2. Jane Hung, Connie Long, Hannah Kenagy, and Lekha Grandhi, *How Does Optimism Affect Use of Common Sense?*, Half Hollow Hills High School East, Dix Hills, New York

**Grades 10-12**

**First Place:** George Lu, *What Makes a Senator Successful?*, Crystal Springs Uplands School, Millbrae, California

**Second Place:** Brenna Liponis, *Males vs. Females: Why Are Males Paid More Than Females?*, Phillips Academy, Andover, Massachusetts

**Third Place:** Palak Thakore, *Are Boys and Girls Equally Healthy?*, Stratford High School, Goose Creek, South Carolina

**Honorable Mention:** Saju Varghese, *Global Warning*, Advanced Technologies Academy High School, Las Vegas, Nevada

**2009 Statistics Project Winners**

**Grades 4 to 6**

**First Place:** Teja Nikhil Peddada, *Cleaning Oil Spills*, Washington GT Magnet Elementary School, Raleigh, North Carolina

**Second Place:** Nisanth Jayram, *California's Rolling Stop: Fact or Fiction? A Statistical Study*, Sravani Academy, Morgan Hill, California

**Grades 7 to 9**

**Second Place:** Christoffer Crowley, *For Better or for Worse ... The Pythagorean Win Theorem*, Homeschool, Bernville, Pennsylvania

**Grades 10 to 12**

**First Place (tie):**

Samuel L. Carson, *Examining the Accuracy of the Windows XP Installation Time Prediction and How to Improve It*, Scripps Ranch High School, San Diego, California

and

Matthew Adelman, Daniel Hemmendinger, and Brian Stellingwerf, *The Wikipedia Game Experiment*, West Morris Mendham High School, Mendham, New Jersey

**Second Place:** Laura K. Neiditch, *The Association Among Etiquette and Gender*, Oakton High School, Vienna, Virginia

**Third Place:** Olivia Lewis, *Is It Double the Stuff?*, Salem Academy, Winston-Salem, North Carolina