

SCIENCE BUDDIES in Action



Student

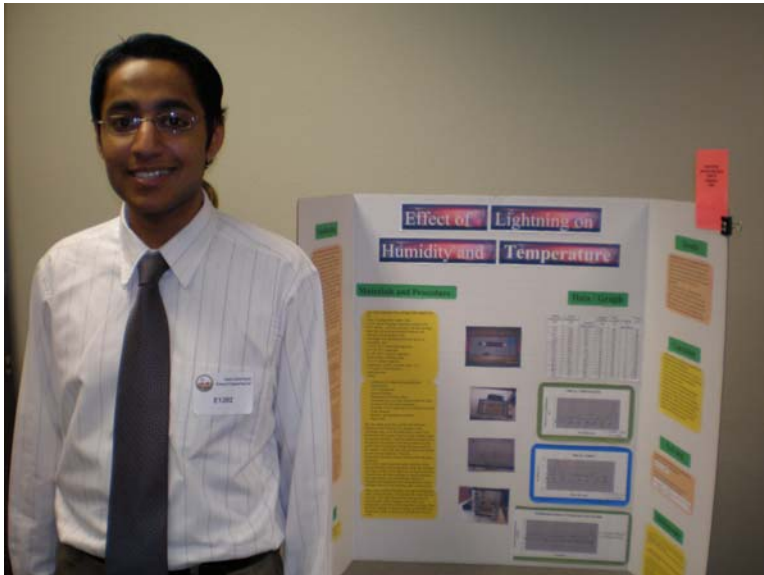
Faisal Rehman
Antioch, California

Awards

American Meteorological Society, Best Meteorological Project Award
Contra Costa County Science and Engineering Fair, 4th Place Category Award

Overview

High school senior Faisal Rehman was enrolled in a science research course that required him to produce a public outreach project. He decided to fulfill that requirement by entering a science fair project in the regional Contra Costa County Science and Engineering Fair. His research teacher recommended that he look into the resources on the Science Buddies website.



Using the Topic Selection Wizard, Faisal discovered a number of projects involving electric sparks. His interest in complicated engineering projects led him to develop his own project idea based on those he found using the TSW. He called his project idea “Create Your Own Spark, and Determine the Effect of Lightning on Humidity and Temperature.” Faisal’s project tested the correlation of lightning with atmospheric conditions using sparks in a controlled apparatus.

With hard work, help from his teachers, and Science Buddies’ resources, Faisal conducted his experiment and exhibited it at the regional fair in the “Engineering” category. He was awarded 4th Place among engineering projects, and received the Best Meteorological Project Award from the American Meteorological Society, which included a cash prize of \$100.

In addition to his interest in engineering, Faisal also enjoys studying medical science. He will be attending U.C. Berkeley in the fall, majoring in molecular biology, with a minor in mathematics. Afterwards, he plans on applying to medical school. In his free time, Faisal studies medical textbooks and volunteers online, giving medical advice to others in his community. He also enjoys swimming, going to the gym, and playing tennis. At his high school, he was a member of the tennis team and Vice President of the California Scholarship Federation.