

**California Science Center**  
**CALIFORNIA STATE SCIENCE FAIR**  
Major Fair Awards – 2011

**Patricia Beckman Project of the Year Awards, given in honor of Dr. & Mrs. Arnold O. Beckman**

\$15,000 in awards: \$10,000 to the Senior Division, \$5,000 to the Junior Division

**Senior Division:** S0912, Jessica A. Richeri  
Grade 12, Centennial High School, Corona, Riverside County  
Advisor: Mr. Sunny Kaura  
Project: Autonomous Robotic Vehicle's Guide to Eliminate the Traffic Problem

**Junior Division:** J0525, Steven M. Wang  
Grade 8, Harker (The) School, San Jose, Santa Clara County  
Advisor: Dr. Ronald Birrell  
Project: Nanophotothermalysis: IPL Treatment with Targeted AuNP for Colorectal Cancer Therapy Modeled by Monte Carlo Simulations

**California State Science Fair Student of the Year**

S1420, Jonathan F. Li  
Grade 12, St. Margaret's Episcopal School, San Juan Capistrano, Orange County  
Advisor: Dr. John Lowengrub  
Project: Effects of Cell Compressibility, Motility, and Contact Inhibition on the Growth of Tumor Cell Clusters

**California State Science Fair Teachers of the Year**

<b>Junior Division:</b>	<b>Senior Division:</b>
Cassandra de Wood	Diana Herrington
Tom Hawkins Elementary School	Clovis High School
Tracy, San Joaquin County	Clovis, Fresno County