

2004 INTERNATIONAL SCIENCE AND ENGINEERING FAIR

Awards won by San Diego students

AARON SARGENT GOLDIN, 16, San Dieguito High School Academy, Encinitas, California

Project: Autonomous Gyroscopic Ocean-Wave-Powered Generator: Invention of a New Energy Conversion Technology

1) Ashtavadhani Vidwan Ambati Subbaraya Chetty (AVASC) Foundation

For projects that display outstanding creativity, ingenuity and have the potential to alleviate the human condition or mark a substantive advance in the scientific field.

Second Award of \$500 U.S. Savings Bond

2) Drexel University

For projects in the categories of computer science, engineering and medicine and health

Tuition scholarship of \$105,000

3) GE

For projects that demonstrate originality in specifying a research problem or defining an engineering project; as well as creativity in executing the project and utilizing engineering principles/methods to solve the problem

Second Award of \$500

4) U.S. Coast Guard

For projects that relate to boating and water safety

First Award of \$5,000

5) Grand Award:

First Place Award of \$3,000 -- Engineering

TARANG LUTHRA, 16, Torrey Pines High School, San Diego, California

Project: Adaptive Interference Rejection in Wireless Networking

1) Drexel University

For projects in the categories of computer science, engineering and medicine and health.

Tuition scholarship of \$105,000

2) Linfield College

Awarded to selected finalists in the general areas of biology, chemistry, computer science and physics

\$5,000 scholarship, renewable for four academic years,

3) Grand Award: Fourth Place Award of \$500 – Computer Science

Edith Adriana Pierre-Jerome, 17, Mount Miguel High School, Spring Valley, California

Project : The Role of Brassinosteroids in Root-Cell Differentiation in *Arabidopsis thaliana*

1) Grand Award: Third Place Award of \$1,000 -- Biochemistry