

Special Awards Scholarships/Internship Opportunity Awards Category Place Award Sponsorships



55th Annual State Science and Engineering Fair of Florida

April 7-9, 2010

Orange County Convention Center, Orlando

www.floridassef.net

Description

The Awards Program is a vital component of the State Science and Engineering Fair (SSEF) of Florida. These awards recognize talented youth for their dedication and commitment to scientific research and inspire young people by giving them confidence in their abilities and encouraging their study of science.

The Awards Program depends on the generosity of Donors. Donors include individuals at the local, state, and national levels from businesses, industry, institutions, government agencies, and scientific professional organizations.

The Florida Foundation for Future Scientists (FFFS), which administers the SSEF, recognizes all Awards Donors through statewide news media, FFFS newsletters, the SSEF Website and Program Book, and other FFFS publications with wide distribution throughout Florida.

Donation Process

To donate Awards simply complete the forms provided in this packet. The actual award(s) or Funds must be received by **February 1st, 2010**.

It is important for Donors to **give detailed specifications for each Award**, such as whether it should be designated for a project in the Senior Section (Grades 9-12), or the Junior Section (Grades 6-8). Donors are also asked to specify whether their award should go to a student whose project is in a particular Category or subject area. Detailed information on the various Categories is enclosed.

Donors may also request that their award be used wherever needed (FFFS discretionary). This allows the FFFS to maintain a balance of awards in each Category. Please note: Awards cannot be restricted to a project from a particular Regional Science and Engineering Fair. Donors are encouraged to attend the SSEF and judge their own awards.

Awards and Category Sponsorships

SPECIAL AWARDS may be cash awards, plaques, science related gifts, grants, and much more. Keep in mind that students have already competed at two other levels before being selected for the SSEF competition so the award should recognize both dedication and excellence to science research at a higher level.

If the Donor chooses to give a cash award and stipulates that it be used toward the winner's college education, the FFFS will list it as a **SCHOLARSHIP AWARD**.

Summer employment and internship offers are listed as **INTERNSHIP/OPPORTUNITY AWARDS**.

A **CATEGORY SPONSOR** provides funding that supports the plaques and ribbons for Place Awards (judged by our Category Judging Teams) in a chosen category for both the Junior and Senior Section. In addition, these funds will provide a Cash Award to each First Place Winner in both Sections (\$200 each). The total cost for sponsoring a specific category is \$1,000 (Teams Category is \$1,600). The Category Sponsor's name will be engraved on the plaques given to the Place Award winners in the specific category. The Category Sponsor is also invited to send a representative to attend the Grand Awards Ceremony to participate in presenting the Place Awards.

For more information on Awards, contact Nancy Besley (nancy.besley@ocps.net)

The annual SSEF is administered by the FFFS at the University for Central Florida. Inquiries about the SSEF may be made by contacting:

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The FFFS is dedicated to the promotion of excellence in science and engineering education. The FFFS is designated as a 501(c)(3) non-profit organization by the Internal Revenue Service #59-6155014.

State Science and Engineering Fair Structure

The SSEF structure will help Donors select their award criteria. Each project at the SSEF is assigned to one of these Categories. Projects are further divided into two divisions: Biological Sciences and Physical Sciences, with the following fourteen Categories:

CLARIFICATION OF CATEGORIES

Behavioral and Social Sciences

Clinical & Developmental
Psychology
Cognitive Psychology
Physiological Psychology
Sociology
Anthropology
Archeology
Animal Behavior
Urban Problems
Other

Biochemistry

General Biochemistry
Metabolism
Structural Biochemistry
Molecular Biology
Other

Botany

Agriculture/Agronomy
Development
Ecology
Genetics
Plant Physiology (molecular, Cellular, organismal)

Chemistry

General/ Analytical Chemistry
Inorganic/ Organic Chemistry
Physical Chemistry
Other

Computer Science

Algorithms, Data Bases
Artificial Intelligence
Networking/ Communications
Computational Science, Computer Graphics
Software Engineering, Programming Languages
Computer System, Operating System
Other

Earth and Planetary Science

Climatology, Weather
Geochemistry, Mineralogy
Paleontology
Geophysics
Planetary Science
Tectonics
Other

Engineering

Electrical, Computer, Controls
Mechanical
Robotics
Thermodynamics, Solar
Bioengineering
Civil, Construction
Chemical
Industrial, Processing
Material Science
Aerospace, Aeronautical, Aerodynamics
Alternative Fuels
Fossil Fuel
Vehicle Development
Renewable Energies

Environmental Science

Bioremediation
Ecosystems Management
Environmental Engineering
Land Resource Management, Forestry
Recycling, Waste Management
Air Pollution and Air Quality
Soil Contamination and Soil Quality
Water Pollution and Water Quality
Other

Mathematics

Algebra
Analysis
Applied Mathematics
Geometry
Probability and Statistics
Other

Medicine and Health Sciences

Disease Diagnosis and Treatment
Epidemiology
Genetics
Molecular Biology of Diseases
Physiology and Pathophysiology
Other

Microbiology

Antibiotics, Antimicrobials
Bacteriology
Microbial Genetics
Virology
Other

Physics & Astronomy

Atoms, Molecules, Solids
Astronomy
Biological Physics
Instrumentation and Electronics
Magnetics and Electromagnetics
Nuclear and Particle Physics
Optics, Lasers, Masers
Theoretical Physics, Theoretical or Computational Astronomy
Other

Zoology

Animal Development
Ecology
Animal History
Pathology
Physiology
Population Genetics
Systematics
Other

Team Projects

Multidisciplinary research done by Teams of 2 or 3 students. Final work should reflect the coordinated efforts of all Team Members .