



Florida Junior Academy of Science and Florida Science Talent Search

A Division of the Florida Academy of Sciences
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Welcome 2006-2007 members!

The Florida Junior Academy of Science (FJAS) welcomes you to our organization. We hope that 2006-2007 will be a good year for both you and FJAS. Many opportunities are available to students conducting scientific research. Below are deadlines of a few of the many competitions and events:

- Nov. 15 - entries due for Intel Science Talent Search (12th graders only)
 - Jan. 31 - research papers due for FJAS preliminary competition
 - Feb. 4-6 - Florida Junior Science Engineering & Humanities Symposium* at University of Florida in Gainesville
 - Feb 15-19 - American Junior Academy of Science San Francisco, California
 - Mar. 17 - FJAS* and Science Talent Search competitions at USF in St Petersburg
 - Apr. 11-13 - State Science & Engineering Fair of Florida* in Ft Myers
 - May 13-19 - Intel International Science & Engineering Fair* in Albuquerque NM
- *Students winning at these competitions may win trips to national or international events

Congratulations to AJAS Winner

Each year 11th graders that win at FJAS are offered the opportunity to apply to present their research at the American Junior Academy of Science and the annual AAAS meeting. This year Francisco Alvarez of Pine Crest was selected to spend Feb. 15-19 in San Francisco California and share his research with scientists and peers from around the country.

Florida Junior Academy of Science

FJAS offers you another opportunity to compete at the state level with the SAME scientific research. FJAS and the State Science Fair (SSEF) have similarities and differences.

Similarities of FJAS and SSEF:

- Students must use ISEF forms and obtain appropriate approvals PRIOR to experimentation
- Students compete with their peers in Junior and Senior divisions
- Students are judged by university professors and scientists in the field

Differences between FJAS and SSEF: At FJAS

- Only FJAS members can compete
- Literary research is a category
- Only individual research is presented
- Abstract is shorter and lay language - this is a common mistake and reduces points
- Research papers are submitted for a preliminary judging instead of competing at a regional fair

- Ten to 12 students are selected to compete in each session at the state competition
- Oral presentations are given with Power points, transparencies, or other visual aids **not** a board
- Sessions may combine related categories based on the number of entries
- Seniors may also compete in Florida Science Talent Search at the same time
- Student observers are welcome

Check the website for the news and more - www.floridaacademyofsciences.org/fjas.htm

The Choice is Yours - Experimental or Literary?

Experimental research allows the student to test a hypothesis and draw conclusions using their data while following the Scientific method. Literary research allows the student to thoroughly investigate an area where experimentation is impossible due to costs, regulations, ethics or moral grounds, or the impracticality of experimental design.

Experimental research offers more opportunities to compete. See an extended list of competitions on the website: www.floridaacademyofsciences.org/fjas.htm

Guidelines for the two types of papers are available online at the FJAS website - See the "Paper Instructions" link

For Seniors Only - Florida Science Talent Search

Seniors who conduct experimental research can compete in both FJAS and Talent Search at the March meeting. Through Talent Search, outstanding Seniors are recognized for their hard work throughout their high school career. Two seniors will win trips to the **National Youth Science Camp** (NYSC) in West Virginia. Others will win scholarships, AAAS memberships and plaques. To compete in Talent Search and FJAS, two entry forms must be completed PRIOR to submitting papers for Jan. 31st deadline. A transcript, resume of activities and awards must be attached to the Talent Search entry form and must be mailed.

At the March meeting a registration fee of \$5 is required along with an interview with the Talent Search Coordinator.

**You can't win if you don't compete
You can't compete if you don't get to work!
Don't delay what you can do today!**

FJAS Members Win More at SSEF

For the 9th year, FJAS members who competed at both FJAS and SSEF won significantly more awards at SSEF. It is not just the quantity of awards, proportionally, but the quality. FJAS competitors won significantly more First and Second Place awards. Help yourself win more by competing in FJAS.

Submission of papers - Jan 31 deadline

Last year the submission of papers online went well for most students. Papers will be accepted by mail also. No matter the method the papers **MUST** be received by January 31. Because of the change in the method of submitting entries - ISEF forms will not need to be submitted with the

papers. It is expected that all experimental research submitted to FJAS and FSTS were reviewed PRIOR to experimentation following the guidelines of the Intel ISEF. These rules are available at www.sciserv.org/isef/document/index.asp

The state rules are more restrictive in requiring SRC approval for all projects under the Hazardous Chemical, Activities, and Devices PRIOR to experimentation.

Hope to see you at the University of South Florida in Saint Petersburg on March 17, 2007

The tentative schedule is:

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| 9 AM | Registration |
| 9:45 AM | Welcome |
| 10 AM | Presentations and TS Interviews |
| 1 PM | Lunch on own - Visit campus |
| 2:30 PM | Business Meeting and Awards Ceremony |

Hotel information will be posted in the Call for Abstracts on the FAS website.
www.floridaacademyofsciences.org