



# Florida Junior Academy of Science and Florida Science Talent Search

A Division of the Florida Academy of Sciences

Volume 22, No. 2

Winter 2003

## Call for Research Papers

All FJAS members are invited to submit their scientific or literary research papers to the preliminary FJAS competition. Because many students competing with experimental papers will also be competing in Regional and State Science & Engineering Fairs, it is imperative that requirements for these competitions be met.

All experimentation **MUST** have been:

- approved prior to data collection as documented on appropriate ISEF forms
- conducted since January 1, 2003

To submit a research paper for competition:

- Complete FJAS Competition Entry Form
- Experimental papers **MUST** follow the scientific method, the APA format is suggested but not required\* and photocopies of **ISEF FORMS** 1, 1A, 1B, 1C, 2, 3, 4, 5, 6, and or 7 **MUST** be submitted with the paper or the paper will **NOT** be considered - Please note: The attachment or MSDS does not need to be sent
- Literary papers **MUST NOT** discuss any data collected by the student, only published data may be presented for discussion and analysis\*

\* See the instruction sheets sent with the Fall newsletter for guidelines to writing the papers or check out the instructions online at Junior Academy pages of [www.floridaacademyofsciences.org](http://www.floridaacademyofsciences.org)

- Submit papers to your sponsor in time so they can be sent to Pat Zalo and be received by **January 31<sup>st</sup> - late papers will not be judged**

## Mailing the Research Papers

The papers should be mailed early enough to be received by January 31<sup>st</sup>. February 1<sup>st</sup> is a Sunday and the papers will be delivered or express mailed to the preliminary judges on February 1<sup>st</sup>. So **ALL** papers must be received on January 31<sup>st</sup>.

Packages should **NOT** be sent in ways that require a signature for delivery. Often, no one is home when these deliveries are attempted and the item can not be left. This even happened to a package that the sender had requested the signature requirement be waived.. It is best to mail early than spend a lot of money for overnight deliveries.

All papers should be sent to:

Pat Zalo, FJAS Coordinator

2812 26<sup>th</sup> Avenue Dr W  
Bradenton FL 34205-3707

### Talent Search Entries

Only students graduating in May or December of 2004 may enter Florida Science Talent Search. Talent Search allows FJAS members to compete in two competitions at the same time. In addition to the normal requirements for experimental paper submission, Talent Search requires:

Florida Science Talent Search Competition Entry Form to be completed legibly. The following must be attached to this form:

- Transcript with grades through December 2003
- Standardized test scores (this is often on the transcript)
- Resume of science related activities, awards, offices held or received during high school

Even if you have submitted your research to the Intel Science Talent Search, please send all materials to FJAS again. Often the mailing of the papers from the Intel STS does not arrive until mid to late February.

### Paper Requirements

Papers MUST meet the following requirements, failing to meet these requirements lowers the score during the preliminary competition. Ten percent of this score is "following instructions" and these lost points may reduce a member's chances of presenting at the competition in March.

The requirements and common errors are:

- PLEASE check spelling - misspelling is distracting to judges.
- Title page with lay-language title and lay-language abstract ONLY. The lay-language title does NOT to exceed 75 characters. The lay-language abstract NOT to exceed 75 words.

(Common errors are using scientific names in the title or abstract, using the ISEF abstract which is longer, having the name of the school or student on the title sheet.)

- Student name, school name, acknowledgments, mention of mentor or facility can NOT appear within the paper.

(Common errors include the mention of a facility in the method or other names occurring in the heading of the pages.)

- Maximum of 20 pages double-spaced and typed on only one side. This does not include the entry form but does include the Title page and all attachments.

(Common errors include the addition of a contents page when it is not necessary. To correct this pages are removed prior to judging at the discretion of the FJAS coordinator)

- The research paper is to be STAPLED ONCE in the upper left corner with the legible and completed entry form on top. The entry form will be removed and a code written on top of the title page prior to sending to the judges.

(Common errors include placement of the paper in a notebook or folder, which is removed.)

- Attach photocopies of the required ISEF forms (1, 1A, 1B, 1C, 2,3,4,5, 6 and/or 7 - attachment need not be photocopied) to the paper with a paper clip - DO NOT STAPLE TO THE RESEARCH PAPER - Please note only one copy of Form 4 is needed. If your project required other letters (IRB waiving informed consent or wildlife officer for collection or release of animals), these are considered part

of the forms and a photocopy is required. MSDS sheets do NOT have to be included but MUST be listed in the Bibliography.

(In the past many students did not include these photocopies and points for following instructions were deleted. **This year the policy is changing.** Experimental papers without proper documentation with their ISEF forms will NOT be considered for judging.

This change in policy has come about since a student who competed at FJAS failed to qualify at SSEF. As a member of the SSEF SRC I feel it is inappropriate for FJAS to allow students who did not follow the required procedures for Precollege Science Research as published by Science Service and SSEF Rules to compete.)

- For continuing projects, all information that had previously been presented at FJAS MUST be circled in red. This should NOT include data but may include information in the introduction. A Form 7 should be included with the forms.

### Preliminary Competition Procedures

Sessions will be selected based on student's category suggestions and the number of papers submitted. It is the goal of the FJAS Coordinator to place similar papers in the same session. To allow for equal chances for all submissions, papers are sorted by division first, type and then general category. If there are too many or too few papers then categories may be split and/or combined at the discretion of the FJAS Coordinator.

It is the goal for each preliminary judge to review between 20 and 25 papers to select the best 12 which will be invited to compete at the FJAS competition.

### Plans for the 2004 FJAS Competition

This year's competition will be in the same wonderful facilities as the 2003 competition, University of Central Florida in Orlando. The suggested housing is listed in the FAS call for abstracts at this website.

Remember to ask for the FAS rates. The competition will basically have the same schedule on

March 13, 2004 as last year's:

9 AM to 10 AM	Registration
9:45 AM	Welcome
10 AM to 1 PM	Presentations in Concurrent Sessions Interviews for Talent Search Students
1 PM to 3 PM	Lunch on own - Visit campus
3 PM to 4 PM	Business Meeting immediately followed by Awards Ceremony

