

Florida Junior Academy of Science

and

Florida Science Talent Search

A Division of the Florida Academy of Sciences

Volume 24, No. 2

Winter 2005

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, State, and International Science & Engineering Fairs, it is imperative that appropriate requirements for these competitions be met including:

- proper completion of forms and approvals PRIOR to experimentation.
- experimentation does not exceed 12 months and was begun after January 1, 2005.

Forms will NOT be sent this year to FJAS.

Literary papers MUST NOT discuss any data collected by the student, only published data may be presented for discussion and analysis.

The instruction sheets for both types of papers were sent with the Fall newsletter providing guidelines for writing the papers. This information is also available online at Junior Academy pages of www.floridaacademyofsciences.org

IMPORTANT reminder - Science Service is NO longer sending the Florida entries to the Intel Science Talent Search to FJAS. Cindy Perrella, Florida Science Talent Search (FSTS) Director, will NO longer be inviting these students to compete in the FSTS. Students wanting to compete in FSTS MUST submit their papers electronically by the Feb. 1st deadline as described in the next column.

E-Mailing the Research Papers

In an effort to reduce costs and time involved in preliminary judging process FJAS is going to attempt the electronic submission of papers. The papers should be sent as attachments with an email to pzalo@yahoo.com prior to noon Feb. 1st.

The e-mail MUST have the following information:

Student name

grade in school

School

Title of paper (exactly as it appears within the attached PDF file)

Type of paper: Experimental or Literary

Area of Experimental paper:

Biological, Environmental, Medical, Physical

The paper MUST meet these guidelines:

- Title page with lay-language title (max 75 characters) and lay-language abstract (max of 100 words) ONLY.

- NO mention of student name, school, acknowledgments, mentor or facility can appear within the paper.
- Maximum of 20 pages double-spaced.

After preparing the paper according to these guidelines create the PDF file with an abbreviated title of the paper. Please be sure to “include your fonts in the document”. This is probably the default on your computer but it will insure that all special characters will be read correctly.

Please check your PDF prior to attaching to make sure it meets your expectations.

An e-mail will be returned within 24 hours verifying receipt of the paper.

Talent Search Entries

Only students graduating in May or December of 2006 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, competing in the Talent Search requires:

- Florida Science Talent Search Competition Entry Form to be completed legibly

(This has been sent with this mailing and is available at the www.floridaacademyofsciences.org website.)

The following items must be attached to this form:

- Transcript with grades through December 2005
- Standardized test scores ACT and SAT (these are often on the transcript)
- Resume of science related activities, offices held, and awards received during high school
- Print copy of the paper

A \$5 registration fee is due at the competition in March.

Each of the items listed above are scored in selecting which students will receive Awards of Excellence and Merit Awards. Additional awards presented to Florida Science Talent Search finalists include the National Youth Science Camp and college scholarship for attending a Florida college or university. The competition entry form requires signatures verifying interest in the scholarship and/or trip to West Virginia for the National Youth Science Camp in July. Interviews will be scheduled during the competition day and part of the criteria listed below.

20%	GPA and class rank
30%	SAT, ACT, other test scores
35%	Ranking in Florida Science Talent Search/Florida Junior Academy of Science competition
10%	Scientific Potential (from resume)
5%	Personal Interview

Talent Search Entry Packets can be sent directly to: Cindy Perrella, Talent Search Director

1521 SW 2nd Avenue

Pompano Beach, FL 33060

The paper should also be e-mailed to Pat Zalo.

Guidelines for Presentations

Middle school students have 10 minutes while high school students have 12 minutes to present their material. The judges then have 3 minutes to ask the presenter questions. Students are encouraged to practice their presentations to insure coverage of the entire presentation in the time allotted. **Students planning to use power point presentations are reminded that they and/or their sponsor are responsible**

for supplying the equipment. Only overhead projectors and screens are available in each room.

Preliminary Competition Procedures

Sessions will be determined based on student's application information in the email 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 grade level first (middle school, high school, or Talent Search(12th grade)), type of paper (literary or experimental) and then general area of the experimental papers. If there are too many or too few papers in an area then areas 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 and to select the best 12 which will be invited to compete at the FJAS competition.

Tentative Schedule of the March 11, 2006 Competition at Florida Tech in Melbourne

9 AM to 10 AM	Registration
9:45 AM	Welcome
10 AM to 1 PM	Presentations in Concurrent Sessions Interviews for FSTS students
1 PM to 2:30 PM	Lunch on own - Visit campus
2:30 PM to 4 PM	Business Meeting immediately followed by Awards Ceremony

Hope to see you in Melbourne March 11th

Letter accompanying the newsletter

December 7, 2005

Dear FJAS Sponsor or Individual Member,

PLEASE read the newsletter to see changes in paper submission. We will try to have all papers submitted electronically this year. If you have students that are unable to submit in this fashion please email me as soon as possible. I hope that this will make it easier for you and save you the cost of mailing the papers. I may request that research papers be sent for those students selected to present. These papers would be used by the judges at Florida Tech. This would not be the rush that often accompanies the February 1st deadline.

Because of this change in submitting papers, the ISEF forms will NOT be required this year. PLEASE make sure that ALL experimental papers did follow the requirements and completed the forms for the project PRIOR to data collection.

PLEASE hand out the newsletters to the students so they can read the requirements.

There should be sufficient number of Talent Search Entry Forms for your seniors, if not please copy or let the students go to the website to complete and submit.

Please read carefully the "Reminder". The only possible way to compete in Talent Search this year will be through submission directly to Cindy Perrella. Again, please see the newsletter.

This year's competition will be at the Florida Tech (formerly called Florida Institute of Technology) in Melbourne on March 11th. The suggested housing facilities are listed on the back. Remember to ask for the FAS rates. The competition schedule will probably be from 10 AM to 4 PM on that Saturday as listed below and on the newsletter.

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 2:30 PM	Lunch on own - Visit campus
2:30 PM to 4 PM	Business Meeting immediately followed by Awards Ceremony