

# ACADEMY OF APPLIED SCIENCE



January 23, 2012

**MEMO TO:** JSHS Regional Directors, Co-Directors and Regional Directors Executive Council  
**FROM:** Doris Ellis Cousens, Director, National JSHS  
**SUBJECT:** 50th National Junior Science and Humanities Symposium -  
Announcement and Registration for Regional Delegations

On behalf of the U.S. Departments of the Army, Navy, and Air Force, we are pleased to extend a cordial invitation to you and five students to attend the 50th National Junior Science and Humanities Symposium (JSHS), May 2-6, 2012 in Bethesda, Maryland.

Among the final five, two finalists from your regional symposium are invited to present their research at the 50th National JSHS in competition for military-sponsored scholarships. Sessions will be organized by discipline on Friday with twenty-one finalists selected from each of seven sessions in the fields of:

- 1) Life Sciences,
- 2) Medicine and Health and Behavioral,
- 3) Environmental Sciences,
- 4) Engineering, technology (including energy, robotics)
- 5) Computer Science/Computer engineering; Applied Math (theoretical computer science),
- 6) Physics and Astronomy; Math (theoretical); and
- 7) Chemistry; geochemistry

Due to the numbers of papers in the biological sciences, run-off sessions may be required whereby the student presents in a first round on Friday and a second round on Saturday. (Note: All categories have been re-defined with the addition of a 7<sup>th</sup> category. Please refer to the National JSHS guidelines and groundrules for the categories of competition. The final categories will be established upon reviewing the results of regional symposia paper competitions.)

A third student, either your 3<sup>rd</sup> place finalist or poster presenter, from your regional symposium is also invited to present their research in a poster format. Tri-fold poster boards will be available, upon registration, at the National. Students will simply have to tack up their prepared materials onto these boards. Posters will be set up on Saturday morning; poster judging will take place on Saturday, 10:00 am. (General guidelines for poster layout are published at <http://www.jshs.org>, Guidelines tab)

The 50th National JSHS will bring together 230 student delegates and other guests -- high school and university faculty and military sponsors. A full program will be planned in cooperation with our host -- the Deputy Assistant Secretary of the Army for Research & Technology (DASA) -- and STEM researchers within the military and Federal R&D laboratories in the Greater Washington, D.C. area. Visit <http://www.jshs.org> for program highlights and scheduled activities. An electronic poster is published here for use in announcements to high schools.

*To pre-register your student delegates for the 50th National JSHS, we invite you to visit the National JSHS Website, <http://www.jshs.org>. Complete registration instructions for on-line submission of all registration requirements are attached. Please be reminded that paper submission of registration will be accepted only through exception by the National JSHS Office.*

It is highly recommended that you review the registration process with the student delegates immediately following the awards ceremony at your regional symposium. Secondly, the attached "Chaperone and student responsibilities" outlines the responsibilities of chaperones. Please carefully review before selecting a chaperone for the regional delegation.

Upon receipt of registration details, the National JSHS Office will coordinate travel reservations, reserve hotel accommodations, and assign any tour preferences. Hotel accommodations for all National JSHS delegates, including students and adult leaders/chaperones, will be at the Bethesda North Marriott and Conference Center, 5701 Marinelli Rd., Bethesda, Tel. 301-822-9200. Reservations should be made through the National JSHS Office. Three students may be assigned to a room to accommodate the large number of participants.

The JSHS room rate at the Marriott is \$129.00/night (single, double or triple), plus applicable taxes, currently at 13%.

**Registration of Guests.** Registration requests by other representatives from your region will be honored on a first-come, first-serve basis and within the space available. Guests should complete their registration on-line at the “I am a Guest” section, National symposium. **Please remember that the “Teacher Award” recipient may use the \$500 award toward National attendance costs.**

**Registration deadline – April 2**  
**Early registration please for early symposia -- March 21**  
(Symposia concluding after April 2 should contact the National JSHS Office to coordinate registration deadlines.)

As in the past, we ask for your assistance in coordinating and following up with the students. When you are communicating registration requirements to the students, please emphasize two important points. First, for airline travel, please ask the students to think about any conflicts and determine their commitment to attend National. Once an airline ticket is purchased, we cannot change that ticket. Secondly, for the student presenters, please emphasize early submission of the abstract.

The students’ paper should follow the guidelines, “JSHS - Program fact sheet and student guidelines,” on the JSHS website. Length of the paper, format, and recommended outline are presented. The research paper is used as a supporting document to the abstract during the judging process. The judges read both the abstract and paper.

The program dress is comfortable and casual. For the paper sessions, attendees typically dress more professionally. The dress for the banquet and awards ceremony is semi-formal. For all other symposium activities, you’re welcome to wear slacks, jeans, shorts, tennis shoes -- whatever makes you feel comfortable and eager to learn and participate. (Participants should plan to wear tennis shoes, not sandals, for Thursday’s tours.)

Thank you for your assistance in coordinating the registration process for your students. Please contact us for further assistance.

1. For registration questions...Contact Kate Trojano, trojano@jshs.org, or Pamela Hampton, phampton@aas-world.org
2. For airline reservations...Contact Sandy Delude, Penny Pitou Travel, Tel. (603) 856-7362 or email: [Sandy@pennypitoutravel.com](mailto:Sandy@pennypitoutravel.com)
3. Contact me, [cousens@jshs.org](mailto:cousens@jshs.org) for all other questions including programming, judging and student paper submission.

We look forward to seeing you at the 50th National JSHS!

Sincerely,

Doris Ellis Cousens  
Director, National JSHS

Enclosures (to follow by mail)

1. [Registration instructions](#)
2. [Student consent form](#)
3. [Chaperone responsibilities](#)
4. [Student invitation](#)
5. [Guest invitation](#)

