

## Nominations

Nomination forms must be postmarked by **December 1, 2006**, and accompanied by:

- Consent Forms (student and teacher)
- \$10 student registration fee (non-refundable, non-transferable and payable by personal check, cashier's check or money order)

This provides an early indication of interested participants and assures parents are informed. In addition, those students planning to submit a paper/poster should also provide by **December 1, 2006**:

- a Biographical Sketch Form (submitted electronically)
- a student photo (submitted electronically)

## Paper Format

Students who wish to present papers or posters on their original scientific research should complete a paper according to the *Guidelines for Preparation and Presentation of Student Research*. Guidelines booklets may be viewed at the IJSHS website, or you may request a copy from the IJSHS director (see below). Research papers must be submitted electronically by **January 19, 2007**, and must be accompanied by:

- an abstract on the IJSHS Abstract Form (submitted electronically)
- a Statement on Assistance Form (submitted electronically)

*The Symposium reserves the right to reject papers if guidelines are not followed. Papers that are re-submitted from last year must be substantially advanced or they will not be considered for presentation. Students who are not selected to make a paper presentation are extended an invitation to present their research at the Poster Session. Decisions of the judges are final.*

## Poster Session

The poster session provides another opportunity for students to discuss their original research. Guidelines for posters are included in the *Guidelines for Preparation and Presentation of Student Research*. Poster session papers must be submitted electronically by **January 19, 2007**, and be accompanied by:

- an abstract on the IJSHS Abstract Form (submitted electronically)
- a Statement on Assistance Form (submitted electronically)

## Program Objectives

*To promote* research and experimentation in the sciences, mathematics, and engineering at the high school level

*To recognize* the significance of research in human affairs, and the importance of humane and ethical principles in the application of research results

*To search out* talented youth and their teachers, recognize their accomplishments at symposia, and encourage their continued interest and participation in the sciences, mathematics, and engineering

*To expand* the horizons of research-oriented students by exposing them to opportunities in the academic, industrial and governmental communities

*To increase* the number of future adults capable of conducting research and development

*IJSHS is sponsored in cooperation with the United States Departments of the Army, Navy, and Air Force, Academy of Applied Science, and Southern Illinois University Carbondale. Specific cooperating organizations include the Army Research Laboratory's Army Research Office, Research Triangle Park, NC; the Office of Naval Research, Arlington, VA; Air Force Research Laboratory, Wright-Patterson AFB, OH; and the Air Force Office of Scientific Research, Arlington, VA.*

*The National Association of Secondary School Principals has placed this program on the NASSP National Advisory List of Contests and Activities.*

## Accommodations

Housing and planned meal functions during the Symposium are covered by the program. Students and teachers will be housed at the Ramada Limited, 801 N. Giant City Road, Carbondale, Illinois (618-351-6611). Teachers are requested to transport students to and from the Symposium. We regret that funds for travel reimbursement are not available.



## General Information

**Southern Illinois University Carbondale**  
**March 25-27, 2007**

(618) 453-7062  
fax: (618) 453-7067  
e-mail: [ijshs@cos.siu.edu](mailto:ijshs@cos.siu.edu)  
web site: <http://www.science.siu.edu/ijshs/>

Linda Martin, Director  
Illinois JSHS  
College of Science - Mail Code 4403  
Southern Illinois University Carbondale  
1245 Lincoln Drive  
Carbondale, Illinois 62901

## About the Symposium:

Illinois Junior Science & Humanities Symposium (IJSHS) encourages high school students to participate in research and experimentation in the sciences, engineering, and mathematics and provides an opportunity to publicly recognize students for outstanding achievement.

- ☞ Are you a student in grades 9–12?
- ☞ Have you conducted original research in the sciences, engineering, or mathematics?
- ☞ Would you like to earn up to \$18,000 in scholarship money?
- ☞ Do you enjoy hands-on science activities in research labs?
- ☞ Do you enjoy meeting students who enjoy science?

Submit a written report of your research investigation and, if selected, present your research results at the Illinois JSHS. A team of university faculty will judge both the written reports and oral presentations.

- ✓ present your original research in a paper or poster session
- ✓ participate in hands-on laboratory sessions with scientists and professionals
- ✓ learn about current research in science, mathematics, and technology at Southern Illinois University Carbondale
- ✓ interact with other high school students from across the state who are interested in the sciences.

## Who Can Attend?

Four students from each school may attend the Illinois JSHS with a sponsoring teacher or chaperone. Additional students may attend on a space available basis. All students do not have to present papers to participate; however, it is strongly encouraged, as this is the primary focus of the Symposium.

## What Our Participants Say?

*“I just got home from SIU, and I just wanted to tell you how much fun I had this year. Maybe it was because I presented my paper (which, by the way, was SO fun—I never knew I could have so much fun and be so terrified at the same time)…”*

*“... I have to tell you that I’ve been thinking very heavily lately about what I want to do with the rest of my life, and this symposium has pushed me so much more deeply than any other single influence into considering the scientific field...”*

*“... the learning and reflection that have taken place over the last three days really has me convinced that I want to do something in science.”*

– Kelley S.

## Deadlines

### December 1, 2006

- ✓ Nomination Form\*
- ✓ Consent Forms (parent and teacher)\*
- ✓ \$10 Student Registration Fee (non-refundable, non-transferable and payable by personal check, cashier’s check or money order)
- ✓ Student Biographical Sketch\* (submitted electronically)
- ✓ Photo (submitted electronically)

### January 19, 2007 (submitted electronically)

- ✓ Research Paper (paper and poster)
- ✓ Abstract on the IJSHS Abstract Form\*
- ✓ Statement on Assistance Form\*

\* *IJSHS forms may be viewed and printed from <http://www.science.siu.edu/ijshs/forms.html>*

## Tentative Schedule

### Sunday, March 25, 2007

- 4:00 – 6:00 p.m. Registration, Ramada Limited
- 4:00 – 6:00 p.m. Paper Session Practice and Set-up, Student Center Auditorium
- 4:00 – 6:00 p.m. Poster Set-up, Student Center Ballroom A
- 7:00 – 8:30 p.m. Opening Session, Student Center Auditorium
- 8:30 – 10:00 p.m. Informal Reception, Evening Program

### Monday, March 26, 2007

- 8:00 a.m. – 12:00 noon Paper Presentations, Student Center
- 2:00 – 3:00 p.m. Laboratory Visits, SIUC campus
- 3:00 – 4:30 p.m. Poster Session, Student Center
- 6:30 – 8:30 p.m. Banquet, Giant City Lodge
- 9:15 – 10:45 p.m. Evening at the Rec Center

### Tuesday, March 27, 2007

- 9:00 – 11:00 a.m. Laboratory Visits
- 11:00 – 11:30 a.m. Awards Ceremony, Program Evaluation

## Win:

- **The Departments of the Army, Navy, and Air Force sponsor \$4,500 in scholarship awards to the top 3 finalists.** The 1st place finalist of the research paper presentations will receive a \$2,000 undergraduate tuition scholarship to the university of the student’s choice; 2nd place receives \$1,500, and 3rd place receives \$1,000 (payable upon matriculation at the university of the student’s choice).
- **SIUC will provide matching awards** to the top 3 finalists in the IJSHS research paper presentations. Students must major in science at SIUC to qualify.
- **\$500 cash award**, awarded to the 1st place finalist of the IJSHS research paper presentations, provided the student attends SIUC and majors in Science
- **\$50 cash awards**, awarded to the 1st place finalists of both the IJSHS paper and poster presentations
- **IJSHS medals**, awarded to each presenter of IJSHS research papers and posters
- **an expense-paid trip to the 45th National JSHS in Huntsville, AL, May 2-6, 2007**, awarded to the top five (5) IJSHS finalists.
- **an invitation to present his/her original research investigation at the National JSHS Huntsville, AL**, awarded to the 1st and 2nd place finalists of the IJSHS research paper presentations. Both students compete equally at the National JSHS for the following undergraduate tuition scholarships:
  - \$16,000 scholarships for six 1st place finalists
  - \$6,000 scholarships for six 2nd place finalists
  - \$2,000 scholarships for six 3rd place finalists
- National 1st place finalists also receive an **expense-paid trip to the London International Youth Science Forum** (some age restrictions apply).

## Faculty Award

- **a \$500 cash award**, awarded to one teacher, honoring the individual teacher’s and the school’s contributions to advancing student participation in research. Attendance at the Illinois JSHS is preferred.

“Academically stimulating environment”

“The learning experience was outstanding”

“The fact that it was very well organized and kept us busy. Everything was enjoyable from beginning to end.”



Southern  
Illinois University  
Carbondale