

50th YEAR CELEBRATION

MONMOUTH JUNIOR SCIENCE SYMPOSIUM
March 29th & 30th, 2012
Monmouth University
West Long Branch, NJ



MONMOUTH JUNIOR SCIENCE SYMPOSIUM (MJSS) PROMOTES RESEARCH AND EXPERIMENTATION IN THE SCIENCES, ENGINEERING, AND MATHEMATICS AT THE HIGH SCHOOL LEVEL AND PUBLICLY RECOGNIZE STUDENTS FOR OUTSTANDING ACHIEVEMENT.

The two-day event includes presentation of original papers from New Jersey high school students on their individual science research projects. Schools are also welcome to register students and teachers to attend one or both days as observers.

Students who choose to submit a research paper compete for extensive awards including various combinations of the following:

- Undergraduate tuition scholarships to college of choice: \$2,000, \$1,500, \$1,000
- Expense paid trip to National JSHS
- Monmouth University tuition scholarship
- Independently of the MJSS additional awards are offered by: AFCEA, AUSA, IEEE, NAVAIR, NDIA, SAME
- Advance to the National JSHS and compete for: \$12,000, \$8,000 and \$4,000 undergraduate scholarships
- Advance to the Internationals and win a trip to London, England

Monmouth Junior Science Symposium

Monmouth University
Plangere Center 137
West Long Branch, NJ 07764
732-571-7520

www.monmouth.edu/mjss
mjss@monmouth.edu

MONMOUTH UNIVERSITY
WHERE LEADERS LOOK *forward*

The primary aims of Monmouth Junior Science Symposium are...

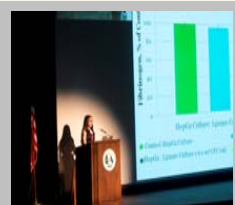
- To search out talented youth and their teachers, recognize their accomplishments at symposia, and encourage their continued interest and participation in the sciences, mathematics, and engineering.
- To expand the horizons of research-oriented students by exposing them to opportunities in the academic, industrial, and governmental communities.
- To increase the number of future adults capable of conducting research and development.

Costs for housing and planned meal functions during the Symposium are covered by the MJSS.

There is no registration fee to attend the Monmouth Junior Science Symposium

Transportation is the responsibility of the local school district.





Students who would like to submit papers should:

- Be registered by their high school for attendance at the symposium.
- Submit to the MJSS office a written abstract of their work (12/2/2011)
- Submit copies of their research paper (1/4//2012)

Registration forms available at:
www.monmouth.edu/mjss
or email: bconover@monmouth.edu

JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM (JSHS)

Over \$340,000 in scholarships and cash awards are presented to regional and national winners each year making the program an attractive opportunity for motivated students who want to pursue higher education in the areas of science engineering and mathematics.

Each year, JSHS reaches approximately 10,000 secondary school students and teachers in regional symposia held throughout the United States, Puerto Rico, and in cooperation with the Department of Defense Dependents Schools of Europe and the Pacific.

The Junior Science and Humanities Symposium is a highly accomplished national program that sets a standard for academic excellence. JSHS is sponsored by the research arm of the Department of Defense and administered in cooperation with nationwide colleges and universities. It connects researchers and educators located in university settings, government laboratories and private research centers with talented and motivated high school students and their teachers. Every year forty-eight Regional Symposia are held on university campuses across the country including Alaska, Puerto Rico and the Department of Defense schools in Europe and the Pacific. Participating in the JSHS program offers students and their teachers many benefits. www.jshs.org

Who is eligible to participate in the Monmouth Junior Science regional symposia?

MJSS invites entries from high school students who have conducted original research in the sciences, engineering, or mathematics

Any serious student in grades 9-12 with the potential or demonstrated interest in the sciences, engineering, or mathematics is eligible to participate in a regional symposium. Students and teachers may attend as observers.

The Monmouth Junior Science Symposium (MJSS) provides a forum for students in grades 9-12 to present the results of their research in the following categories:

- Mathematics and computer science
- Engineering, technology, or computer science *-(Projects that directly apply scientific principles to practical uses)*
- Physical sciences
- Earth and space; environmental science
- Life sciences
- Medicine and Health/Behavioral and social science

Research must be based upon a scientific hypothesis pursued through personal experimentation and literature review. Students may not submit papers to more than one Regional JSHS.