

NJRSF AWARDS – 2014

- ISEF Trip Award** An all expense paid trip to the International Science and Engineering Fair to be held in Los Angeles, California, May 11-16, 2014
Prize includes air fair, hotel, fair registration, and local expenses for student and advisor. Student also receives a certificate and a ribbon.
Awarded for the two most outstanding projects in the fair in each division.
- ISEF Team Trip Award** An all expense paid trip to the International Science and Engineering Fair to be held in Los Angeles, California, May 11-16, 2014.
Prize includes air fair, hotel, fair registration, and local expenses for student and advisor. Students also receive a certificate and a ribbon.
Awarded for the most outstanding team project in the fair.
- ISEF Trip – Alternate** A chance to attend ISEF if the trip winner is unable to attend.
Prize includes an award certificate and a ribbon.
Awarded to the students whose projects are judged third and fourth overall in each division.
- ISEF Team Trip – Alternate** A chance to attend ISEF if the team trip winners are unable to attend.
Prize includes an award certificate and a ribbon.
Awarded to the team project judged second overall.
- ISEF Symposium Finalist** A chance to participate in the Finalist Symposium of the NJRSF.
Prize includes an award certificate and a one-year subscription to Scientific American.
Awarded to the students under final consideration for the ISEF trip awards in each division.
- NJIT Academic Fellowship** Two 4-year academic fellowships, for \$1,000 per year, one in Engineering and one in either Math or Physics, conditional on normal admission procedures.
This fellowship will be granted in addition to any other merit-based aid the student may have qualified for.
Awarded to two Junior students submitting the project judges worthy by the NJIT faculty judges.
- NJIT Fellowship – Alternate** A chance to accept the 4-year academic fellowship if the winners are unable to do so.
Awarded to four Junior students submitting the project judged worthy by the NJIT faculty judges.
- NJIT Summer Research Academy** Nomination to the NJIT Summer Research Academy for one summer to take up to six credits of college credit courses.
Awarded to 2 Sophomore or Junior students judged worthy by the NJIT faculty judges.
- NJIT Summer Research Academy - Alternate** A chance to attend the NJIT Summer Research Academy if the winner is unable to do so.
Awarded to 2 Sophomore or Junior students judged worthy by the NJIT faculty judges.
- Partners in Science Research Award** Nomination to the Partners is Science summer research program administered by the Liberty Science Center.
Awarded to 2 Junior students submitting outstanding projects and demonstrating a high commitment to research. ISEF winners are excluded from this award.
- Partners in Science Research Award - Alternate** Alternate nomination to the Partners is Science summer research program.
Awarded to 4 Junior students submitting outstanding projects and demonstrating a high commitment to research. ISEF winners are excluded from this award.

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New Jersey Water Environmental Association Award	A cash award of \$500 and a plaque. Awarded to one Junior or Senior student who displays an outstanding water quantity or quality project as chosen by the NJWEA judge.
Karen Kranz Memorial Independent Student Research Award	A cash award of \$250 and a plaque. Awarded in recognition of outstanding individual effort without substantive or formal technical assistance from professional scientists or scientific organizations.
First Place Category Award	A cash award of \$75, a 1 st place ribbon and an award certificate. Awarded to the best projects in each category of the NJRSF.
Second Place Category Award	A cash award of \$50, a 2 nd place ribbon and an award certificate. Awarded to the projects ranked second in each category of the NJRSF.
Third Place Category Award	A cash award of \$25, a 3 rd place ribbon, and an award certificate. Awarded to the projects ranked third in each category of the NJRSF.
Honorable Mention Category Award	An honorable mention ribbon and an award certificate. Awarded to meritorious projects in each category of the NJRSF.
Special Computing Awards	<i>Grand Prize:</i> A \$100 cash award. Awarded to an outstanding project judged best in either hardware or software categories of computer engineering. <i>First Place:</i> A \$50 cash award. Awarded to the project judged first in demonstrating excellence in the design of computer hardware of software. <i>Second Place:</i> A \$38 cash award.. Awarded to the project judged second in demonstrating excellence in the design of computer hardware of software. <i>Third Place:</i> A \$25 cash award. Awarded to the project judged third in demonstrating excellence in the design of computer hardware of software.
American Chemical Society Awards	<i>First Place:</i> \$250.00 cash. <i>Second Place:</i> \$150.00 cash <i>Third Place:</i> \$100.00 cash Awarded to projects that display excellence in the application of chemistry to solve a problem.
The Energy Technology Award	A \$500 cash award. Awarded to 2 projects selected for excellence in the design, study, or implementation of technology related to renewable energy or other alternatives to fossil fuels, energy efficiency, or climate change mitigation.
Field Ecology Award	A \$100 cash award. Awarded to an outstanding Biology, Ecology or Environmental Science project utilizing data collected in the field rather than the laboratory.
Intel Excellence In Computer Science Award	\$200.00 from Intel and a certificate. Awarded to one student in each division for excellence in Computer Science.
David S. Young Memorial Award	\$200 cash award. Awarded in recognition of excellence in the area of Physics and/or Electrical Engineering.
The Human Genetics Institute of New Jersey Award	<i>First Place:</i> Certificate of Outstanding Achievement and \$200.00 <i>Second Place:</i> Certificate of Outstanding Achievement and \$100.00 <i>Third Place:</i> \$100.00 cash Awarded to outstanding projects with relevance and insight to the study of genetics.
American Statistical	<i>First Place Award:</i> \$100 cash award Awarded to a project deemed

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Association Award	outstanding in the use of probability and statistics in the analysis of experimental data. <i>Second Place Award:</i> \$75 cash award. Awarded to a project judged second in the use of probability and statistics in the analysis of experimental data. <i>Third Place Award:</i> \$50 cash award. Awarded to a project judged third in the use of probability and statistics in the analysis of experimental data.
Rutgers Student Awards	\$25 cash award. Awarded to unique and imaginative projects as judged by Rutgers University Undergraduate students.
American Physiological Society Award	A certificate of achievement. Awarded to one student in each division for outstanding accomplishment in the Physiological Sciences.
American Meteorological Society Award	A certificate of achievement. Awarded to 2 students in each division for ability and creativity in an atmospheric science exhibit.
American Psychological Association Award	A certificate of achievement. Awarded to one student in each division for outstanding research psychology in Behavioral or Social Sciences.
ASM Materials Education Foundation Award	A certificate and a medallion. Awarded to one student in each division recognizing the most outstanding materials engineering project.
NOAA Pulse of the Planet Award	A certificate and a medallion. Awarded to one student in each division recognizing outstanding projects in ocean, coastal, Great Lakes, weather, and climate sciences.
U. S. Navy Award	A certificate of achievement, a medallion, and an educational recognition award valued at \$50. Awarded to up to six individual (not team) projects from US citizens or permanent residents.
Surgeon General's Award	A certificate and letter of achievement. Awarded to one student in each division whose projects that illustrate, encourage, or expand on tobacco free living, drug abuse, healthy eating, active living, violence-free living, mental well-being, or sexual health.
Association for Women Geoscientists Student Award	A certificate of achievement. Awarded to one female student (or team) in each division whose project exemplifies high standards of innovativeness and scientific excellence in the geosciences.
Society for In Vitro Biology Award	A certificate of achievement. Awarded to 2 outstanding 11 th grade projects with outstanding projects in the areas of plant or animal in vitro biology or tissue culture.
National Society of Professional Engineers	A certificate and an Innovative Engineering Award lapel pin. Awarded to one student in each division for an innovative engineering project.
U.S. Metric Association Award	A certificate of achievement. Awarded to one student in each division who makes the most extensive and correct use of the Standard International System of Units.
Mu Alpha Theta Mathematics Award	A certificate of achievement. Awarded to one student in each division for the most challenging, thorough, and creative investigating of a problem involving modern mathematics.

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**Stockholm Junior
Water Prize**

A certificate of achievement.
Awarded to three students in each division for outstanding water-related projects.

**ISWEEP Global
Sustainability Award**

A certificate and award package including trip to ISWEEP in Houston..
Awarded to one project in the categories of energy, engineering or the environment which display outstanding work in the theme of environmental sustainability and innovation.

**Yale Science and
Engineering Award**

A certificate and pewter medallion.
Awarded to one outstanding 11th grade project in Computer Science, Engineering, Physics or Chemistry.

**Ricoh Sustainable
Development Award**

A certificate.
Awarded to two students or one team project, selected from among all the categories, whose principles and technical innovations offer the greatest potential for increasing our ability to grow environmentally friendly and socially responsible businesses.