

Hosted by The Ohio State University
Scholarships and Sponsored Awards: \$2,545,201
STATE SCIENCE DAY 2009

S PONSORED BY THE OHIO ACADEMY OF SCIENCE, American Electric Power, The Ohio Environmental Education Fund and Boehringer Ingelheim Roxane Inc. Hosted by The Ohio State University, Columbus, at French Field House and St. John Arena, on Saturday, **May 9, 2009**. The Ohio Academy of Science expresses its appreciation to the more than 100 sponsors of scholarships and awards at State Science Day. Valued at \$2,545,201, this list includes college scholarships, trips, cash, publications and bond prizes for students.

The OHIO ACADEMY OF SCIENCE

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Fostering Curiosity, Discovery & Innovation to Benefit Society.

PLEASE NOTE:

Please do not register for any award for which your project does not meet the criteria as given under "FOR" or if you are not within the grades listed. If you register for an award for which you are not eligible, you forfeit that award and you will not be allowed to register for a different award.

If you are in grades 11 or 12, please do not register for a scholarship if you do not plan to attend that college or if you have already accepted admission to another college.

All college scholarships are contingent upon admission and full-time enrollment in the college sponsoring the scholarship.

DISCLAIMER

The Ohio Academy of Science is not responsible for disqualification of any project by a sponsor, for a student not being interviewed, for any sponsor who does not appear to judge, or for any errors in this listing.

INDEX to Award Categories

Please use this index to find awards that are appropriate for your **grade level** and research **subject**.

- * College Scholarships Pages 1-3
- * Sponsored Awards that may span several award categories. Page 3-4
- * Behavioral Sciences, Botany, Medicine and Health, Microbiology and Zoology. Pages 4-5
- * Mathematics, Computer Science, Engineering and Physics. Pages 5-6
- * Chemistry, Earth & Space Sciences & Environmental Sciences. Pages 6-7
- * Team Awards Only Teams may ONLY register for awards from this section. Individual projects may NOT choose from this section. Page 7-8

College Scholarships

001) Baldwin-Wallace College Math and Science Scholarship

For: Outstanding project in math or one of the natural sciences including nutrition, neuroscience, and computer science

Grade: 11-12

Award: 1st, \$5,000 Scholarship; 2nd, \$3500 Scholarship; 3rd, \$2500 Scholarship. All must be enrolled full-time and all are renewable for three additional years if a 3.0 GPA is maintained in math or one of the natural sciences.

SPONSOR: Baldwin-Wallace College

002) Capital University State Science Day Scholarship

For: Outstanding performance at State Science Day

Grade: 11

Award: \$2,000 tuition scholarship; renewable for three additional years with a 3.0 GPA as a full time student

SPONSOR: Capital University

008) Ohio State University Food and Agricultural Science Scholarship

For: Project that has a scientific application to a food and agricultural topic with current or future implications

Grade: 11-12

Award: \$1,000 scholarship; must be enrolled in the College of Food, Agricultural, & Environmental Sciences

SPONSOR: Ohio State University, College of Food, Agricultural, and Environmental Sciences

010) Shawnee State University Scholarship

For: Outstanding performance at State Science Day

Grade: 11-12

Award: \$1,000 scholarship

SPONSOR: Shawnee State University

011) University of Akron Scholarship

For: Outstanding performance in a science or engineering project

Grade: 12

Award: \$1,500 tuition scholarship, renewable for three additional years

SPONSOR: University of Akron

**012) University of Toledo
Science Achievement
Scholarship**

For: Outstanding science or mathematics project; intends to major in science, mathematics, or engineering fields; or science or mathematics education field

Grade: 11-12

Award: \$1,500 scholarship; renewable for three additional years with a cumulative GPA of 3.0 in science or mathematics

SPONSOR: University of Toledo

**014) Wright State University
Four Year Full Tuition
Scholarship**

For: State Science Day participant, interested in pursuing a career in science, mathematics and/or engineering

Grade: 12

Award: Four year full tuition scholarship (1)

SPONSOR: Wright State University College of Science & Mathematics & College of Engineering & Computer Science

**132) Ohio State University
Biological Sciences
Scholarship**

For: Best project in Biochemistry, Botany, Environmental Sciences, Medicine & Health, Microbiology or Zoology

Grade: 11-12

Award: (2) \$500 scholarship; must be enrolled in the College of Biological Sciences; renewable for three additional years if a 3.2 GPA is maintained

SPONSOR: Ohio State University, College of Biological Sciences

**142) Ohio Wesleyan University
State Science Day
Scholarship**

For: Outstanding performance at State Science Day; must show academic excellence and rigorous

coursework; GPA 3.3 or higher; rank in top 20%; competitive ACT/SAT scores

Grade: 9-12

Award: up to Twenty-five Ohio Wesleyan University \$15,000 scholarships; renewable for three additional years if a 2.75 or above GPA is maintained. Students who matriculate at Ohio Wesleyan University may receive only ONE scholarship. Awards are not stackable.

SPONSOR: Ohio Wesleyan University

**143) Ohio State University
Engineering Scholarship**

For: Outstanding project in the application of engineering and science

Grade: 11-12

Award: Each individual will receive a \$1,000 scholarship; Must be enrolled in the College of Engineering; Renewable for three additional years if a 3.2 GPA is maintained

SPONSOR: Ohio State University, College of Engineering

**155) Arthur Holly Compton
Scholarship in Science
at The College of
Wooster**

For: Outstanding Research in any field of Science; must show academic excellence (GPA equal or greater to 3.5, and competitive ACT/SAT Scores)

Grade: 11

Award: (2) \$18,500 Annual Scholarship; renewable for three additional years for students pursuing a degree at The College of Wooster

SPONSOR: The College of Wooster

**157) Plant Pathology Scholarship
at The Ohio State
University**

For: Best Project in the area of

Plant Health or Plant Disease Management

Grade: 10-12

Award: \$500 scholarship for an outstanding project relating to plant science and plant pathology. This award is only redeemed by enrolling as a Plant Health Management major at The Ohio State University but does not guarantee admission into the university

SPONSOR: The Ohio State University Department of Plant Pathology

**160) Ohio University Department
of Physics &
Astronomy Scholarship**

For: Outstanding project in physics, astronomy or a related area such as chemistry, geology or mathematics, based on scientific principles which are demonstrated in a novel, convincing & interesting or imaginative manner

Grade: 11

Award: (1) \$1500 scholarship to Ohio University Athens campus for a student majoring in a program in the Dept. of Physics & Astronomy; renewable for 3 additional years for full time students maintaining a 3.3 GPA

SPONSOR: Ohio University Department of Physics & Astronomy

169) Food Science Award

For: Best project in food science or food technology

Grade: 10-12

Award: \$2,000 scholarship-one time award- to attend the Ohio State University in Food & Science Technology. Must enroll in OSU to qualify & must declare food science as major and maintain a 3.0 GPA; Includes membership in professional society

SPONSOR: Ohio State University Department of Food Science & Technology

**171) The College of Wooster
Science and Mathematics
Scholarship**

For: Distinguished performance at the State Science Day in a science or mathematics project; Awardee must have evidence of high academic achievement (GPA equal to or greater than 3.0, competitive ACT/SAT etc.)

Grade: 11

Award: (4) \$15,000 scholarships renewable for three additional years for students pursuing a degree at The College of Wooster

SPONSOR: The College of Wooster

**175) Heidelberg Science
Scholarship**

For: Project must receive a superior at State Science Day & Student must desire a college major in the natural sciences or science education

Grade: 10-12

Award: (5) \$7,500 Scholarships renewable for 3 subsequent years pending a 3.0 GPA

SPONSOR: Heidelberg College

**185) Ohio State University
Materials Science &
Engineering Scholarship**

For: Awarded to best project showing how a material (metal, ceramic, composite, etc) affects an engineering design.

Grade: 11 & 12

Award: A \$1000 freshman year scholarship will be awarded to up to three participants. Only applicable to students entering the MSE pre-major program at Ohio State. Renewable for three years if 3.0 GPA is

maintained and major remains MSE

SPONSOR: Ohio State University
Dept of Materials Science
& Engineering

193) Bowling Green State University Science Achievement Scholarship

For: Best project by an 11th grade student in any area of science

Grade: 11

Award: \$1,000 scholarship to attend BGSU, renewable for up to three additional years contingent on maintenance of a 3.0 GPA

SPONSOR: Bowling Green State University

194) Bowling Green State University Mathematics Achievement Scholarship

For: Best project by an 11th grade student in mathematics, statistics or computer science

Grade: 11

Award: \$1,000 scholarship to attend Bowling Green State University, renewable up to three add'l year contingent upon maintenance of a 3.0 GPA

SPONSOR: Bowling Green State University

197) OWEA Water Environment Science Award

For: Projects devoted to stream water quality, water reclamation or wastewater treatment. Projects need to be creative and demonstrate proper use of scientific method and incorporate accurate information and appropriate technology.

Grade: 11-12

Award: \$1,035 scholarship, plaque and award presentation at the OWEA Conference

SPONSOR: Ohio Water Environment Association

198) Wilmington College Premier Scholarship

For: Outstanding performance in a science project at State Science Day in the natural sciences; the student must show academic excellence/achievement (i.e. - class standing, ACT/SAT scores, GPA)

Grade: 11

Award: \$2,500 scholarship renewable for three additional years with a maintained 3.0 GPA as a full-time student

SPONSOR: Wilmington College

204) Wright State University Engineering & Computer Science Innovation Scholarship

For: Interest in pursuing a major within the College of Engineering & Computer Science; must show academic excellence (GPA 3.0 or higher and competitive ACT/SAT scores)

Grade: 10-12

Award: up to twenty \$1,000 scholarships (non-renewable) Student must major within the College of Engineering & Comp. Science. If min GPA of 3.2 in 1st yr, student may be eligible to work in a research co-op opportunity (value \$2,500) renewable for 3 yrs

SPONSOR: Wright State University College of Engineering & Computer Science

205) Mount Union College State Science Day Scholarship

For: Outstanding performance in a science research project at State Science Day and a desire to major in the natural sciences or science education

Grade: 11-12

Award: \$2,000 scholarship. To receive scholarship, student must be admitted into Mount Union College

and enrolled as a full-time student. Renewable up to three years if a 3.0 GPA is maintained

SPONSOR: Mount Union College

208) Infoscitex Corporation Foundation College Scholarship Program

For: Ohio high school senior (must be an OH resident) participating in State Science Day. Student must graduate an Ohio high school and will attend accredited college majoring in science, math or technology

Grade: 12

Award: 3 - each recipient to receive \$5,000 scholarship from Infoscitex Corporation Foundation & \$4,000 summer internship opportunity from Infoscitex Corporation

SPONSOR: Infoscitex Corporation Foundation & Infoscitex Corporation

211) Kenyon Science Scholarship

For: Outstanding research in any field of science; must show academic excellence (GPA equal or greater to 3.5 and competitive ACT/SAT scores)

Grade: 11

Award: One \$16,000 scholarship renewable for three additional years for students pursuing a degree at Kenyon College

SPONSOR: Kenyon College

Sponsored Awards that may span several award categories

019) Stone Laboratory Scholarship

For: Outstanding projects in Botany, Environmental Sciences, and Zoology

Grade: 10-12

Award: Room and meals

scholarship (10) to attend a one week summer introductory course at Ohio State University's Stone Laboratory, Gibraltar Island, Put-in-Bay; scholarship can be used through the summer of 2009

SPONSOR: The Friends of Stone Laboratory, The Ohio State University

023) Statistical Analysis Award

For: Outstanding projects showing (1) thorough description of how the data were collected; (2) appropriate selection and proper use of statistical analyses; & (3) correct interpretation of results

Grade: 10-12

Award: Book and certificate

SPONSOR: American Statistical Association, Columbus Chapter

134) American Chemical Society Columbus Section - Chemical Sciences Award

For: Outstanding projects in chemical sciences, including analytical, biochemistry, genetics, natural products, organic or physical chemistry

Grade: 7-12

Award: 1st, \$200 & certificate; 2nd, \$100 & certificate; 3rd, \$50 & certificate; in each grade category (7-9, 10-12)

SPONSOR: American Chemical Society, Columbus Section

136) Cleveland Museum of Natural History's Outstanding Naturalist Award

For: Outstanding projects in the natural sciences which introduce the Ohio student to the outdoor work of a naturalist.

Grade: 7-12

Award: (6) Cleveland Museum of Natural History Family

Membership, certificate and plaque

SPONSOR: The Cleveland Museum of Natural History

139) Ohio Oil and Gas Energy Education Program Award

For: Outstanding work or knowledge gained about natural gas and/or crude oil in the areas of geology, engineering, chemistry, biology, or physics

Grade: 7-12

Award: 1st, \$500; 2nd, \$250; 3rd, \$100. Each will receive student memberships into Ohio Oil & Gas Assoc., trophy & certificate

SPONSOR: Ohio Oil and Gas Energy Education Program Award

178) Ohio University Department of Physics & Astronomy Young Scientist Award

For: Outstanding project in physics, astronomy, chemistry, geology or math that demonstrates the scientific method. Projects may have an applied aspect.

Grade: 7-8

Award: \$50 Cash and Certificate (4)

SPONSOR: Ohio University

Sponsored Awards in Behavioral Sciences, Botany, Medicine and Health, Microbiology and Zoology

018) Ohio Soybean Bioscience Award

For: Best project in the area of agriculture biosciences, bioresources, biopolymers, bioproducts, and/or bio-fuels using soybeans

Grade: 7-12

Award: 1st place - \$1,000; 2nd place - \$500, 3rd place - \$250

SPONSOR: The Ohio Soybean Council Foundation

028) Behavioral Science Award

For: Relevance, creativity, and understanding of human behavior as demonstrated by the project. A project with animals may be considered if it is relevant to human behavior. Projects referencing psychological science will be given preference.

Grade: 7-12

Award: 1st, \$75; 2nd, \$50; in each grade 9-12 if project meets high standards set for behavioral science projects in grades 9-12; 1st, \$75; 2nd, \$50; 3rd, \$25 in each grade 7-8; certificates for all awardees

SPONSOR: Ohio Psychological Association; regional psychological associations

029) Bowling Green Study Award in Research in Atherosclerosis

For: Significant research into the causes, pathophysiology, or prevention of atherosclerosis

Grade: 7-12

Award: \$100 and certificate

SPONSOR: Bowling Green Study Center for the Primary and Secondary Prevention of Atherosclerosis

030) Milt Austin Aquatic Science Award

For: Best project in fisheries and aquatic sciences

Grade: 7-12

Award: Grades 9-12: 1st, \$150 cash; 2nd, \$100 cash; 3rd, \$50 cash and certificate to all. Grades 7-8: Two \$25 Cash Honorable Mention Awards and a Certificate to Each.

SPONSOR: Ohio Chapter of The American Fisheries Society

031) Food Science and Engineering Award

For: Outstanding projects related to food science, food process engineering, flavor, packaging, sensory evaluation (not general agriculture, biology, or genetics).

Grade: 10-12

Award: 1st, \$350; 2nd, \$250; 3rd, \$150; all receive certificates

SPONSOR: Nestle Research and Development Center, Inc., Ohio

032) Governor's Award for Excellence in Agricultural and Food Science Research

For: Excellence in agriculture research and application

Grade: 7-12

Award: 1st, 2nd, & 3rd plaque and certificate in each of six grades (7-12); Scholarship for grade 12 ONLY: 1st, \$1000, 2nd, \$500, 3rd, \$250

SPONSOR: Ohio Department of Agriculture

033) Governor's Award for Excellence in Biotechnology

For: Outstanding project in the field of Biotechnology

Grade: 7-12

Award: Tuition ONLY Scholarships as follows for students in grades 10-12 attending an Ohio College: 1st, \$1,250; 2nd, \$750; 3rd, \$500; & certificate; 1st, 2nd & 3rd certificates for grade 7-9

SPONSOR: Ohio Department of Development

034) Human Nutrition Award

For: Outstanding projects, based on originality and creativity, that demonstrate understanding of human nutrition and its relationship to good health

Grade: 7-12

Award: 1st, \$100 & certificate; 2nd, \$75 & certificate; 3rd, \$25 and certificate

for each recipient in each of three grade categories (7-8, 9-10, 11-12)

SPONSOR: Ohio Nutrition Council; Ohio Dietetic Association

036) National Association of Biology Teachers Award

For: Life science project best exemplifying innovativeness & scientific excellence; project must be consistent with both ISEF rules and NABT policies on the use of live animals

Grade: 7-12

Award: Certificates (3) in each of two grade categories (7-9, 10-12)

SPONSOR: National Association of Biology Teachers

038) Nursing Award

For: Outstanding projects that focus on health promotion and illness prevention

Grade: 7-12

Award: 1st, \$200 & certificate; Honorable mention - \$100 & certificate

SPONSOR: Ohio Nurses Association

041) Ohio Microbiology Award

For: Demonstrated excellence in microbiology; original and creative research

Grade: 7-12

Award: 1st, \$50 and Medical Microbiology textbook; 2nd, 3rd, 4th, and 5th and 6th receive a gift certificate

SPONSOR: American Society for Microbiology, Ohio Branch; Novartis Pharmaceuticals, Mosby/Elsevier Publishers & GoJo Industries

046) Optometry Award

For: Projects demonstrating excellence in visual science, eye physiology, or lens systems

Grade: 7-12

Award: 1st, \$100; Honorable Mention, \$25

SPONSOR: Ohio Optometric Association

050) Veterinary Medicine Award

For: Outstanding project relating to veterinary medicine
Grade: 7-12
Award: 1st, \$200, medallion & certificate; honorable mentions (2), \$125 & certificate
SPONSOR: Ohio Veterinary Medical Association Auxiliary

051) Wildlife Awareness Award

For: Outstanding projects illustrating a present day wildlife related problem. Must include identification of the species affected, the extent of the problem, and discussion of practical solutions with the judge
Grade: 7-12
Award: 1st 2nd & 3rd - plaque & invitation to attend and display a poster at the Ohio Fish & Wildlife Conference
SPONSOR: Wildlife Society, Ohio Chapter

145) Osteopathic Medical Award

For: Outstanding project related to the field of medicine
Grade: 7-12
Award: 1st, \$150; 2nd, \$100; 3rd, \$75 in each grade categories (7-9, 10-12), plus certificates to all
SPONSOR: Ohio Osteopathic Association

146) Future of Public Health Award

For: Innovation Ideas in Public Health
Grade: 9-12
Award: 1st, \$500 bond & certificate; 2nd, \$350 bond & certificate; 3rd, \$150 bond & certificate
SPONSOR: Ohio Public Health Association

148) Future Physician - Scientist Award

For: Outstanding project related to the fields of medicine and health science
Grade: 7-12
Award: 1st, \$500 (6) and 2nd, \$250 (6) and certificates for all awardees (12)
SPONSOR: Ohio State University, College of Medicine and Public Health and OSU Health Systems

158) Roxane Laboratories Award for Outstanding Biochemistry or Pharmaceutical Sciences Project

For: Most Outstanding projects in Biochemistry or Pharmaceutical Sciences in each of the 2 Grade Categories (7-9) & (10-12)
Grade: 7-12
Award: 1st, \$500 Cash; 2nd, \$300 Cash; 3rd, \$200 Cash; in each grade categories (7-9, 10-12)
SPONSOR: Boehringer Ingelheim Roxane, Inc.

182) Outstanding Project in Plant Pathology

For: Outstanding project in the field of plant pathology which demonstrates in-depth knowledge of his/her project, creativity, and excitement for the field
Grade: 11-12
Award: 1- \$100 Cash Award
SPONSOR: The Ohio State University Department of Plant Pathology

189) Ohio Association for Music Therapy - Psychology of Music/Music Therapy Award

For: Best project investigating the use of music and/or music experience in changing human performance. The science project may involve improvement in cognitive or academic (including music), motor

communication, social or affective behavior.

Grade: 7-12
Award: Certificate and \$50.00 cash award and recognition by Ohio Association for Music Therapy at state conference and in organization's publication
SPONSOR: Ohio Association for Music Therapy

190) Science of Evolution

For: Best project that addresses a research question in evolutionary biology or tests an hypothesis within the broad framework of evolutionary theory
Grade: 10-12
Award: 2 awards of \$200.00, a certificate and plaque for each awardee as well as a one year subscription to American Scientist
SPONSOR: Ohio State University Chapter of Sigma Xi

Sponsored Awards in Mathematics, Computer Science, Engineering and Physics

055) COCACM Computer Science Award

For: Outstanding projects demonstrating software applications in computer science excluding games
Grade: 7-12
Award: 1st (10-12) \$100 & 2nd (10-12) \$50.00; 1st (7-9) \$50 & 2nd (7-9) \$25.00, honorable mentions
SPONSOR: Association for Computing Machinery, Central Ohio Chapter

058) Edison Center Materials Science and Engineering Award

For: Outstanding projects in the field of materials science and engineering
Grade: 7-12
Award: 1st, \$200 & certificate; 2nd, \$100 & certificate;

3rd, \$50 & certificate in each of two grade categories (7-9, 10-12). Automatically winners of Governor's Award for Excellence in Materials Science

SPONSOR: Edison Technology Centers: EMTEC, EWI

059) Engineering Achievement Award

For: Outstanding projects with engineering merit using scientific principles with a practical application
Grade: 10-12
Award: 1st, \$100; 2nd, \$50; 3rd, \$50; 4th and 5th, certificates
SPONSOR: Engineers Foundation of Ohio

067) Outstanding Physics Project Award

For: Excellence, professionalism and creativity in a physics project, experimental and/or theoretical work with results are to be emphasized
Grade: 7-12
Award: 1st, \$150; 2nd, \$100; 3rd, \$50 in each of two grade categories (7-9, 10-12)
SPONSOR: American Association of Physics Teachers, Southern Ohio Section; American Physical Society, Ohio Section

105) Governor's Award for Excellence in Manufacturing Science

For: Outstanding project in the field of Manufacturing Science
Grade: 7-12
Award: Tuition ONLY Scholarships as follows for students in grades 10-12 attending an Ohio College: 1st, \$1,250; 2nd, \$750; 3rd, \$500 & Certificate to each. Grades 7-9: 1st, 2nd & 3rd receive a certificate
SPONSOR: Ohio Department of Development

147) Governor's Award for Excellence in Information Science & Technology Research

For: Outstanding project in the field of Information Science & Technology Research

Grade: 7-12

Award: 1st, \$1,250; 2nd, \$750; 3rd, \$500; tuition only scholarship to an Ohio college for grade 10-12 & certificate; 1st, 2nd & 3rd certificates for grade 7-9

SPONSOR: Ohio Department of Development

159) Ohio University Department of Physics & Astronomy Award of Excellence

For: Excellence in a physics, astronomy, chemistry, geology or math project that produces quantitative results and demonstrates the scientific method. Projects may have an applied aspect to them.

Grade: 9-12

Award: \$100 Cash and Certificate (3)

SPONSOR: Ohio University Department of Physics & Astronomy

195) Nanotechnology Science Award

For: Innovative approach to develop new materials or devices at the nanoscale, to advance new or existing applications. Demonstrated understanding and clear explanation of topic and relevance to society. Well-Organized Poster.

Grade: 7-12

Award: 1st Place: \$100 cash & certificate; 2nd place: \$50 cash & certificate; 3rd place: \$25 cash & certificate

SPONSOR: NSF-OSU Center for Nanotechnology of Polymeric Biomedical Devices

200) University of Dayton

Science or Engineering as Service Award

For: Outstanding projects in Science (1) and Engineering (1) that address important societal needs.

Grade: 10-12

Award: (2) \$2000 scholarship to University of Dayton; renewable for three additional years with a GPA of 3.0 as full-time student in science, mathematics, or engineering.

SPONSOR: University of Dayton

210) SPIE Optics & Photonics Science Fair Award

For: Best project in optics or photonics where students apply optics or photonics related technology, technologies or principles

Grade: 7-12

Award: 1st place - \$500, 2nd place - \$300, 3rd place - \$200. Each recipient will also receive a certificate and Kaleidoscope kit.

SPONSOR: SPIE

Sponsored Awards in Chemistry, Earth & Space Sciences and Environmental Sciences

070) American Meteorological Society Award

For: Outstanding projects in atmospheric and related oceanic and hydrologic sciences

Grade: 7-12

Award: 1st, \$100 & certificate; 2nd, \$50 & certificate; 3rd, certificate; honorable mentions, certificate

SPONSOR: American Meteorological Society; Eric Wertz; Northeast Ohio AMS

072) American Water Works Association Award

For: Outstanding projects focusing on drinking water, analytical techniques associated with drinking water, and

analyzing drinking water or other subjects of interest concerning drinking water

Grade: 7-12

Award: Grades 7-9: 1st - \$200; 2nd - \$100; Honorable Mentions (2) - \$50. Grades 10-12: 1st - \$300; 2nd - \$150; Honorable Mentions (2) - \$75. Certificates for every awardee.

SPONSOR: American Water Works Association, Ohio Section

079) Geological Award

For: Outstanding project in some aspect of geology or closely related earth science

Grade: 7-12

Award: 1st (Ralph J. Bernhagen Award), \$250 cash; 2nd, \$200 cash; 3rd, \$150 cash; 4th, \$100 cash; honorable mention; certificates to all. Ohio Geological Society one year student membership to 1st-4th place awardees (only if email addresses are provided).

SPONSOR: Ohio Geological Society

080) Governor's Award for Excellence in Environmental Protection Research

For: Excellence in the scientific study of environmental protection or management issues relevant to Ohio

Grade: 7-12

Award: \$100 & certificate, up to four awards per grade

SPONSOR: Ohio Environmental Education Fund

083) Governor's Award for Excellence in Water Resources Research

For: Outstanding projects with research in water resources

Grade: 7-12

Award: 1st, plaque; 2nd, plaque; 3rd, plaque in each of two grade categories (7-9, 10-12); Each winner to receive "Ohio Water Titans" book.
SPONSOR: Ohio Department of Natural Resources, Division of Water

084) Hanna Award for Coatings Science

For: Outstanding project in the science and/or technology of chemical coatings

Grade: 7-12

Award: \$1,000 Cash

SPONSOR: Akzo Nobel Coatings

085) James Y. Tong Award in Forensic Chemistry

For: Outstanding projects in forensic chemistry

Grade: 7-12

Award: 1st, \$100; 2nd, \$65; 3rd, \$35; honorable mentions and certificates to all recipients of award

SPONSOR: Dr. James Y. Tong

086) OWEA Water Environment Science Award

For: Projects devoted to stream water quality, water reclamation or wastewater treatment. Projects need to be creative and demonstrate proper use of scientific method and incorporate accurate information and appropriate technology.

Grade: 7-12

Award: 1st, \$500 savings bond & plaque; 2nd, \$300 savings bond & plaque; 3rd, \$200 savings bond & plaque

SPONSOR: Ohio Water Environment Association

087) Ohio Environmental Health Association Award

For: Excellence in environmental health research

Grade: 7-12

Award: 1st, \$150 cash & certificate; 2nd, \$100 cash & certificate; 3rd, \$50 cash & certificate in

each of two grade categories (7-9, 10-12)

SPONSOR: Ohio Environmental Health Association

090) Soil and Water Conservation Award

For: Outstanding projects demonstrating knowledge and understanding of soil and water conservation and their interrelationships

Grade: 7-12

Award: Grades 7-9: 1st, \$150 check; 2nd, \$100 check. Grades 10-12: 1st, \$200 check; 2nd, \$100 check.

SPONSOR: Ohio Federation of Soil and Water Conservation Districts

091) Peter G. Finke Water Management Award

For: Outstanding projects demonstrating knowledge or investigations of water management principles and practices

Grade: 7-12

Award: \$250 cash & plaque in each of two grade categories (7-9, 10-12)

SPONSOR: Water Management Association of Ohio

108) Society of Petroleum Engineers Award

For: Outstanding projects in Engineering or Earth Sciences related to the exploration, development, production or processing of petroleum and natural gas

Grade: 7-12

Award: 4 awards given - \$300 and plaque per awardee

SPONSOR: Society of Petroleum Engineers, Ohio Section

165) Mars Society Award for Space Science, Technology or Exploration

For: Best Project Promoting Space Science, Technology or Exploration

Grade: 7-12

Award: 1st place - \$200 savings bond; 2nd place - \$100 savings bond

SPONSOR: Ohio Chapter - The Mars Society

183) UD ETHOS Appropriate Technology Award

For: Best project to address local or global community needs, empower communities, including research into societal, cultural, economic, and environmental impact of science and technology

Grade: 7-12

Award: One \$50.00 savings bond in each of the two grade categories (7-9) & (10-12)

SPONSOR: UD ETHOS (Engineers in Technical Humanitarian Opportunities of Service Learning)

206) Outstanding Earth Science Award

For: Outstanding project in the Earth Sciences

Grade: 10-12

Award: \$50 & certificate to the awardee

SPONSOR: Bowling Green State University Department of Geology

TEAM AWARDS ONLY!!! Teams may ONLY register for awards from this section. Individual projects may not choose from this section

011) University of Akron Scholarship

For: Outstanding performance in a science or engineering project

Grade: 12

Award: \$1,500 tuition scholarship, renewable for three additional years

SPONSOR: University of Akron

050) Veterinary Medicine Award

For: Outstanding project relating to veterinary medicine

Grade: 7-12

Award: 1st, \$200, medallion &

certificate; honorable mentions (2), \$125 & certificate

SPONSOR: Ohio Veterinary Medical Association Auxiliary

133) Interdisciplinary Research Award

For: Best team project

Grade: 7-12

Award: up to four- 1st (10-12) plaque, one year subscription to American Scientist, attendance at annual banquet in May, \$100 cash; up to 4 - 1st (7-9) plaque, \$100 cash & invitation to annual banquet

SPONSOR: Sigma Xi, Ohio State Chapter

142) Ohio Wesleyan University State Science Day Scholarship

For: Outstanding performance at State Science Day; must show academic excellence and rigorous coursework; GPA 3.3 or higher; rank in top 20%; competitive ACT/SAT scores

Grade: 9-12

Award: up to Twenty-five Ohio Wesleyan University \$15,000 scholarships; renewable for three additional years if a 2.75 or above GPA is maintained. Students who matriculate at Ohio Wesleyan University may receive only ONE scholarship. Awards are not stackable.

SPONSOR: Ohio Wesleyan University

143) Ohio State University Engineering Scholarship

For: Outstanding project in the application of engineering and science

Grade: 11-12

Award: Each individual will receive a \$1,000 scholarship; Must be enrolled in the College of Engineer-

ing; Renewable for three additional years if a 3.2 GPA is maintained

SPONSOR: Ohio State University, College of Engineering

159) Ohio University Department of Physics & Astronomy Award of Excellence

For: Excellence in a physics, astronomy, chemistry, geology or math project that produces quantitative results and demonstrates the scientific method. Projects may have an applied aspect to them.

Grade: 9-12

Award: \$100 Cash and Certificate (3)

SPONSOR: Ohio University Department of Physics & Astronomy

178) Ohio University Department of Physics & Astronomy Young Scientist Award

For: Outstanding project in physics, astronomy, chemistry, geology or math that demonstrates the scientific method. Projects may have an applied aspect.

Grade: 7-8

Award: \$50 Cash and Certificate (4)

SPONSOR: Ohio University

185) Ohio State University Materials Science & Engineering Scholarship

For: Awarded to best project showing how a material (metal, ceramic, composite, etc) affects an engineering design.

Grade: 11 & 12

Award: A \$1000 freshman year scholarship will be awarded to up to three participants. Only applicable to students entering the MSE pre-major program at Ohio State. Renewable for three years if 3.0 GPA is maintained and major remains MSE

SPONSOR: Ohio State University
Dept of Materials Science
& Engineering

200) University of Dayton Science or Engineering as Service Award

For: Outstanding projects in
Science (1) and Engineer-
ing (1) that address
important societal needs.

Grade: 10-12

Award: (2) \$2000 scholarship
to University of Dayton;
renewable for three
additional years with a
GPA of 3.0 as full-time
student in science,
mathematics, or engineer-
ing.

SPONSOR: University of Dayton

211) Kenyon Science Scholar- ship

For: Outstanding research in
any field of science; must
show academic excel-
lence (GPA equal or
greater to 3.5 and
competitive ACT/SAT
scores)

Grade: 11

Award: One \$16,000 scholar-
ship renewable for three
additional years for
students pursuing a
degree at Kenyon College

SPONSOR: Kenyon College

The following awards ARE
NOT available for pre-
registration. Please do
not attempt to sign up for
these awards.

053) American Society of Highway Engineers Award

For: Outstanding projects
relating to highways or
bridges (design, materials,
construction, traffic
control, maintenance or
operations)

Grade: 7-12

Award: Two \$250 awards

SPONSOR: American Society of
Highway Engineers,
Central Ohio Section

075) Chemistry Award, Iota Sigma Pi

For: Outstanding projects by
females in chemistry,
biochemistry, environmen-
tal sciences or mathemat-
ics

Grade: 7-12

Award: Certificate & Book- up
to five given out

SPONSOR: Promethium Chapter
of Iota Sigma Pi, National
Honor Society for Women
in Chemistry

106) Governor's Award for Excellence in Materials Science

For: 1st, 2nd, and 3rd place
awardees of the (#058)
Edison Center Materials
Science and Engineering
Award

Grade: 7-12

Award: Tuition ONLY Scholar-
ships as follows for
students in grades 10-12
attending an Ohio College:
1st, \$1,250; 2nd, \$750;
3rd, \$500; certificates for
all awardees of Edison
Center Materials Science
and Engineering Awards

SPONSOR: Ohio Department of
Development

173) Intel Excellence in Computer Science Award

For: 1st place recipient of
award 055 in grades 10-
12

Grade: 10-12

Award: \$200.00 & Certificate

SPONSOR: Intel Corporation

187) Scientific American Education Award

For: Selected distribution
amongst Five and Six
Year Awardees

Grade: 11-12

Award: Six one-year subscrip-
tions to *Scientific
American Magazine*

SPONSOR: Scientific American

188) Buckeye Science Scholar Award

For: MUST be attending both
the ISEF and State

Science Day. Must be pre-
selected by your district in
advance of State Science
Day.

Grade: 9-12

Award: \$1,000 cash award
first place; \$500 second
place cash award to
students attending State
Science Day & the
International Science and
Engineering Fair

SPONSOR: The Ohio Academy of
Science & Mr. Charles A.
Cummings

192) Case Engineering and Applied Science Award

For: 1300 SAT & 31 ACT

Grade: 10-11

Award: \$5,000 for each of the
four years

SPONSOR: Case Western
Reserve University

209) Gormley Publishing Award

For: Outstanding projects
demonstrating interest,
effort and time spend on
a scientific investigation

Grade: 9

Award: Two book awards in
each of the following
categories at the ninth-
grade level: Biochemistry,
Chemistry, Earth Science,
Space Science, Life
Science & Physics

SPONSOR: Gormley Publishing



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*FOSTERING CURIOSITY,
DISCOVERY
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value education, science,
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