



Hosted by The Ohio State University

Scholarships and Sponsored Awards: \$1,904,135

STATE SCIENCE DAY 2008

Sponsored 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 10, 2008**. The Ohio Academy of Science expresses its appreciation to the more than **100 sponsors** of scholarships and awards at

State Science Day. Valued at **\$1,904,135**, this list includes college scholarships, trips, cash, publications and bond prizes for students.

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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.

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

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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: 11&12

Award: Four year full tuition scholarship (2)

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 \$10,000 scholarships; renewable for three additional years if a 2.75 or above GPA is maintained.

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) \$16,000 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: \$3,000 scholarship renewable for up to four years 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) \$10,000 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

**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

**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 Environ-
ment 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: \$1,000 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

199) The University of Findlay State Science Day Scholarship

For: Outstanding performance at State Science Day

Grade: 11-12

Award: \$1,000 scholarship renewable for three additional years with maintenance of a 3.0 GPA as a full-time student

SPONSOR: The University of Findlay

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 20 \$1,000 scholarships (non-renewable) Student must major within the College of Engineering & Comp. Science. If min GPA of 3.2 GPA 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 (biochemistry, biology, chemistry, environmental biology, geology, physics or astronomy) 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

207) Cleveland State University Science & Mathematics Achievement Scholarship

For: Outstanding project in Science or Math

Grade: 11

Award: \$1000 scholarship, renewable for three additional years if a 3.0 GPA is maintained. Must be enrolled in College of Science.

SPONSOR: Cleveland State University, College of Science

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 (9) 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

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, \$150 & certificate; 2nd, \$50 & certificate; honorable mentions, certificates 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) Partnership for a Healthy Ohio Award

For: Outstanding public health achievement in the areas of health promotion, risk reduction and prevention

Grade: 9-12

Award: 1st, \$1000 bond & certificate; 2nd, \$750 bond & certificate; 3rd, \$500 bond & certificate; 4th, \$250 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

201) University of Toledo College of Medicine Biomedical Sciences Award

For: Outstanding research in one of four key areas: cancer biology, immunity & infection, cardiovascular & metabolic diseases, or neuroscience & neurological disorders

Grade: 11-12

Award: Up to 4 awards - \$100 cash & a certificate. Honorable mention certificates. Special consideration given to awardees for summer enrichment /research opportunities such as MedStarz & summer undergraduate research/clinical fellowships.

SPONSOR: University of Toledo College of Medicine & College of Graduate Studies

202) University of Toledo College of Medicine Minority Health Sciences Award

For: Outstanding & innovative research in the medical sciences by an underrepresented minority student addressing a scientific question with a potential clinical application including: basic biomedical research, clinical research, & translational research

Grade: 11-12

Award: One award of \$100 cash & certificate. Honorable mention certificates. Special consideration given to awardees for summer enrichment /research opportunities such as MedStarz & summer undergraduate research/clinical fellowships.

SPONSOR: University of Toledo College of Medicine & College of Graduate Studies

203) University of Toledo College of Medicine M.D./Ph.D. Program Translational Research Award

For: Most outstanding & innovative medical science research project with a potential clinical application, including basic disease mechanisms using state-of-the-art techniques and approaches.

Grade: 11-12

Award: \$500 cash & certificate. Honorable mention certificates. Special consideration given to awardees for summer enrichment /research opportunities such as MedStarz & summer undergraduate research/clinical fellowships.

SPONSOR: University of Toledo College of Medicine & College of Graduate Studies

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

061) Excellence Award for Civil Engineering Projects

For: Outstanding project showing application of scientific principles in practical application to civil works engineering

Grade: 7-12

Award: 1st, \$100 and plaque; 2nd, \$75 and plaque; 3rd, \$50 and plaque in each of two grade categories (7-9, 10-12)

SPONSOR: American Society of Civil Engineers, Central Ohio Section & Ohio Council

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: 7-12
Award: (2) \$500 & Certificate
SPONSOR: University of Dayton

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, \$50 & certificate; 2nd, \$25 & certificate; 3rd, certificate; honorable mentions, certificate

SPONSOR: American Meteorological Society; Eric Wertz

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: \$500 bond & 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

TEAMS 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 \$10,000 scholarships; renewable for three additional years if a 2.75 or above GPA is maintained.

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

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

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

162) Ohio Aerospace Institute Team Research Award

For: Outstanding Team Research in Earth & Space Science

Grade: 7-12

Award: Up to four participants in each of the two grade categories 7-9 & 10-12 can receive \$175.00 Cash and a Certificate

SPONSOR: Ohio Aerospace Institute

169) Food Science Award

For: Best project in food science or food technology

Grade: 10-12

Award: \$3,000 scholarship renewable for up to four years 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

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

181) Partnership for a Healthy Ohio Team Award

For: Outstanding public health achievement in the areas of health promotion, risk reduction and prevention

Grade: 7-12

Award: \$1500 savings bonds and certificates to be awarded equally depending on number of awardees

SPONSOR: Ohio Public Health Association

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 Engineering (1) that address important societal needs.

Grade: 7-12

Award: (2) \$500 & Certificate

SPONSOR: University of Dayton

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, environmental sciences or mathematics

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 Scholarships 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

153) The Herbert Hoover Young Engineer Award

For: Awarded to 1st place recipient of Award 59

Grade: 7-12

Award: Medallion & Certificate

SPONSOR: The Herbert Hoover Presidential Library Association

154) SSP Middle School Program

For: Outstanding Science Day Projects

Grade: 7-8

Award: T-Shirt, Lapel Pin, Certificate and prize letter inviting student to register to compete

SPONSOR: Society for Science & the Public

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 subscriptions 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



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FOSTERING CURIOSITY, DISCOVERY
& INNOVATION TO BENEFIT SOCIETY.

About the Academy

The Ohio Academy of Science is a membership-based, volunteer-driven, not-for-profit organization. The Academy is the leading organization in Ohio to foster curiosity, discovery, and innovation and to unite all who value education, science, engineering, technology, or their applications to benefit society. The Academy conducts an annual meeting and science days, and publishes an international, multidisciplinary, scientific journal.

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Planning Notes