

State Science Day 2017 – Numeric listing of Sponsored Awards

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

Who's Eligible? Individuals= Y Teams=Y

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

Who's Eligible? Individuals= Y Teams=N

018 Ohio Soybean Bioscience Award

For: Best projects using soybeans in areas of biology, chemistry, engineering, physics or earth/environmental science on these topics: agriculture biosciences, bioresources, biopolymers, and/or biofuels.

Grade: 5-12

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

Sponsor: The Ohio Soybean Council Foundation

Who's Eligible? Individuals= Y Teams=N

019 Stone Laboratory Scholarship

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

Grade: 10-12

Award: Room and meals scholarship (up to 15) 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 2019

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

Who's Eligible? Individuals= Y Teams=N

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

Who's Eligible? Individuals= Y Teams=N

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: 5-12

Award: Grades 5-6: 1st \$75, 2nd \$50. Grades 7-8: 1st \$100, 2nd \$75. Grades 9-11: 1st \$150, 2nd \$100. Grade 12: 1st \$250 and 2nd \$150.

Sponsor: Ohio Psychological Association; regional psychological associations

Who's Eligible? Individuals= Y Teams=N

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. Grades 7-8: Two \$25 Cash Awards.

Sponsor: Ohio Chapter of The American Fisheries Society

Who's Eligible? Individuals= Y Teams=N

031 Food Science and Engineering Award

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

Grade: 10-12

Award: 1st, \$500; 2nd, \$300; 3rd, \$200; all receive certificates

Sponsor: Nestle Product Technology Center, Marysville

Who's Eligible? Individuals= Y Teams=N

033 Governor's Thomas Edison Award for Excellence in Biotechnology & Biomedical Technologies

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 Development Services Agency

Who's Eligible? Individuals= Y Teams=N

038 Nursing Award

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

Grade: 5-12

Award: 1st - \$300 & certificate; Two Honorable mentions - \$150 each & certificate

Sponsor: Ohio Nurses Association

Who's Eligible? Individuals= Y Teams=N

050 Veterinary Medicine Award

For: Outstanding project relating to veterinary medicine

Grade: 7-12

Award: 1st, \$250 & certificate; honorable mentions (2), \$150 & certificate. Certificates given to all award registrants.

Sponsor: Ohio Veterinary Medical Association Auxiliary

Who's Eligible? Individuals= Y Teams=N

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 place, plaque. Both will receive invitation to attend and display a poster at the Ohio Fish & Wildlife Management Association Conference.

Sponsor: Ohio Chapter of the Wildlife Society

Who's Eligible? Individuals= Y Teams=N

053 American Society of Highway Engineers Award

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

Grade: 5-12

Award: Two \$250 awards

Sponsor: American Society of Highway Engineers, Central Ohio Section

Who's Eligible? Individuals= Y Teams=N

055 COCACM Computer Science Award

For: Outstanding projects demonstrating software applications in computer science excluding games

Grade: 5-12

Award: 1st (10-12) \$100 & 2nd (10-12) \$50.00; 1st (7-9) \$50 & 2nd (7-9) \$25.00, \$25 (5-6)

Sponsor: Association for Computing Machinery, Central Ohio Chapter

Who's Eligible? Individuals= Y Teams=N

058 EWI Award

For: Outstanding projects in the field of materials science and engineering

Grade: 7-12

Award: 1st, \$100 & certificate; 2nd, \$50 & certificate; 3rd, \$25 & certificate in each of two grade categories (7-9, 10-12). Automatically winners of Governor's Award for Excellence in Materials Science

Sponsor: EWI

Who's Eligible? Individuals= Y Teams=N

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

Who's Eligible? Individuals= Y Teams=N

061 Excellence Award for Civil Engineering Projects

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

Grade: 5-12

Award: 1st, \$100 & plaque; 2nd, \$75 & plaque; 3rd, \$50 & plaque in each of the two grade categories (5-9, 10-12)

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

Who's Eligible? Individuals= Y Teams=N

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: 5-12

Award: 1st, \$150; 2nd, \$100; 3rd, \$50 in each of two grade categories (7-9, 10-12). For grades 5 & 6 - 1st \$75, 2nd \$50 & 3rd \$25

Sponsor: American Association of Physics Teachers, Southern Ohio Section; American Physical Society, Ohio Section

Who's Eligible? Individuals= Y Teams=N

070 American Meteorological Society Award

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

Grade: 5-12

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

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

Who's Eligible? Individuals= Y Teams=N

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: 5-12

Award: Grades 5-6: 1st - \$125, 2nd \$75 & honorable mentions @\$50. Grades 7-9: 1st - \$175; 2nd \$125; Honorable Mention \$ 75. Grades 10-12: 1st \$250; 2nd \$175; Honorable Mention \$100.

Sponsor: American Water Works Association, Ohio Section

Who's Eligible? Individuals= Y Teams=N

079 Geological Award

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

Grade: 5-12

Award: 1st (Ralph J. Bernhagen Award), \$350 cash; 2nd, \$300 cash; 3rd, \$250 cash; 4th, \$200 cash; 5-8 honorable mention \$50; certificates to all. Ohio Geological Society one yr student membership to 1st-4th place awardees (only if email addresses are provided).

Sponsor: Ohio Geological Society

Who's Eligible? Individuals= Y Teams=N

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. Please note if a team pre-registers for this award, it is limited to 2 person teams ONLY. Teams with more than two members may not sign up.

Grade: 7-12

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

Sponsor: Ohio Environmental Education Fund

Who's Eligible? Individuals= Y Teams=Y

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 award check & certificate; 2nd, \$300 award check & certificate; 3rd, \$200 award check & certificate

Sponsor: Ohio Water Environment Association

Who's Eligible? Individuals= Y Teams=N

087 Ohio Environmental Health Association Award

For: Excellence in environmental health research

Grade: 5-12

Award: Grades 5-8: (3) \$100.00 9-12: (3) - \$100.00

Sponsor: Ohio Environmental Health Association

Who's Eligible? Individuals= Y Teams=N

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

Who's Eligible? Individuals= Y Teams=N

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) & complimentary registration to annual conference.

Sponsor: Water Management Association of Ohio

Who's Eligible? Individuals= Y Teams=N

106 Governor's Thomas Edison Award for Advanced Materials

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 Development Services Agency

Who's Eligible? Individuals= Y Teams=N

108 Society of Petroleum Engineers Award

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

Grade: 5-12

Award: Six (6) awards given - Two (2) Excellence in Science Awards (\$400 and plaque per awardee) and Four (4) Honorable Mention Awards (\$100 per awardee).

Sponsor: Society of Petroleum Engineers, Ohio Section

Who's Eligible? Individuals= Y Teams=N

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

Who's Eligible? Individuals= N Teams=Y

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, \$500 & certificate; 2nd, \$300 & certificate; 3rd, \$200 & certificate & up to one HM at \$100. \$1100 in each grade category (7-9, 10-12)

Sponsor: American Chemical Society, Columbus Section

Who's Eligible? Individuals= Y Teams=N

136 Cleveland Museum of Natural History's Outstanding Naturalist Award

For: Outstanding investigations of the environment which introduce the Ohio student to the outdoor work of a naturalist.

Grade: 7-12

Award: 1 Outstanding Naturalist Award - certificate & plaque and 1 yr family membership to The Cleveland Museum of Natural History. Number of honorable mention awards t.b.d. after judging is complete. Honorable mentions will receive a certificate.

Sponsor: The Cleveland Museum of Natural History

Who's Eligible? Individuals= Y Teams=N

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: 5-12

Award: 1st, \$500; 2nd, \$250; 3rd, \$100.

Sponsor: Ohio Oil and Gas Energy Education Program Award

Who's Eligible? Individuals= Y Teams=Y

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 who place

Sponsor: Ohio Osteopathic Association

Who's Eligible? Individuals= Y Teams=N

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

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

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 Development Services Agency

Who's Eligible? Individuals= Y Teams=N

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: The Ohio State University, College of Medicine and Public Health and OSU Health Systems

Who's Eligible? Individuals= Y Teams=N

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 outstanding project relating to plant science & plant pathology. This award is only redeemed by enrolling as a Plant Health Mgmt Plant Pathology major at OSU but does not guarantee admission into the university

Sponsor: The Ohio State University Department of Plant Pathology

Who's Eligible? Individuals= Y Teams=N

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

Who's Eligible? Individuals= Y Teams=Y

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

Who's Eligible? Individuals= Y Teams=N

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: The Ohio State University Department of Food Science & Technology

Who's Eligible? Individuals= Y Teams=N

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: 5-8

Award: \$50 Cash and Certificate (4)

Sponsor: Ohio University

Who's Eligible? Individuals= Y Teams=Y

182 Outstanding Project in Plant Pathology

For: Outstanding project in the field of plant health or plant disease

Grade: 9-12

Award: 1st - \$50 gift card and certificate. 2nd place - certificate

Sponsor: The Ohio State University Department of Plant Pathology

Who's Eligible? Individuals= Y Teams=N

189 Association of Ohio Music Therapists - 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: 5-12

Award: 1st place - \$100 & 2nd place - \$50 and recognition by Association of Ohio Music Therapists at state conference and in organization's publication

Sponsor: Association of Ohio Music Therapists

Who's Eligible? Individuals= Y Teams=N

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: The Ohio State University Chapter of Sigma Xi

Who's Eligible? Individuals= Y Teams=N

192 Case Engineering and Applied Science Award

For: Successful admission into Case Western Reserve University

Grade: 10-11

Award: \$20,000 for each of the four years

Sponsor: Case Western Reserve University

Who's Eligible? Individuals= Y Teams=N

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

Who's Eligible? Individuals= Y Teams=N

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: \$1,000 scholarship, plaque and award presentation at the OWEA Conference

Sponsor: Ohio Water Environment Association

Who's Eligible? Individuals= Y Teams=N

205 University of Mount Union State Science Day Scholarship

For: Outstanding performance in a science research project at State Science Day & 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 University of Mount Union and enrolled as a full-time undergraduate student.

Renewable up to three years if a 3.0 GPA is maintained

Sponsor: University of Mount Union

Who's Eligible? Individuals= Y Teams=N

212 Software Innovations for Healthier Living

For: Proof of concept apps that improve quality of life for general wellness or specific health/medical conditions. Judged based on ease of use and potential impact on population health.

Grade: 5-12

Award: 1st - \$500 cash 2nd - \$250 3rd - \$100 cash

Sponsor: Gracie Plum Investments

Who's Eligible? Individuals= Y Teams=Y

217 Governor's Thomas Edison Award for Advanced or Alternative Energy Scholarship

For: For excellence in alternative energy

Grade: 10-12

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 Development Services Agency

Who's Eligible? Individuals= Y Teams=N

218 The Ohio State University College of Engineering Scholarship

For: Best project in Engineering

Grade: 10-11

Award: One \$1,000 scholarship, renewable for up to 3 yrs. Must remain engineering major (advisor approved schedule) & 3.0 cum. GPA for duration of scholarship.

Sponsor: The Ohio State University College of Engineering

Who's Eligible? Individuals= Y Teams=N

221 SOLAE Foundation Award for Turning Science Fiction into Science Fact

For: Outstanding project in a new or developing area of science/technology using innovative approaches/techniques to extend existing knowledge beyond it's current limits. Source material is in whole or part from Science Fiction.

Grade: 5-12

Award: One project from grades 5-8 and one project from grades 9-12 will each receive one \$500 cashier check and 4 memberships to Marcon 51. Up to 10 honorable mentions may be awarded with \$100 cashier check per award.

Sponsor: SOLAE Foundation

Who's Eligible? Individuals= Y Teams=N

230 Ohio Soybean Bioscience Team Award

For: Best team project using soybeans in areas of biology, chemistry, engineering, physics or earth/environmental science

Grade: 5-12

Award: One team award. Maximum total value of award \$250. Depending on team size, sponsor will determine each team member's award.

Sponsor: The Ohio Soybean Council Foundation

Who's Eligible? Individuals= N Teams=Y

232 NOKIA Applied Science, Technology & Innovation Award

For: Outstanding individual project demonstrating new technologies to solve problems. Project should focus on electrical & mechanical engineering, communications (voice, data, wireless, etc), IP networking or computer control.

Grade: 6-12

Award: Three awards in each of the two grade spans (6-9) & (10-12) : 1st - \$200 2nd - \$100 & 3rd - \$50

Sponsor: NOKIA

Who's Eligible? Individuals= Y Teams=N

233 The OSCA's Innovation in Proactive and Conservative Healthcare Award
For: The OSCA's award will be given to the project showing the most innovation in the field of conservative mgmt (non-surgical/non-pharmaceutical) of any health issue or proactive measures to prevent any disease process.

Grade: 5-12

Award: One \$500 scholarship and an interview of the award winner on the Ohio State Chiropractic Association's weekly Youtube video cast distributed to it's over 950 members.

Sponsor: The Ohio State Chiropractic Association

Who's Eligible? Individuals= Y Teams=N

234 David J. Horn Stone Lab Entomology Scholarship

For: Best project by a student in high school interested in entomology

Grade: 9-12

Award: Scholarship to cover in-state tuition, room & board, and lab fee for ENTMLGY 1260 "Introductory Insect Field Biology" summer field course offered at Ohio State's Stone Lab

Sponsor: Ohio State University Department of Entomology

Who's Eligible? Individuals= Y Teams=N

235 The Science of Public Health Award

For: The project must focus on the field of public health - infection/chronic disease, healthy environment or healthy behaviors, and should focus on posing an idea or plan for preventative or improvement of the condition.

Grade: 9-12

Award: Two \$500 scholarships to be awarded

Sponsor: The Ohio Public Health Association

Who's Eligible? Individuals= Y Teams=N

236 Rio Grande State Science Day Chemistry Scholarship

For: Outstanding performance at State Science Day

Grade: 11-12

Award: \$2500 tuition scholarship; renewable for three additional years with a 3.0 GPA as a full time student studying chemistry at the University of Rio Grande

Sponsor: University of Rio Grande

Who's Eligible? Individuals= Y Teams=N

238 Nationwide Children's Hospital Research Institute Trainee Association (RITA)

For: Outstanding research and project in biomedical sciences

Grade: 9-12

Award: 1st - \$250; 2nd - \$100 and 3rd - \$50

Sponsor: Nationwide Children's Hospital Research Institute Trainee Association (RITA)

Who's Eligible? Individuals= Y Teams=N

239 OTTA \$1,000 Scholarship

For: Fourteen Individual \$1,000 scholarships with the Ohio Tuition Trust Authority. Determined after competition.

Grade: 5-6

Award: \$1,000 scholarships with the Ohio Tuition Trust Authority

Sponsor: OTTA

240 OTTA \$1,500 Scholarship

For: One overall \$1,500 scholarship with the Ohio Tuition Trust Authority. Determined after competition.

Grade: 5-6

Award: \$1,500 scholarship with the Ohio Tuition Trust Authority

Sponsor: OTTA