STATE SCIENCE DAY 2023

http://www.ohiosci.org/  https://ssd.ohiosci.org/

SCHOLARSHIPS AND SPONSORED AWARDS

STATE SCIENCE DAY IS SPONSORED by The Ohio Academy of Science, AMGEN Foundation, Ohio’s 529 CollegeAdvantage, The Ohio State University, American Electric Power Foundation, Battelle, Broadcom Foundation, CAS - A Division of the American Chemical Society, Charles River, Kent State University, Kokosing, and The Ohio Environmental Education Fund. The Ohio Academy of Science expresses its appreciation to the nearly 50 sponsors of scholarships and awards at State Science Day.

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 disqualifications 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.
College Scholarships

**011 University of Akron Scholarship**
**For:** Outstanding performance in a science or engineering project  
**Grade:** 11  
**Award:** $1,500 tuition scholarship, renewable for three additional years. NO teams may sign up for this award.  
**Sponsor:** University of Akron  
**Who’s Eligible?** Individuals= Y Teams=N

**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

**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 2024  
**Sponsor:** The Friends of Stone Laboratory, The Ohio State University  
**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 attending an Ohio College only: Grades 10-12: 1st, $1,750; 2nd, $1,000; 3rd, $750. Grades 7-9: same criteria – 1st, $1,000; 2nd, $500; 3rd, $250.  
**Sponsor:** Ohio Development Services Agency  
**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 attending an Ohio College only: Grades 10-12: 1st, $1,750; 2nd, $1,000; 3rd, $750. Grades 7-9: same criteria – 1st, $1,000; 2nd, $500; 3rd, $250.  
**Sponsor:** Ohio Development Services Agency  
**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

**169 Science of Food**
**For:** 1st place for project in bio chemistry, biomedical or health sciences, chemistry, microbiology or food science as it relates to food. Https://fst.osu.edu (for more dept information)  
**Grade:** 10-12  
**Award:** $3,000 scholarship (one time award) to attend the Ohio State University Columbus campus, full time, in the Department of Food Science and Technology  
**Sponsor:** The Ohio State University Department of Food Science & Technology  
**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

**217 Governor’s Thomas Edison Award for Advanced or Alternative Energy Scholarship**
**For:** For excellence in alternative energy  
**Grade:** 7-12  
**Award:** Tuition only scholarships attending an Ohio College only: Grades 10-12: 1st, $1,750; 2nd, $1,000; 3rd, $750. Grades 7-9: same criteria – 1st, $1,000; 2nd, $500; 3rd, $250.  
**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:** Two $2500 scholarships, 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

**244 Ohio Northern University State Science Day Scholarship**
**For:** Outstanding performance on a state science day project. Must enroll at ONU in a STEM area  
**Grade:** 10-11  
**Award:** $2,000 renewable scholarship, up to three additional years  
**Sponsor:** Ohio Northern University  
**Who’s Eligible?** Individuals= Y Teams=N

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**THE OHIO ACADEMY OF SCIENCE, STATE SCIENCE DAY SCHOLARSHIPS AND SPONSORED AWARDS, 5930 WILCOX PLACE STE F, DUBLIN OH 43016. PHONE 614.389.2182 EMAIL INFO@OHIOSCI.ORG**
249 Bobcat tuition scholarship in Biological Sciences
For: Any study in the areas of ecology, evolution, or conservation biology or biomedical sciences
Grade: 11-12
Award: Four $500 scholarships
Sponsor: Department of Biological Sciences, Ohio University
Who’s Eligible? Individuals= Y Teams=N

264 UNOH Robotics & Automation Technology Scholarship
For: Outstanding project receiving an Excellent or higher rating & has completed an application for University of Northwestern Ohio
Grade: 11-12
Award: One Scholarship for the Robotics and Automation Technology Program at University of Northwestern Ohio
Sponsor: University of Northwestern Ohio
Who’s Eligible? Individuals= Y Teams=N

Sponsored Awards that may span several project categories

Please read carefully

018 Ohio Soybean Bioscience Award
For: For best projects that relate soybeans to food science, water quality, soil health, plant health, food production, environmental quality or industrial applications. Go to grownextgen.org/sciencefair for more ideas and information on how to qualify.
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

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

133 Interdisciplinary Research Award
For: An outstanding team project, demonstrating commitment to furthering scientific knowledge in the team’s chosen field. Two awards will given, one to a team in 7-9 and one given to a team in the 10-12th grade group.
Grade: 7-9, 10-12
Award: Up to 4 plaques will be given for each team (1 team 7-9th grade and 1 team 10-12th grade) with team members each receiving a plaque and 1 year of American Scientist.
Sponsor: Sigma Xi, Ohio State Chapter
Who’s Eligible? Individuals= N Teams=Y

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= N Teams=Y

230 Ohio Soybean Bioscience Team Award
For: For best team projects that relate soybeans to food science, water quality, soil health, plant health, food production, environmental quality or industrial applications. Go to https://grownextgen.org/sciencefair for more ideas and information on how to qualify for this award
Grade: 5-12
Award: One team award. Maximum total value of award $1,000. 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

257 Believe in Ohio STEM Entrepreneurship Award
For: Projects that show potential for a commercialized solution to a problem or product development.
Grade: 8-11
Award: $200 cash award and an automatic entry into next years Believe in Ohio - Qualifying Competition. The automatic entry requires the submission of a STEM Commercialization or STEM Business Plan as outlined at www.ohiosci.org - Up to 18 projects.
Sponsor: The Ohio Academy of Science
Who’s Eligible? Individuals= Y Teams=Y

258 Osmon Ramsey Environmental & Natural Science Award
For: Outstanding research in the areas of earth & environmental science and animal sciences.
Grade: 5-12
Award: One $250 Award for each of the grade categories (5-6), (7-8), (9-10) and (11-12)
Sponsor: The Ohio Academy of Science
Who’s Eligible? Individuals= Y Teams=Y
Animal Science, Behavioral Sciences, Biochemistry, Botany, Medicine & Health, Microbiology & 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: 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, food microbiology, flavor chemistry, food packaging, sensory evaluation and nutrition (not general agriculture, biology, microbiology or genetics).
Grade: 10-12
Award: 1st, $500 gift card; 2nd, $400 gift card; 3rd, $300 gift card; all receive invitation to Nestle for tour, lunch and presentation of their research to employees
Sponsor: Nestle Product Technology Center, Marysville
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

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)
Sponsor: Ohio Osteopathic Association
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

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 Therapist at state conference and in organization’s publication
Sponsor: Association of Ohio Music Therapists
Who’s Eligible? Individuals= Y Teams=N

190 Evolutionary Biology Award
For: An outstanding student project in the field of evolutionary biology
Grade: 7-12
Award: Plaque and one year of American Scientist Magazine
Sponsor: The Ohio State University Chapter of Sigma Xi
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 ENMLGY 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
Mathematics, Computer Science, Engineering and Physics

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
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, $200 & plaque; 2nd, $150 & plaque; 3rd, $100 & plaque in each of the two grade categories (5-8, 10-12)
Sponsor: American Society of Civil Engineers, Central Ohio Section & Ohio Council
Who's Eligible? Individuals= Y Teams=N
Chemistry, Earth & Space Sciences, Energy and Environmental Sciences

070 Dick Goddard Honorary Young Atmospheric Scientist Award
For: Outstanding projects in atmospheric and related oceanic and hydrologic sciences
Grade: 5-12
Award: 1st, $1000 & certificate; 2nd, $750 & certificate; 3rd, $250 & 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 mention $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

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 team members may not sign up.
Grade: 7-12
Award: 1st, 2nd, 3rd, Honorable Mention, $100 & certificate - up to four awards per grade level
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: Recipients to receive a $100 award
Sponsor: Ohio Environmental Health Association
Who's Eligible? Individuals= Y Teams=Y

260 Green Energy Ohio Student Achievement Award in Advanced or Alternative Energy
For: Project that displays an innovative and unique approach to reducing energy use or promoting renewable energy generation
Grade: 7-12
Award: One Award of $250 Visa or Master gift card and an article in the GEO newsletter
Sponsor: Green Energy Ohio
Who's Eligible? Individuals= Y Teams=Y

If you or your organization is interested in providing a Scholarship or Sponsored Award for students at State Science Day, please email Michael Woytek at mwoytek@ohiosci.org, or call 614-389-2182 for sponsorship opportunities.
ADDITIONAL AWARDS

NOT AVAILABLE FOR PRE-REGISTRATION
DO NOT ATTEMPT TO SIGN UP FOR THESE AWARDS

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 attending an Ohio College only:
Grades 10-12: 1st, $1,750; 2nd, $1,000; 3rd, $750. Grades 7-9: same criteria – 1st, $1,000; 2nd, $500; 3rd, $250.
Sponsor: Ohio Development Services Agency
Who’s Eligible? Individuals= Y Teams=N

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

OTTA $1,000 Scholarship
For: Fourteen Individual $1,000 scholarships with the Ohio Tuition Trust Authority in a 529 plan. Determined after competition is complete.
Grade: 7-6
Award: OTTA $1,000 Scholarship
Sponsor: Ohio Tuition Trust Authority
Who’s Eligible? Individuals= Y Teams=N

OTTA $1,500 Scholarship
For: One overall $1,500 scholarship with the Ohio Tuition Trust Authority in a 529 plan. Determined after competition.
Grade: 5-6
Award: $1,500 Scholarship
Sponsor: Ohio Tuition Trust Authority
Who’s Eligible? Individuals= Y Teams=N

Dr. Lynn E. Elffner Young Scientist Award
For: Awardees selected by OAS Staff for outstanding projects in grades 5-8.
Grade: 5-8
Award: Ten $100 awards given to select students in each of the four grades, for a total of forty awards.
Sponsor: The Ohio Academy of Science
Who’s Eligible? Individuals= Y Teams=Y

Thermo Fisher Scientific Junior Innovators Challenge
For: 10% of the students participating at State Science Day can be nominated for this competition
Grade: 6-8
Award: Apply to participate in the Thermo Fisher Scientific Junior Innovators Challenge event.
Sponsor: Society for Science & The Public
Who’s Eligible? Individuals= Y Teams=Y

Columbia Gas of Ohio State Science Day Scholarship
For: For projects that demonstrate a technological advancement for conserving energy or for producing an alternative source of energy
Grade: 9-12
Award: One $2,000 Scholarship
Sponsor: Columbia Gas of Ohio
Who’s Eligible? Individuals= Y Teams=N

The Lemelson Early Inventor Prize
For: Outstanding innovation project
Grade: 6-8
Award: $100 award to a 6th-8th grade inventor
Sponsor: The Lemelson Foundation via Society for Science & The Public
Who’s Eligible? Individuals= Y Teams=N

JLG Excellence in Engineering Award
For: For projects that demonstrate design or fabrication of a machine or device, using problem solving, using mechanical, electrical or computer engineering
Grade: 5-12
Award: $100 Amazon gift card
Sponsor: JLG (an Oshkosh Corporation Company)
Who’s Eligible? Individuals= Y Teams=N

DoD STEM Leadership Award
For: Exemplary leadership qualities through excellent communication skills and creative thinking.
Grade: 6-8
Award: $100 Award for 6-8th grade student
Sponsor: Society for Science & The Public
Who’s Eligible? Individuals= Y Teams=Y

Broadcom Coding with Commitment
For: 1. STEM Knowledge and 2. Coding/Computation in the project’s research, design, or development that 3. Expresses Passion for helping or improving one’s community.
Grade: 6-9
Award: Public recognition at Broadcom Foundation-sponsored competitions and showcases with the receipt of a formal certificate from the Broadcom Foundation, and $250 Dollar Gift Certificate, and Raspberry Pi Foundation Official RP 400 Personal Computer Kit
Sponsor: Broadcom Foundation
Who’s Eligible? Individuals= Y Teams=Y

The Ohio Academy of Science, State Science Day Scholarships and Sponsored Awards, 5930 Wilcox Place Ste F, Dublin OH 43016. Phone 614.389.2182 email INFO@OHIOSCI.ORG