



THE OHIO STATE UNIVERSITY



STATE SCIENCE DAY 2019

<http://www.ohiosci.org/ssd>

Hosted on May 11, 2019 by The Ohio State University

SCHOLARSHIPS AND SPONSORED AWARDS

STATE SCIENCE DAY IS SPONSORED by The Ohio Academy of Science, The Ohio State University, American Electric Power Foundation, The Ohio Environmental Education Fund, Ohio's 529 CollegeAdvantage, Battelle, Enthicon, CAS - A Division of the American Chemical Society, Charles River and is hosted at the French Field House and St. John Arena at The Ohio State University in Columbus. The Ohio Academy of Science expresses its appreciation to the nearly 100 sponsors of scholarships and awards at State Science Day. This list includes college scholarships, cash, publications and bond prizes for students.



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

011 UNIVERSITY OF AKRON SCHOLARSHIP

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

Sponsor: University of Akron

012 UNIVERSITY OF TOLEDO SCIENCE ACHIEVEMENT SCHOLARSHIP

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

Sponsor: University of Toledo

018 OHIO SOYBEAN BIOSCIENCE AWARD

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

Sponsor: The Ohio Soybean Council Foundation

019 STONE LABORATORY SCHOLARSHIP

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 2020

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

023 STATISTICAL ANALYSIS AWARD

Award: Book and certificate

Sponsor: American Statistical Association, Columbus Chapter

028 BEHAVIORAL SCIENCE AWARD

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

030 MILT AUSTIN AQUATIC SCIENCE AWARD

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

031 FOOD SCIENCE AND ENGINEERING AWARD

Award: 1st, \$500; 2nd, \$300; 3rd, \$200; all receive certificates & award will be a VISA gift card given to awardees

Sponsor: Nestle Product Technology Center, Marysville

033 GOVERNOR'S THOMAS EDISON AWARD FOR EXCELLENCE IN BIOTECHNOLOGY & BIOMEDICAL TECHNOLOGIES

Award: Tuition only scholarships attending an Ohio College only: Grades 10-12: 1st, \$1,250; 2nd, \$750; 3rd, \$500. Grades 7-9: same criteria – 1st - \$1,000 and 2nd - \$500. There is no 3rd place for grades 7-9.

Sponsor: Ohio Development Services Agency

050 VETERINARY MEDICINE AWARD

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

Sponsor: Ohio Veterinary Medical Association Auxiliary

053 AMERICAN SOCIETY OF HIGHWAY ENGINEERS AWARD

Award: Two \$250 awards

Sponsor: American Society of Highway Engineers, Central Ohio Section

058 EWI AWARD

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

059 ENGINEERING ACHIEVEMENT AWARD

Award: 1st, \$100; 2nd, \$50; 3rd, \$50; 4th and 5th, certificates

Sponsor: Engineers Foundation of Ohio

061 EXCELLENCE AWARD FOR CIVIL ENGINEERING PROJECTS

Award: 1st, \$200 & plaque; 2nd, \$150 & plaque; 3rd, \$100 & plaque in each of the two grade categories (5-9, 10-12)

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

067 OUTSTANDING PHYSICS PROJECT AWARD

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: The American Physics Society - OH Region Section & Southern Ohio Section of the American Assoc of Physics Teachers

070 AMERICAN METEOROLOGICAL SOCIETY AWARD

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

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

079 GEOLOGICAL AWARD

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

080 GOVERNOR'S AWARD FOR EXCELLENCE IN ENVIRONMENTAL PROTECTION RESEARCH

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

Sponsor: Ohio Environmental Education Fund

086 OWEA WATER ENVIRONMENT SCIENCE AWARD

Award: 1st, \$500 award check & certificate; 2nd, \$300 award check & certificate; 3rd, \$200 award check & certificate

Sponsor: Ohio Water Environment Association

087 OHIO ENVIRONMENTAL HEALTH ASSOCIATION AWARD

Award: Recipients to receive a \$100 award

Sponsor: Ohio Environmental Health Association

090 SOIL AND WATER CONSERVATION AWARD

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

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

106 GOVERNOR'S THOMAS EDISON AWARD FOR ADVANCED MATERIALS

Award: Tuition only scholarships attending an Ohio College only: Grades 10-12: 1st, \$1,250; 2nd, \$750; 3rd, \$500. Grades 7-9: same criteria – 1st - \$1,000 and 2nd - \$500. There is no 3rd place for grades 7-9.

Sponsor: Ohio Development Services Agency

108 SOCIETY OF PETROLEUM ENGINEERS AWARD

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

133 INTERDISCIPLINARY RESEARCH AWARD

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

134 AMERICAN CHEMICAL SOCIETY COLUMBUS SECTION - CHEMICAL SCIENCES AWARD

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

136 CLEVELAND MUSEUM OF NATURAL HISTORY'S OUTSTANDING NATURALIST AWARD

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

139 OHIO OIL AND GAS ENERGY EDUCATION PROGRAM AWARD

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

Sponsor: Ohio Oil and Gas Energy Education Program Award

145 OSTEOPATHIC MEDICAL AWARD

Award: 1st, \$150; 2nd, \$100; 3rd, \$75 in each grade categories (7-9, 10-12)

Sponsor: Ohio Osteopathic Association

147 GOVERNOR'S THOMAS EDISON AWARD FOR EXCELLENCE IN INFORMATION SCIENCE & TECHNOLOGY RESEARCH

Award: Tuition only scholarships attending an Ohio College only: Grades 10-12: 1st, \$1,250; 2nd, \$750; 3rd, \$500. Grades 7-9: same criteria – 1st - \$1,000 and 2nd - \$500. There is no 3rd place for grades 7-9.

Sponsor: Ohio Development Services Agency

148 FUTURE PHYSICIAN - SCIENTIST AWARD

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

157 PLANT PATHOLOGY SCHOLARSHIP AT THE OHIO STATE UNIVERSITY

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

159 OHIO UNIVERSITY DEPARTMENT OF PHYSICS & ASTRONOMY AWARD OF EXCELLENCE

Award: \$100 Cash and Certificate (3)
Sponsor: Ohio University Department of Physics & Astronomy

160 OHIO UNIVERSITY DEPARTMENT OF PHYSICS & ASTRONOMY SCHOLARSHIP

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

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

178 OHIO UNIVERSITY DEPARTMENT OF PHYSICS & ASTRONOMY YOUNG SCIENTIST AWARD

Award: \$50 Cash and Certificate (4)
Sponsor: Ohio University

182 OUTSTANDING PROJECT IN PLANT PATHOLOGY

Award: 1st - \$50 gift card and certificate. 2nd place - certificate
Sponsor: The Ohio State University Department of Plant Pathology

189 ASSOCIATION OF OHIO MUSIC THERAPISTS - PSYCHOLOGY OF MUSIC/MUSIC THERAPY AWARD

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

190 EVOLUTIONARY BIOLOGY AWARD

Award: Plaque and one year of American Scientist Magazine
Sponsor: The Ohio State University Chapter of Sigma Xi

192 CASE ENGINEERING AND APPLIED SCIENCE AWARD

Award: \$25,000 for each of the four years
Sponsor: Case Western Reserve University

197 OWEA WATER ENVIRONMENT SCIENCE AWARD

Award: \$1,000 scholarship, plaque and award presentation at the OWEA Conference
Sponsor: Ohio Water Environment Association

205 UNIVERSITY OF MOUNT UNION STATE SCIENCE DAY SCHOLARSHIP

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

217 GOVERNOR'S THOMAS EDISON AWARD FOR ADVANCED OR ALTERNATIVE ENERGY SCHOLARSHIP

Award: Tuition only scholarships attending an Ohio College only: Grades 10-12: 1st, \$1,250; 2nd, \$750; 3rd, \$500. Grades 7-9: same criteria – 1st - \$1,000 and 2nd - \$500. There is no 3rd place for grades 7-9.

Sponsor: Ohio Development Services Agency

218 THE OHIO STATE UNIVERSITY COLLEGE OF ENGINEERING SCHOLARSHIP

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

221 SOLAE FOUNDATION AWARD FOR TURNING SCIENCE FICTION INTO SCIENCE FACT

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

230 OHIO SOYBEAN BIOSCIENCE TEAM AWARD

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

234 DAVID J. HORN STONE LAB ENTOMOLOGY SCHOLARSHIP

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

236 RIO GRANDE STATE SCIENCE DAY CHEMISTRY SCHOLARSHIP

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

238 NATIONWIDE CHILDREN'S HOSPITAL RESEARCH INSTITUTE TRAINEE ASSOCIATION (RITA)

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

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

239 OTTA \$1,000 SCHOLARSHIP

Award: OTTA \$1,000 Scholarship

Sponsor: Ohio Tuition Trust Authority

240 OTTA \$1,500 SCHOLARSHIP

Award: \$1,500 Scholarship

Sponsor: Ohio Tuition Trust Authority

243 OTTERBEIN STATE SCIENCE DAY AWARD

Award: Up to twenty-five \$1,000 scholarships, renewable for up to three additional years

Sponsor: Otterbein University

244 OHIO NORTHERN UNIVERSITY STATE SCIENCE DAY SCHOLARSHIP

Award: \$2,000 renewable scholarship, up to three additional years

Sponsor: Ohio Northern University

245 WASMER, SCHROEDER & COMPANY AWARD

Award: Ten \$100 cash awards with a certificate
Sponsor: Wasmer, Schroeder & Company Award

246 DR. LYNN E. ELFNER YOUNG SCIENTIST AWARD

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

247 SOCIETY OF EXPERIMENTAL TEST PILOT EXCELLENCE IN FLIGHT SCIENCES

Award: \$250 cash award, SETP Award Plaque and invitation to the SETP Great Lakes Section Symposium in Beavercreek, Ohio (May 2018, up to \$200 travel expenses covered)
Sponsor: The Society of Experimental Test Pilots (SETP)

248 AMERICAN PHYSIOLOGICAL SOCIETY AWARD

Award: One award given = An APS certificate and an APS prize pack. The teacher of the winning student will also receive an APS resource packets and associated book(s).
Sponsor: The American Physiological Society, as judged by the Ohio State University Chapter of Sigma Xi

249 BOBCAT TUITION SCHOLARSHIP IN BIOLOGICAL SCIENCES

Award: Two \$500 scholarships
Sponsor: Department of Biological Sciences, Ohio University

250 BROADCOM MASTERS

Award: 10% of the students participating at State Science Day can apply for this competition
Sponsor: Society for Science & The Public

251 OUTSTANDING CIVIL/ENVIRONMENTAL ENGINEERING AWARD

Award: 1st place - \$250 check, 2nd place - \$150 check, 3rd place - \$100 check
Sponsor: The Mannik & Smith Group, Inc.

252 COLUMBIA GAS OF OHIO STATE SCIENCE DAY SCHOLARSHIP

Award: Two \$2,000 Scholarships
Sponsor: Columbia Gas of Ohio

253 PEPPERMAN-ALPERT MEMORIAL SCHOLARSHIP

Award: \$50 Gift Card
Sponsor: Pepperman-Alpert Memorial Scholarship