



Badger State Science and Engineering Fair Award List

Category	Criteria	Eligibility	1ST place	2 nd place	3rd place
Behavioral/Social Science		<ul style="list-style-type: none"> High school student 	Certificate, medallion	Certificate, medallion	Certificate, medallion
Biology.		<ul style="list-style-type: none"> High school student 	Certificate, medallion,	Certificate, medallion,	Certificate, medallion,
Chemistry/Biochemistry		<ul style="list-style-type: none"> High school student 	Certificate, medallion,	Certificate, medallion,	Certificate, medallion,
Environmental Science		<ul style="list-style-type: none"> High school student 	Certificate, medallion,	Certificate, medallion,	Certificate, medallion,
Engineering		<ul style="list-style-type: none"> High school student 	Certificate, medallion,	Certificate, medallion,	Certificate, medallion,
Math/Computers		<ul style="list-style-type: none"> High school student 	Certificate, medallion,	Certificate, medallion,	Certificate, medallion,
Medicine/Health		<ul style="list-style-type: none"> High school student 	Certificate, medallion	Certificate, medallion	Certificate, medallion
Physics		<ul style="list-style-type: none"> High school student 	Certificate, medallion,	Certificate, medallion,	Certificate, medallion,
Specialty Award	Criteria	Eligibility	1ST place	2 nd place	3rd place
American Meteorological Society	Achievement for Creative Scientific Endeavor in Atmospheric and related Oceanic & Hydrologic Sciences	<ul style="list-style-type: none"> Atmospheric and related Oceanic & Hydrologic Sciences High School student 	Certificate	Certificate	
American Psychological Association (APA)	Outstanding research in Psychology under the category of Behavioral and Social Sciences.	<ul style="list-style-type: none"> Behavioral/Social Science Psychology project High school student 	Certificate		
American Society for Quality (ASQ)	Projects will be reviewed for precision of thought, creativity and application	<ul style="list-style-type: none"> Project in Quality processing High school student 	Savings Bond, and invitation to ASQ banquet	Savings Bond, and invitation to ASQ banquet	
ASM International Materials Foundation (Milwaukee Chapter)	Materials – related concepts, demonstration of structure, processing, properties, performance relationships. Clarity of methods, aesthetics and presentation.	<ul style="list-style-type: none"> Project in Materials High school student 	Medallion, Certificate		



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Association of Women Geoscientists (AWG)	High standard of innovativeness and scientific excellence in the geosciences. Special considerations given to projects that increase the public awareness of the geosciences, illustrate the interdisciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system.	<ul style="list-style-type: none"> • Project in geosciences • High school student or female only 	Certificate		
American Nuclear Society	Best use of radiation science	<ul style="list-style-type: none"> • High School Student 			
Blomquist Family Foundation	To encourage and promote the study of science, engineering, math, and or technology in all Wisconsin students.	<ul style="list-style-type: none"> • First time science fair participant • High School student • Up to 50 awards per fair 	Certificate and subscription to Popular Science	Certificate and subscription to Popular Science	Certificate and subscription to Popular Science
CH2M Hill Award for Best Environmental Engineering Project	For the project that best applies the principles of Civil and Environmental Engineering. Examples: Planning, design and construction of environmental improvements, i.e. pipeline, sewers, roads and bridges. Environmental improvements may include water and waste water treatment, ground water, air quality or wetlands management.	<ul style="list-style-type: none"> • Projects in either Civil or Environmental engineering • High school student 	Civil Engineering Project: \$50 individual or \$25 each team member and a Certificate	Environmental Project: \$50 individual or \$25 each team member and a Certificate	
Blomquist Participation		<ul style="list-style-type: none"> • All fair participants 	Certificate \$25 Cash Award		
Intel Excellence in Computer Science Award 2008	To encourage increased participation on Computer Science, an important source of innovation for the 21 st century.	<ul style="list-style-type: none"> • Computer Science project • High School student 	Certificate and \$200		



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MU Alpha Theta	The most challenging, original, thorough and creative investigation of a problem involving modern mathematics. (The project does not have to be entered into the math category.)	<ul style="list-style-type: none"> • Mathematics project • High School student 	Certificate		
National Association of Corrosion Engineers – Wisconsin Chapter	The project that best displays awareness of corrosion principles.	<ul style="list-style-type: none"> • • • Corrosion project • High School student 	Certificate and \$50		
National Society of Professional Engineers NSPE	Demonstrate applied Engineering principles, technical competence, ethical implications and good verbal and written presentation.	<ul style="list-style-type: none"> • Engineering project • High School student 	Lapel pin, subscription Engineering Times, NSPE Information		
RICOH Sustainable Development Award	Have principles and technical innovations that offer the greatest potential for increasing our ability to grow environmentally friendly and socially responsible businesses. Protect the environment, prevent pollution and use all resources in a sustainable manner	<ul style="list-style-type: none"> • Environmentally focused project • High School student 	Certificate and subscription to Science News.		
Rockwell Automation	Best engineering project using electronics	<ul style="list-style-type: none"> • Engineering project with focus on electronics • High School student 	Certificate and cash		
UWM Darwin Award	Best project incorporating evolutionary biology to honor the bicentennial of the birth of Charles Darwin		\$100 individual / \$50 each team member and a Certificate.	\$100 individual / \$50 each team member and a Certificate	
Society for In Vitro Biology	Eleventh Grade student exhibiting in the areas of Plant or Animal in In Vitro Biology or Tissue Culture.	<ul style="list-style-type: none"> • Plant or animal In vitro biology project • High School Junior (11th grade) 	Formal letter of congratulations & publication in news letter		



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United States Air Force	To encourage studies in Math and Science and to look for projects that could have some Air Force applicability.	<ul style="list-style-type: none"> • Math or science project with Air force applicability • High School student 	Certificate and prizes to be determined by the Air Force		
United States Army	Awards in 5 categories Engineering; Environmental Sciences; Mathematics/computer sciences; Life Sciences; Physical Sciences	<ul style="list-style-type: none"> • Engineering, Environmental, Math/computer, Life science, or Physical science project • High School student 	Certificate. Fair winner a Silver medallion.		
U.S. Department of Commerce NOAA	"Taking the pulse of the planet." General award whose research emphasizes NOAA's mission to understand and predict changes in the earth's environment and conserve and manage coastal and marine resources.	<ul style="list-style-type: none"> • Environmental changes project. • High School student 	Certificate, Medallion and letter		
U.S. Department of Health & Human Services U.S. Public Health Service	Focus on improving the mind, body and spirit of the growing child. Children should be physically active, eat healthy foods in healthy portions and stay away from tobacco and alcohol and practice prevention and safety. Award winning projects should creatively illustrate and expand upon these statements.	<ul style="list-style-type: none"> • Benefits of Physical activity focused project • High School student 	Certificate		
U.S. Metric Association	Project must involve a significant amount of quantitative data or measurements which best use the SI Metric System for those measurements.	<ul style="list-style-type: none"> • Project containing Quantitative data measurements • High School student 	Certificate		
U.S. Department of the Navy/Marine Corps	Project evaluated on scientific approach, original notebook, thoroughness, ingenuity & creativity, clarity, skill and student advancement in science. What the student learned about the subject and the process, their display exhibit, intelligent discussion and originality.	<ul style="list-style-type: none"> • Project process focused • High School Student 	Certificate and award letter, ONR metal, and gift certificate \$75.00		
		<ul style="list-style-type: none"> • 			



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Water Environment Federation U.S. Stockholm Junior Water Prize	Improvement of the quality of life through water quality; water resources management; water protection or water and waste water treatment. Relevance: on originality, methodology and approach, subject matter knowledge and ingenuity. Open to theoretical and applied science-based projects.	<ul style="list-style-type: none"> • Water Science Project • Student must submit research paper by April 15th. 	Orlando, FL. SJWP Medal, Certificate, may be published in U.S. SJWP Research Journal.		
Yale Science & Engineering Association, Inc.	The most outstanding eleventh grade exhibit in Computer Science Engineering, Physics or Chemistry.	<ul style="list-style-type: none"> • Computer Science, Engineering, Physics or Chemistry project • High School Junior (11th grade) 	Certificate and Medallion.		



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Grand Awards	Criteria	Eligibility	1 st Place	2 nd Place	Team
State of Wisconsin-Governor's Young Scientist Award	To the student whose project most promotes scientific progress in Wisconsin with a Wisconsin viewpoint, current Wisconsin topic, or Wisconsin natural resource. Must be a well-researched project and well presented	Wisconsin viewpoint, Wisconsin Natural Resource, or current Wisconsin topic (environmental, economic, or scientific)	A letter of congratulations from the Governor with a Commendation Plaque, a \$100 cash award, a tour for four of the State Capitol, and tour of a UW lab facility.		
MU College of Engineering	Senior Student who is accepted to Marquette College of Engineering for Fall 2008. Exemplary Engineering related project.	<ul style="list-style-type: none"> • Engineering project • High School Senior (12th grade) 	Renewable Scholarship for \$10,000		
WiSEF Founder's Award		<ul style="list-style-type: none"> • Freshman or Sophomore fair entrant 	Certificate and \$50		
Best-of-Fair	Criteria	Eligibility	1 ST place	2 nd place	Team
Badger State Science & Engineering Fair	Best category project presentation, thoroughness of study, and knowledge of project process and application	<ul style="list-style-type: none"> • High school student • Category Place winner 	Travel & Lodging paid trip to present at ISEF for student & mentor	Travel & Lodging paid trip to present at ISEF for student & mentor	Travel & Lodging paid trip to present at ISEF for students & mentor