



SPECIALTY AWARDS - SELF-SELECTION 2010

Date: _____

Student Name & Grade _____ Project Title _____

Please check any of the top four awards for which you and your project qualify.

Specialty Award	Criteria- Project Title	Eligibility	√
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 good presentation.	Wisconsin viewpoint, Wisconsin Natural Resource, or current Wisconsin topic (environmental, economic, or scientific)	
Marquette University College of Engineering Founder's Award	Senior Student who is accepted to Marquette College of Engineering for Fall 2010. Exemplary Engineering related project.	Engineering project by a 12 th grade senior	
Blomquist Charitable Trust	A 9 th or 10 th grader whose project best demonstrates proper use the scientific method or awareness of developing engineering goals.	Freshman or Sophomore fair entrant	
	To encourage and promote the study of science, engineering, math, and or technology in all Wisconsin students.	First time science fair participant	

You may now select any four (4) of the Specialty Awards you qualify for listed below.
Team Awards will be divided between team members.

Specialty Award	Criteria- Project Title	Eligibility	√
American Meteorological Society	Achievement for Creative Scientific Endeavor in Atmospheric and related Oceanic & Hydrologic Sciences	Atmospheric and related Oceanic & Hydrologic Sciences	
American Psychological Association (APA)	Outstanding research in Psychology under the category of Behavioral and Social Sciences.	Behavioral/Social Science Psychology project	
ASM International Materials Foundation (Milwaukee Chapter)	Materials – related concepts, demonstration of structure, processing, properties, performance relationships. Clarity of methods, aesthetics and presentation.	Materials in subject matter of project	
American Society for Quality (ASQ)	Projects will be reviewed for precision of thought, creativity and application	Quality processing project with hand-written logbook at display	
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 inter-disciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system.	Project in geosciences by a female student	
CH2M Hill Award for Best Environmental Engineering Project	Projects that best apply 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.	Civil or Environmental Engineering project (One cash award in each category)	
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.	Benefits of Physical activity focused project	



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Intel Excellence in Computer Science Award	To encourage increased participation in Computer Science, an important source of innovation for the 21 st century.	Computer Science project	
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.)	Mathematics project	
National Association of Corrosion Engineers – Wisconsin Chapter	The project that best displays awareness of corrosion principles. All Facets of corrosion control including material selection, coatings and cathodic protection.	Corrosion project	
National Society of Professional Engineers NSPE	Demonstrate applied Engineering principles, technical competence, ethical implications and good verbal and written presentation.	Engineering project	
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	Environmentally focused project	
Society for In Vitro Biology	Eleventh Grade student exhibiting in the areas of Plant or Animal in In Vitro Biology or Tissue Culture.	Plant or animal In vitro biology project by an 11 th grade junior	
International Society for Optical Engineering SPIE	Scientific research and Engineering applications of Optical, Photonic Imaging and Optoelectronic Technologies.	Must apply Optics or Photonics related technology, techniques or principles. Abstracts judged.	
United States Air Force	To encourage studies in Math and Science and engineering areas to look for projects that could have some Air Force applicability.	Math or science project with Air force applicability	
United States Army	Awards in 5 categories Engineering; Environmental Sciences; Mathematics/computer sciences; Life Sciences; Physical Sciences	Engineering, Environmental, Math/computer, Life science, or Physical science project	
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.	Environmental changes project.	
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.	Quantitative data measurements containing project	
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.	Process focused project	
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.	Water Science Project (Student must submit research paper by April 15 th .)	
Yale Science & Engineering Association, Inc.	The most outstanding eleventh grade exhibit in Computer Science Engineering, Physics or Chemistry.	Computer Science, Engineering, Physics or Chemistry project by a 11 th grade junior	