



2009

# Project Categories for High School Projects

<b>SNRSEF Category 1: Plant And Animal Science</b>	
<b>Intel Animal Sciences</b>	<b>Intel Plant Sciences</b>
Development	Agriculture/Agronomy
Ecology	Development
Animal Husbandry	Ecology
Pathology	Genetics
Physiology	Photosynthesis
Populations Genetics	Plant Physiology (Molecular, Cellular,
Systematics	Organismal
Other	Systematics & Evolution
	Other
<b>SNRSEF Category 2: Engineering</b>	
<b>Intel Engineering: Electrical &amp; Mechanical</b>	<b>Intel Engineering: Materials &amp; Bioengineering</b>
Electrical Eng., Computer Eng., Controls	Bioengineering
Mechanical Engineering,	Civil Engineering, Construction Eng.
Robotics	Chemical Engineering
Thermodynamics, Solar	Industrial Engineering, Processing
Other	Material Science
	Other
<b>SNRSEF Category 3: Chemistry</b>	
<b>Intel Chemistry</b>	<b>Intel Biochemistry</b>
Analytical Chemistry	General Biochemistry
General Chemistry	Metabolism
Inorganic Chemistry	Structural Biochemistry
Organic Chemistry	Other
Physical Chemistry	
Other	
<b>SNRSEF Category 4: Physics, Astronomy And Earth Sciences</b>	
<b>Intel Earth &amp; Planetary Science</b>	<b>Intel Physics And Astronomy</b>
Climatology, Weather	Atoms, Molecules, Solids
Geochemistry, Mineralogy	Astronomy
Paleontology	Biological Physics
Geophysics	Instrumentation And Electronics
Planetary Science	Magnetics And Electromagnetics
Tectonics	Nuclear And Particle Physics
Other	Optics, Lasers, Masers
	Theoretical Physics, Theoretical Or
	Computational Astronomy
	Other

SNRSEF reserves the right to 1) move projects submitted under one category to a different category, depending on the number of project submissions; 2) make awards in any category only at SNRSEF is at the discretion of the judges; 3) choose the Project Category for submission of winning project to Intel Int'l Fair; 4) send a winning project to Intel Int'l Fair only at the discretion of the judges.

SNRSEF HS Project Categories

The Beal Bank Nevada Southern Nevada Regional Science and Engineering Fair

at the University of Nevada, Las Vegas (UNLV)

Contact: The College of Sciences Advising Center

Telephone: 895-2077; Fax: 895-3050; e-mail: [sci.advising@unlv.edu](mailto:sci.advising@unlv.edu); web: <http://sciences.unlv.edu/engineeringfair/>

<b>SNRSEF Category 5: Molecular, Cellular And Microbiology</b>		
<b>Intel Cellular And Molecular Biology</b>	<b>Intel Microbiology</b>	
Cellular Biology	Antibiotics, Antimicrobials	
Cellular And Molecular Genetics	Bacteriology	
Immunology	Microbial Genetics	
Molecular Biology	Virology	
Other	Other	
<b>SNRSEF Category 6: Mathematical And Computer Sciences</b>		
<b>Intel Mathematical Sciences</b>	<b>Intel Computer Science</b>	
Algebra	Algorithms, Data Bases	
Analysis	Artificial Intelligence	
Applied Mathematics	Networking And Communications	
Geometry	Computational Science, Computer	
Probability And Statistics	Graphics	
Other	Software Engineering., Programming	
	Languages	
	Computer System, Operating System	
	Other	
<b>SNRSEF Category 7: Medicine And Health</b>		
<b>Intel Medicine &amp; Health Sciences</b>	<b>Intel Behavioral &amp; Social Sciences</b>	
Disease Diagnosis And Treatment	Clinical & Developmental Psychology	
Epidemiology	Cognitive Psychology	
Genetics	Physiological Psychology	
Molecular Biology Of Diseases	Sociology	
Physiology And Pathophysiology	Other	
Other		
<b>SNRSEF Category 8: Environmental, Energy &amp; Transportation</b>		
<b>Intel Environmental Sciences</b>	<b>Intel Environmental Management</b>	<b>Intel Energy &amp; Transportation</b>
Air Pollution And Air Quality	Bioremediation	Aerospace And Aeronautical Engineering,
Soil Contamination And Soil Quality	Ecosystems Management	Aerodynamics
Water Pollution And Water Quality	Environmental Engineering	Alternative Fuels
Other	Land Resource Management, Forestry	Fossil Fuel Energy
	Recycling, Waste Management	Vehicle Development
	Other	Renewable Energies
		Other

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