

2009 Louisiana Region V Science & Engineering Fair Categories

For All Divisions

Animal Sciences: Study of Animals - Development, Ecology, Genetics, Animal Husbandry, Pathology, Physiology, Systematics, Populations Genetics, Other.

Behavioral and Social Sciences: Clinical & & Developmental Psychology, Cognitive Psychology, Physiological Psychology, Sociology, Other.

Biochemistry: General Biochemistry, Metabolism, Structural Biochemistry, Other.

Cellular & Molecular Biology: Cellular Biology, Cellular and Molecular Genetics, Immunology, Molecular Biology, Other.

Chemistry: Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, General Chemistry, Other.

Computer Science: Algorithms, Data Bases, Artificial Intelligence, Networking and Communications, Computational Science, Computer, Graphics, Software Engineering, Programming, Languages, Computer System, Operating System, Other.

Earth Sciences: Climatology, Weather, Geochemistry, Mineralogy, Paleontology, Geophysics, Planetary science, tectonics, Other.

Energy & Transportation: Aerospace & Aeronautical Engineering, Aerodynamics, Fossil Fuel Energy, Vehicle Development, Renewable Energies.

Engineering: Bioengineering, Civil, Construction, Chemical, Industrial, Electrical, Computer, Controls Mechanical, Robotics, Thermodynamic, Solar Engineering, Processing Material Science, Other.

Environmental Science: Air Pollution and Air Quality, Soil Contamination and Quality, Water Pollution and Quality, Bioremediation, Ecosystems Management, Environmental Engineering, Land Resource Management, Forestry, Forestry Recycling, Waste Management, Other.

Mathematics: Algebra, Analysis, Applied Math, Geometry, Probability and Statistics, Other.

Medicine and Health: Disease Diagnosis and Treatment, Epidemiology, Genetics, Molecular Biology of Diseases, Physiology and Pathophysiology, Other.

Microbiology: Antibiotics, Antimicrobials, Bacteriology, Microbial Genetics, Virology, Other.

Physics and Astronomy: Astronomy, Atoms, Molecules, Solids, Biological Physics, Instrumentation and Electronics, Magnetics and Electromagnetics, Nuclear and Particle Physics, Optics, Lasers, Masers, Theoretical Physics, Theoretical or Computational Astronomy, Other.

Plant Sciences: Study of Plant life – Agriculture, Agronomy, Horticulture, Forestry, Plant Taxonomy, Plant Physiology, Plant Pathology, Plant Genetics, Hydroponics, Algae, Plant Systematics, Evolution, Other.

Team: Study conducted by **two** students in any discipline.