**Intel International Science Fair Winners**

[Garlic: An alternative to antibiotics](http://www.pleasanton.k12.ca.us/amador/creek/AP98/LamNg/HOME.HTM) -3rd Palce 1998 (Christina Lam & Elisa Eng)

[How does EMF effect plant physiology](http://www.pleasanton.k12.ca.us/amador/creek/AP99/Mort_Gary/DEFAULT.HTM) - 4th Place 1999 (Murtaza Mogri & Gary Hon)

[Rye Grasses ability to decontaminate soils imapcted by acid rain](http://docs.google.com/san_gwin/home.html) - 2nd Place 2000 (Sandra Oldaker & Christina Gwin)

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| **Project Name** |
| PNA for Fat |
| Isolating Plasma Species Initiating Internal Electrostatic Fields for Plasma Heating |
| Effects of Anesthetics on Channel Systems in Soybean Plants |
| Role of Fas and Fas Ligand in the Killing of Tumor Cells by Anticancer Drugs Novel Implications in Therapy |
| Rules Governing the Occurrence of Mutations Dural Viral Replication |
| How does a Male Dragonfly Recognize Other Males of the Same Species? |
| Gems Genetically Evolved Molecular Structures |
| DNA Computation of a Subset Sum: Phase II |
| Determination of a Nuclear Locolization Signal in Intergase Interactor 1 (IN11) Potential Theraputic site for HIV-1 Integration |
| Screening for Protease Inhibitors to Block HIV Maturation and Infectivity |
| Optimization of Plasmid DNA Yields for Gene Therapy |
| Detection of Novel Centrosome Dynamics in Living Cells |
| Food for the New Millenium Bacterial, No Beef Protein: Phase II |
| Role of Glial Growth Factor in Differentiation of Cortical Proginator Cells |
| Antibiotic Resistance - Fight Against Bacteria |
| Diabetes Carcohydrate Connection: Two Year Study |
| Can the Analysis of Oxygen Demand Show a Possible Loss of Marine Organisms |
| Determination of the Amino Acid Sequence of P-80 Coilin in Rats |
| Cancer Killer |
| Sex Organ Development and Interbreeding Mechanisms of Cyathea spinulosa |
| Cloning of Methionine Sulfoxide Reductase in Fruits |
| Salt Tolerant Mutant of the Ceratopteris Fern Proposal fo a New Direction in Seawater Agriculture |
| Effects of Fatty Acids on Transpiration and Temperature of Phaseolus vulgaris and Pisum sativium: Three Year Study |
| UV Radiation on Corn: Phase V |
| Effects of Root Zone Temperature on Growth of Early Girl Tomatoes in Aquaculture System |
| Can the Calcium Level in Plants be Raised? Phase II |
| Effect of Salt on Different Variaties of Carrots |
| Cyanobacteria vs. Mars Can Cyanobacteria Survice Mars-Like Conditions? |
| Laser Induced Flourescence to Detect and Quantify Motor Oil Contamination in Soil and Water |
| Effects of High Phosphorous Levels in the Everglades Implications for Restoration: Three Year Study |
| Improvement of Air and Water Quality From Industrial Swine Facilities: Two Year Study |
| Use of Biofiltration for the Decontamination of Water: Three Year Study |
| Environmental Impact of Poultry Litter Fertilizer on Watersheds: Two Year Study |
| Effects of Water Pollution on Phytoplankton Productivity |
| Effects of Leaf Type, Site Selection and Leaf Pack Removal Time on Steam Ecology |
| Factors Controlling Forest Litter Decomposition: Phase III |
| Sunflowers Productive Alternative for Removing Lead From Contaminated Soil: Three Year Study |
| Repairing Ultra Violet Damaged DNA With Different Light Sources |
| Electric Bacteria Affect of Electricity on Bacterial Growth |
| Immune System Response To Viral Infections |
| Effects of croprotectants on the Revification of Frozen Crickets: Three Year Study |
| Reducing Lethal UV Radiation Damage in Fruit Flies Using Antioxidants |
| CO2's Effects on Philodendron Root Growth |
| Characteristics of Corn That Aid in Tolerance to Ultra Violet Radiation |
| Survival of Bacteria on Waxed vs. Unwaxed Tomatoes |
| Soybeans in Space Can They Survive the Trip? Two Year Study |
| Nitrate Removal From Drinking Water Using Elemental Iron |
| Non-Chemical Water Disenfectant |
| Effects of Electricity on Plant Growth |