## NJRSF REGISTRATION LIST for Hunterdon County (of residence) March 22, 2006

Meghan Ladue Immaculata H.S. grade: 10 age: 15 Annandale advisor: Sister ary Ann Besitka, IHM (908-722-0200x201) Color Retention in Hair treated with Liquid and Creme Permanent Dyes\fR The purpose of this research was to examine the color retention of liquid verseu creme permanent hair dyes on human gray hair samples by way of dying and exposure to water and sunlight Sarah Loveland Immaculata H.S. grade: 10 age: 15 Whitehouse Station advisor: Sister Mary Ann Besitka, IHM (908-722-0200x201) *Road Salt Concentrations and the Germination of Asteraceae\fR* The purpose of this research was to determine the effect of the presence of road salt on germination rates across different species of the family Asteraceae Brian Stoyell-Mulholland Immaculata H.S. grade: 9 age: 15 High Bridge advisor: Sister ary Ann Besitka, IHM (908-722-0200x201) Variations in Strategies on the Success of RISK\fR The purpose of this research was to determine the effectiveness of aggressive, apssive and moderate strategies on the outcome of the game RISK Christopher Simone Immaculata H.S. grade: 10 age: 16 Whitehouse Station advisor: Sister ary Ann Besitka, IHM (908-722-0200x201) The Effect of Gravity and Friction on the Speed of a Weighted Skateboard \fR The purpose of this research was to test the speed of a weighted skateboard propelled by gravity along two surfaces with differing friction Michelle Paster Immaculata H.S. grade: 10 age: 16 Whitehouse Station advisor: Sister Mary Ann Besitka, IHM (908-722-0200x201) The Popability of Microwave Popcorn Based on Variations in Water Content fR The purpose of this research was to demonstrate how popcorn exposed to various conditions of moisture, dryness and freezing will/will not pop at different rates. Timothy Sanderson Immaculata H.S. grade: 10 age: 16 Lebanon advisor: Sister Mary Ann Besitka, IHM (908-722-0200x201) Use of Common Household Substances as repellents for Black Carpenter Ants(Camponotus pennsylvanicus)\fR

The purpose of this research was to determine which common household substance worked best to deter black carpenter ants.