

SUPERIOR (gold) & EXCELLENT (silver) AWARDS
VERMONT STATE SCIENCE & MATH FAIR 2004

PRIZE Superior

| | | | |
|-----------|-----------|---|------|
| Lily | Calabrese | Paddle Power | C23 |
| Joseph | Dexter | Green Mountain Union 2X2 Combinatorial Chemical Synthesis Using a Single-Layer | C01 |
| Chantal | Girard | South Burlington High Effect of Epicatechin on Mice Memory | B04 |
| James | Healey | Christ The King E The answer, my friend, is blowing in the wind. | GP13 |
| Eliza-Eve | Leas | South Burlington High A Study of Nitrogen Fixation Based Companion Planting | B07 |
| Anna | Lidofsky | South Burlington High Equine Learning Patterns | S08 |
| Marta | McBean | Brattleboro Union F The Impact of Climate Variation on Maple Sap Production in | G07 |
| Maorie | Munroe | Green Mountain Union Living Languages | S07 |
| Jonathan | Murray | Fair Haven Union Wind Tunnel design | P10 |
| Ian | Patch | Mount St. Joseph Acad The CO2 Emission Levels Using Shaded Pole Motors versus | P56 |
| Joshua | Scaralia | Mount St. Joseph Acad The Effect of Sodium Chloride on Carbon Dioxide Absorption | C04 |
| Caroline | Weaver | South Burlington High Prevalence of Human Papilloma Virus in Young Vermont | B21 |

TOTAL **12**

PRIZE Excellent

| | | | |
|--------|-------|--|-----|
| Andrew | Akiki | Mater Christi Sch Finding Your Way In A Storm | P01 |
|--------|-------|--|-----|

SUPERIOR (gold) & EXCELLENT (silver) AWARDS
VERMONT STATE SCIENCE & MATH FAIR 2004

PRIZE Excellence

| | | | |
|-----------|-----------|--|------|
| Andrew | Akiki | Mater Christi Sch Finding Your Way In A Storm | P01 |
| Karla | Burns | Manchester Middle Sc How Our Olfactory System Works | B27 |
| Emily | Cutting | Mater Christi Sch Nature's Batteries | GP11 |
| Elizabeth | Fell | St. Francis Xavier Sch A Bit About Bits | C12 |
| Michaela | Finneran | Mater Christi Sch Oil Spill! | GP12 |
| Josh | Gately | South Burlington High Soil Buffering | G03 |
| Michael | Gilmartin | South Burlington High Cryptology and the Hill Cipher | M01 |
| Allison | Giroux | Hinesburg Community S The Effect of Melatonin on Students | B05 |
| Ian | Horton | St. Francis Xavier Sch Brick Structure | P06 |
| Hannah | Kay | South Burlington High The Effects of Acid Rain | G04 |
| Devin | Kelsey | Northfield High Sch The Effects 4.0, 4.8, 5.0, 6.0 pH Acid Rain has on the Growth | G05 |
| Haley | Leavitt | South Burlington High Caffeine and the Heart | B08 |
| Danielle | Leonard | Northfield High Sch The Affect of 0, 1, 3, and 5 ppms of Sucralose on Rodent | B09 |
| Will | Martin | Northfield High Sch of Angle of Attack Variation on the Efficiency of Airplane Wing | P09 |
| Connor | Mawe | Hinesburg Community S My Quest for the Perfect Cupcake | C16 |

SUPERIOR (gold) & EXCELLENT (silver) AWARDS
VERMONT STATE SCIENCE & MATH FAIR 2004

PRIZE Exceller

| | | | |
|--------------|-----------|---|------|
| Connor | Mawe | Hinesburg Community S My Quest for the Perfect Cupcake | C16 |
| Bailey | McCarthy | Mater Christi Sch Oil Spill! | GP12 |
| Lauren | Mihan | South Burlington High The ACL Study: Males vs. Females | B13 |
| Keegan | Mitchell | Renaissance Sch Cell Phones: Inattention Blindness | S11 |
| Kendra | Pillsbury | South Burlington High Extreme Weather Conditions | G06 |
| Tyler | Purinton | South Burlington High Mice Metabolism and Junk Food Effects | B16 |
| Robert Tyler | Sanborn | Mount St. Joseph Acad Can Conversation Improve Memory? (The Effect of Social | S12 |
| Alaina | Sarvak | Mater Christi Sch Nature's Batteries | GP11 |
| Christian | Scanlon | St. Francis Xavier Scl Bi-Metallic Strips | P13 |
| Rebeka | Spencer | Weathersfield Middle S Which material is more efficient against hypothermia in | C18 |
| Gretchen | Tarrant | Mater Christi Sch He vs. She- Spatial Differences Between the Sexes | S13 |
| Erin | Thompson | Manchester Elemen Which cleaning product prevents the most bacteria? | C19 |
| Ryan | Thornton | St. Francis Xavier Scl O-Mazing Acid | C20 |
| Wvatt | Traverse | Fair Haven Union Fresh to Fermented | P57 |
| Billy | Weaver | Mater Christi Sch Hydrogen: Fuel of the Future | P58 |

TOTAL **29**

SUPERIOR (gold) & EXCELLENT (silver) AWARDS
VERMONT STATE SCIENCE & MATH FAIR 2004

PRIZE **Excellent**

| | | | |
|-------|--------|---|-----|
| Billy | Weaver | Mater Christi Sch Hydrogen: Fuel of the Future | P58 |
|-------|--------|---|-----|

TOTAL **29**

TOTAL PRIZE **41**