

INDIVIDUAL GRAND PRIZE WINNERS
Fairfax County Regional Science
and Engineering Fair

March 30, 2008

Animal Sciences

Alexander M. Kim

Thomas Jefferson H S for
Science and Technology

Decapod Biocontrol of an Aquatic Trematode Vector

Behavioral and Social
Sciences

Alexander L. Peterkin

Oakton High School

The Relationship Between Nail Biting and OCD

Engineering: Electrical
and Mechanical

William B. McGrath

Thomas Jefferson H S for
Science and Technology

Motion Capture for Mixed Reality Applications

Energy and Transportation

Abhinav R. Mohan

Chantilly High School

Enzymatic Conversion of Cellulose Biomass to Sugar

Energy and Transportation

Arfa N. Aijazi

South Lakes High School

Electr-Yeast-ity

Energy and Transportation

Mike S. Finneran

Chantilly High School

Effect of Tidal Generator Design on Power Output

Environmental
Management

Samantha Dodbele

Hayfield Secondary
School

Microbial Bioconversion of Varying Concentrations

Physics and Astronomy

Andre Gerner

Marshall High School

Radon Pump Efficacy

TEAM GRAND PRIZE WINNERS
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Engineering: Electrical
and Mechanical

James D. Carter, Janet L. Josten

Lake Braddock Secondary
School

Seeing the Light: Combating Scintillation

Environmental Analysis

Phil T. Grisdela, Joy E. Lee, Sumit Malik

Thomas Jefferson H S
Science and Technology

Optimization: Marine Sediment Microbial Solar Cell

Mathematical Sciences

Dhruv Kedar, Shawn Mittal

Chantilly High School

Chaos: An Analysis of Market Nonlinearity
