

# **2011 VLWA – Regional Science Fair Award Winners**

## **Northern Virginia Regional Science Fair (Arlington)**

Sloane Mebane (11<sup>th</sup> Grade)

Wakefield High School

*The Effects of Cigarette Litter Polluted Rainwater on the Growth of Pot Marigold Plants*

Marisa Shotwell (7<sup>th</sup> Grade)

Thomas Jefferson Middle School

*Weather Water River Water*

## **Virginia Piedmont Regional Science Fair (Charlottesville)**

Samantha Mangum (11<sup>th</sup> Grade)

Western Albemarle High School

*Comparative Analysis of Pathogenic Organisms*

Alexis Delgado & Katherine Chase (8<sup>th</sup> Grade)

Drew Middle School

*Runaway Runoff*

## **Blue Ridge Highlands Regional Science Fair (Radford University)**

Madeline Showalter (8<sup>th</sup> Grade)

Scott Memorial Middle School

*Bugs and Other Drugs*

## **Fairfax County Regional Science and Engineering Fair**

(No winners selected this year – VLWA judges are required to attend this event)

## **Shenandoah Valley Regional Science Fair (James Madison University)**

McKenna Kendrick (10<sup>th</sup> Grade)

Sherando High School

*The Effect of Location in the Shenandoah River on the pH Level*

Rebecca Reeves (8<sup>th</sup> Grade)

Stewart Middle School

Revisiting Mossy Creek

## **Central Virginia Regional Science Fair (Lynchburg)**

Abbigale Anderson (11<sup>th</sup> Grade)

Central Virginia Governor's School

*The Use of Hydrocotyle in Phytoremediation*

Matt Hazelwood (8<sup>th</sup> Grade)  
Altavista Combine School  
*Effect of Natural Materials on Amount of Oil in the Water*

### **Prince William-Manassas Regional Science Fair**

Krystal Kersse and Adrian Castro (11<sup>th</sup> Grade)  
Freedom High School  
*Saving the World One Water Molecule at a Time*

Nick Shablom (7<sup>th</sup> Grade)  
Bull Run Middle School  
*Effect of Fertilizers on Algae Growth (Eutrophication)*

### **Tidewater Regional Science Fair – Norfolk, Virginia**

Morgan L. Poplawski (11<sup>th</sup> Grade)  
Menchville High School  
*The Effect of a Holding Pond on Water Quality of Deer Park Lake – Newport News, VA*

Gabriella Francese & Julia Kleinhample (7<sup>th</sup> Grade)  
Spratley Gifted Center  
*Mean, Clean, Riparian Machines*

### **Metro Richmond Science Fair**

John-Reid Ryan “Jack” (9<sup>th</sup> Grade)  
Hanover High School  
*The Effect of Pollutant Salts on Rotifer Mortality Over Time*

Sam Schwartzkopf (8<sup>th</sup> Grade)  
Moody Middle School  
*The Effect of Type of Shoreline on Amount of Soil Eroded*

### **Western VA Regional Science Fair (Roanoke)**

Levi Helm (9<sup>th</sup> Grade)  
Roanoke Valley Governor’s School  
*The Effect of Roundup on the Growth of Cyanobacteria*

Abigail Simpkins (7<sup>th</sup> Grade)  
Northside Middle School  
*The Horrors of Acid Rain*

### **Loudoun County Regional Science & Engineering Fair (Sterling)**

Ariana Fernandez & Kelsey Margulies (12<sup>th</sup> Grade)  
Potomac Falls High School  
*Measuring the Efficacy of Biological Treatment Units to Manage Propylene Glycol Runoff when Utilized as a Deicing Agent*