BELLARMINE PREPARATORY SCHOOL
Educating for Life

Date: April 2, 2012

12 BELLARMINE STUDENTS AWARDED AT SCIENCE FAIR

Congratulations to the following Bellarmine students, who received awards at the 2012 South Sound Regional Science Fair!

Veena Iyengar (11) was named **Grand Champion**, winning first place for AAUW Outstanding Research in the overall awards for her project entitled, "*Construction and Utilization of a Two-Space Mechanical Lung Models for the Estimation of Airway Resistance of Infants with Pulmonary Diseases*". Veena was also awarded the **NSPE INNOVATIVE ENGINEERING AWARD,** the **US ARMY CERTIFICATE OF ACHIEVEMENT,** and the **BEST OF WASHINGTON AWARD.**

FIRST PLACE

Amanda Lane (12)
Category: Plant Sciences
Project: *The Effects of Phytophthora and Pythium on Noble Fir Seedlings*

SECOND PLACE and
US ARMY CERTIFICATE OF ACHIEVEMENT-LIFE SCIENCES AWARD

Casey Kendall (12) and Elizabeth Sharrard (12)
Category: Environmental Management
Project: *The Development of a Probability Occurence Model for Alexandrium catenella Blooms in Quartermaster Harbor, WA*

THIRD PLACE

Hayley Raquer (12)
Category: Plant Sciences
Project: *Influence of Environmental Parameters on the Location of Phyrophthora ramorum in Western Washington Waters*

HONORABLE MENTION

Thomas Yabroff (12)
Category: Eng: Electrical and Mechanical
Project: *Design and Construction of a Self-Sustainable Garden*

HONORABLE MENTION

Jane Manley (12)
Category: Environmental Management
Project: *Nutrient Removal from Spirit Lake at Mount Saint Helens Through Aquatic Insect Emergence*

HONORABLE MENTION, NEED - ENERGY IN ACTION AWARD and SAFETY FIRST AWARD

Ian Staeheli (12) and Thomas Grant (12)
Category: Eng: Electrical and Mechanical
Project: *Development of an Illuminated Portable Brachyuran Crab Larva Excystment Trap*

HONORABLE MENTION

Jennifer Li (12) and Jinsung Kim (12)
Category: Medicine & Health Sciences
Project: *The Effect of Rib and Alp 2/3 Surface Proteins on Streptococcus agalactiae Virulence*

AWG STUDENT AWARD FOR GEOSCIENCE EXCELLENCE and STOCKHOLM JUNIOR WATER PRICE AWARD

Shannon Nardi (12)
Project: *Construction of a Manta Tow for Sampling and Microplastic Concentration Analysis in the Puyallup River Estuary*