

MAS Junior Sectional Oral Presentations 2014

10:00-12:00

Saturday April 12

Big Butte Room

10:00 Vang, Ma *Aquatic Food Web of MPG Ranch Pond*

10:10 Isakson, Triston Fairfield High School *Cutthroat Trout Re-introduction Phase IV Individual Stream Modeling*

10:20 Swenson, Jalyssa Sentinel High School *The effects of Montana's native mosses (Syntrichia ruralis) on the invasive and prolific spotted knapweed (Centaurea stoebe)*

10:30 Novack, Preston Hellgate High School *Identification of genes assisting FBF-2 with regulation of stem differentiation in caenorhabditis elegans*

10:40 Lamb, Grason Big Sky High School *Does the socio-economic and political structure of a country affect the happiness of the population through policy?*

10:50 Thielman, Scott Simms High School

11:00 Asvaad, Aleesha Hellgate High School *The effect of sulfuric acid concentration on the recovery of neodymium from rare earth magnets*

11:10 Slown, Anna Big Sky High School *The Effect of Population Density on the Number of Intestinal Helminthes Found in Gallus gallus domesticus; Domestic Chickens*

11:20 Hazeltine, Tara Sentinel High School *Cost Efficiency Analysis of a Ground Source Heat Pump vs. an Air Source Heat Pump*

Vang, Ma Big Sky High School *Aquatic Food Web of MPG Ranch Pond*

11:30 Rossbach, Dylan Hellgate High School *Constructing an alternative MIPS football helmet model to limit rotational acceleration from angular impact*

11:40 Vang, Iaong Big Sky High School *Controlling Stem Cell Differentiation for Therapy Using Gene Splicing and Natural Products*