

*Partners in Science Program Awards
M. J. Murdock Charitable Trust
Announced: February 2009*

MONTANA

Marisa Pedulla, Ph.D. - Montana Tech of the University of Montana
Isolation and Characterization of a Hot Springs Extremophile
Kate McElroy - Anaconda High School, Anaconda, MT

OREGON

Colin R. Andrew, Ph.D. - Eastern Oregon University
Novel Heme Chemistry of AXCP
Jason Palmer - Heppner Jr/Sr High School, Heppner, OR

Sherry L. Cady, Ph.D. - Portland State University
Characterization of Microbial Signatures and Silica Phases in Hydrothermal Silica Sinters
Shana Kendall - Heritage High School, Vancouver, WA

Andrea M. Goforth, Ph.D. - Portland State University
Study of Bismuth Compounds for Computed Tomography X-ray Contrast Agents
Rebecca Chitkowski - Gladstone High School, Gladstone, OR

Elise Granek, Ph.D. - Portland State University
Study of Watershed Contamination in Rocky Intertidal Marine Habitat
Brian Fain - Arts Communication and Technology High School, Portland, OR

Jon Hennebold, Ph.D. - Oregon Health & Science University (Foundation)
Identification and Characterization of Key Proteases Necessary for Ovulation
Serena Talcott Baughman - Cleveland High School, Portland, OR

Dirk Iwata-Reuyl, Ph.D. - Portland State University
Mechanistic Studies of GTP Cyclohydrolase IB
Alexander Taylor - Oregon City High School, Oregon City, OR

Peter Kennedy, Ph.D. - Lewis & Clark College
Examining Biogeographic Patterns in the Frankia-Alnus rubra Symbiosis
Eileen Oppelt - West Linn High School, West Linn, Oregon

Ilhem Messaoudi, Ph.D. - Oregon Health & Science University (Foundation)
Impact of Menopause and Hormone Replacement Therapy on the Immune Response to Vaccination
Sara Pursel - South Umpqua High School, Myrtle Creek, OR

Terry Morgan, Ph.D. - Oregon Health & Science University (Foundation)
Gender-Based Renal Pathology and Compensatory Nitric Oxide Synthesis in Knockout Mice
Melissa Farmer - Illinois Valley High School, Cave Junction, OR

Sujaya Rao, Ph.D. - Oregon State University
Study of Pollination by Honey Bees and Native Bumble Bees
Toni R. Taylor - Lowell Jr./Sr. High School, Lowell, OR

Partners in Science Program Awards

M. J. Murdock Charitable Trust

Announced: February 2009

page 2

John Syring, Ph.D. - Linfield College

Study of the Genetic Diversity of the Whitebark Pine

Laura Syring - McMinnville High School, McMinnville, OR

Stephen Tuft, Ph.D. - Lewis & Clark College

Observational Investigations of Short-Period Eclipsing Binary Stars

Jo Ann Wadkins - Lincoln High School, Portland, OR

Mary B. Zelinski, Ph.D. - Oregon Health & Science University (Foundation)

Study of Models for Preserving Ovarian Function from Anti-Cancer Therapy

Eric Peterson - Glencoe High School, Hillsboro, OR

WASHINGTON

John G. Bishop, Ph.D. - Washington State University (Foundation)

Study of Nutritional Stoichiometry of Lupine Herbivores

Tom Wolverton - Prairie High School, Vancouver, WA

Yi Gu, Ph.D. - Washington State University (Foundation)

Studies of Minority Carrier Mobility in Semiconductor Nanowires

Joshua D. Harrison - North Central High School, Spokane, WA

D. Michael Heinekey, Ph.D. - University of Washington

High Value Chemicals from Glycerol by Hydrogenolysis

Bryce Mercer - Interlake High School, Bellevue, WA

Paul Clinton Spiegel, Ph.D. - Western Washington University

Biochemical Engineering of Molecules that Regulate Blood Coagulation

Julie A. Pohlman - Sehome High School, Bellingham, WA

Brook Swanson, Ph.D. - (Corporation of) Gonzaga University

Study of High-Performance Biomaterials

Bree Reynolds - Wellpinit High School, Wellpinit, WA

James H. Thomas, Ph.D. - University of Washington

*Study of New *Caenorhabditis* Nematoda Species*

Lara Hollingworth - Eastlake High School, Sammamish, WA