

*Partners in Science Program Awards
M. J. Murdock Charitable Trust
Announced: February 2005*

ALASKA

F. STUART CHAPIN, III - University of Alaska - Fairbanks

Wildfire Effects on Subsistence Resources in Rural Alaska: Integration of Western and Traditional Knowledge

Michele B. Bifelt - Howard Luke Academy, Fairbanks

IDAHO

JEFFREY J. ROSENTERER - Idaho State University

Continuous Detection and Monitoring of Cyanide in Drinking Water by Piezoelectric Techniques

Susan Mayo - Highland High School, Pocatello

MONTANA

JAMES N. BARRON - Montana State University - Billings

Population Ecology of the Short-Horned Lizard, Phrynosoma hernandesi

Ben A. Larsen - Billings Senior High School, Billings

OREGON

STEPHEN W. ARCH - Reed Institute DBA Reed College

Biochemistry of Secretory Plasticity in Neuroendocrine Cells

Sally Farrell - Jefferson High School, Portland

GRETA J. BINFORD - Lewis & Clark College

Analyses of cDNA Sequences of the Toxic Venom Enzyme Sphingomyelinase D from Brown Recluse Relatives

Scott N. Burns - Cleveland High School, Portland

LINDA A. GEORGE - Portland State University

Spatial Analysis of Nitrogen Dioxide Levels in the Portland-Vancouver Region

Kathy Childress - Gresham High School, Gresham

DIRK IWATA-REUYL - Portland State University

Biochemical Studies of tRNA Modification

Kathleen Cronen - Tigard High School, Tigard

SUJAYA RAO - Oregon State University

Development of a Molecular Marker for Identification of Insect Larval Pests

Sylvia Harvey - West Albany High School, Albany

M. SUSAN SMITH - Oregon Health & Science University

(Oregon National Primate Research Center)

Discovery of Brain Neural Pathways That Relay Information About Metabolic Balance to Neurons Regulating Reproductive Function

Dielle Innantuano - Tualatin High School, Tualatin

MARK SYTSMA - Portland State University

Sandy River Research

William E. Martin - Sam Barlow High School, Gresham

RICHARD P. TAYLOR - University of Oregon

Quantum Chaos in Electronic Nano-Devices

Ben Van Dusen - South Eugene High School, Eugene

CARL C. WAMSER - Portland State University

Preparation and Characterization of Conductive Porphyrin Polymers for Solar Cells

Drew Lanthrum - Liberty High School, Hillsboro

MARY B. ZELINSKI-WOOTEN - Oregon Health & Science University

(Oregon National Primate Research Center)

Intraovarian Actions of Androgens in Macaques

Michael S. Britton - Sheridan High School, Sheridan

WASHINGTON

ALEJANDRO ACEVEDO-GUTIERREZ - Western Washington University

Harbor Seal Abundance and Foraging Within and Adjacent to Candidate Marine Reserves in Skagit County

Rebecca Krueger - Mount Vernon High School, Mount Vernon

KAREN I. GOLDBERG - University of Washington

Green Chemistry: Making Basic Chemicals via Efficient and Environmentally Friendly Methods

Amy L. Schwentor - Roosevelt High School, Seattle

JEFFREY J. KELLY - Evergreen State College

Arterial Blood Gas Measurement in Small Mammals

Brian Wright - Olympia High School, Olympia

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ELIZABETH KUTTER - Evergreen State College

Characterization of Therapeutic Phages and Phage-Mediated Immune Responses

Michelle Tsalaky - Northwest Christian High School, Lacey

KERRY NAISH - University of Washington

Temporal Stability of Genetic Diversity and Population Structure of Coho Salmon in the Puget Sound

Louise Baxter - Bainbridge High School, Bainbridge Island

KEVIN M. SCOTT - Western Washington University

Eruptions, Debris Avalanches, and Lahars of the Sherman Crater Eruptive Period (AD 1843-Present) at Mount Baker Volcano

David Lewis - Mount Baker High School, Deming