

Partners in Science Program Awards
M. J. Murdock Charitable Trust, Vancouver, WA
February 2018

Alaska

- Dr. Patrick Druckenmiller, University of Alaska-Fairbanks, Fairbanks -- 907-474-6954
High Latitude Fossil Terrestrial Vertebrate Communities from the Late Cretaceous Period
Rebecca J. Missler -- North Pole High School, North Pole, -- 907-488-3761
- Dr. Derek Sikes, University of Alaska-Fairbanks, Fairbanks -- 907-474-6278
Body Farm Alaskan Style - Growth Rates and Identification of Forensically Important Fly Maggots
M. Elizabeth Beks -- North Pole High School, North Pole, -- 907-488-3761

Idaho

- Dr. Cheryl Jorcyk, Boise State University, Boise -- 208-426-4287
Inflammation-Induced Chemokines in Prostate Cancer Metastasis
Sandra Gulley -- Renaissance High School, Meridian, -- 208-350-4380
- Heidi Ware, Boise State University, (Intermountain Bird Observatory), Boise -- 208-426-2223
Hydrogen Isotopes in Identification of Breeding Areas of the Anna's Hummingbird
Chris Horras -- Bishop Kelly High School, Boise, -- 208-375-6010

Montana

- Dr. Diane Bimczok, Montana State University, Bozeman -- 406-994-4928
Mechanisms of Dendritic Cell-Epithelial Cell Interactions in the Human Gastric Mucosa
Rebecca Ayler -- Park High School, Livingston, -- 406-222-0448
- Dr. Sarah Friedman, Montana State University, Billings -- 406-896-5913
Chromitite Seams Across Stillwater Complex
James Manley -- Rosebud High School, Rosebud, -- 406-347-5353
- Dr. Kevin Hammonds, Montana State University, Bozeman -- 406-994-2167
Radar Applications for Snow Science and Hydrological Forecasting
Alecia Jongeward -- Park High School, Livingston, -- 406-222-0448
- Dr. John Maron, University of Montana, Missoula -- 406-243-6202
Soil Fungi and Native Plant Diversity Roles in Invasions by Exotic Plants
Lindsay Manzo -- Sentinel High School, Missoula, -- 406-728-2403
- Dr. David W. Mogk, Montana State University Bozeman, Bozeman -- 406-994-6916
Characterization of Earth Materials Using Microimaging and Spectroscopic Methods
Allyson Reamy -- Whitehall High School, Whitehall, -- 406-287-3882
- Dr. Michael Young, Rocky Mountain Research Station, Missoula -- 406-542-3254
Applying eDNA Sampling to Advance Conservation of Aquatic Species
Katherine Aune -- Sentinel High School, Missoula, -- 406-728-2403

Oregon

- Dr. Rita P. Cervera-Juanes, Oregon National Primate Research Center, Oregon Health and Science University, Beaverton -- 503-346-5495
Longitudinal Effects of Chronic Alcohol Use on the Methylome
Georgianne Harris -- International School of Beaverton, Beaverton, -- 503-356-3690
- Dr. Julie Schram, Oregon Institute of Marine Biology at University of Oregon, Charleston -- 541-888-2581
Effects of Ocean Acidification on Behavior and Nutritional Value of Newly Recruited Coastal Dungeness Crab
Erica Street -- North Bend High School, North Bend, -- 541-756-8328
- Dr. Angela Hoffman, University of Portland, Portland -- 503-943-7173
Study of Soil Actinomycetes and Antibiotic Products
Margaret Lewis -- Kamiak High School, Mukilteo, -- 425-366-5400
- Dr. Rebecca Skalsky, Oregon National Primate Research Center, Oregon Health and Science University, Beaverton -- 503-418-2811
Validation of Conserved Epstein-Barr Virus microRNA Targets Involved in B Cell Differentiation
Brian Pendergrass -- Hillsboro High School, Hillsboro, -- 503-844-1980
- Dr. Amoret Bunn, Pacific Northwest National Laboratory, Richland -- 509-372-4782
Building Responsible Science Between Scientific Institutions and Security Forces
Rama Devagupta -- Southridge High School, Kennewick, -- 509-222-7200
- Dr. Tanya Cheeke, Washington State University Tri-Cities, Richland -- 509-372-7393
Evaluating the Role of Soil Microbes in Ecological Restorations
Katrina Jones -- River's Edge High School, Richland, -- 509-967-6450
- Dr. Thomas Collins, Washington State University Tri-Cities, Richland -- 509-372-7515
Chemical Characterization of Grape Berries and Leaves from Smoke Exposed Grapevines
Raef Pedersen -- Chiawana High School, Pasco, -- 509-543-6786
- Dr. Leo Fifield, Pacific Northwest National Laboratory, Richland -- 509-375-6424
Thermoplastic Adhesives Application to Carbon Fiber Composite Materials
Michael See -- Delta High School, Pasco, -- 509-416-7860
- Dr. John Finke, University of Washington Tacoma, Tacoma -- 253-692-4351
Sugar Profiling of Antibody Drugs Used to Treat Alzheimer's Disease
Elizabeth Devitt -- Harrison Preparatory School, Lakewood, -- 253-583-5418
- Dr. Aaron Putzke, Whitworth University, Spokane -- 509-777-4822
Global Gene Expression Analysis in the Absence of a Non-Receptor Tyrosine Kinase During Post-Embryonic Development of the Nematode C. elegans
Daniel Shay -- North Central High School, Spokane, -- 509-354-6300
- Dr. Erik Thuesen, Evergreen State College, Olympia -- 360-867-6584
Biochemical Adaptations of Comb Jellies (Ctenophora) to Life in the Deep Sea
Josiah Price -- Tumwater High School, Tumwater, -- 360-409-760