

M.J. MURDOCK CHARITABLE TRUST

QUARTERLY GRANTS REPORT | WINTER 2019

85 Grants | \$15,462,243

ALASKA

2 grants | \$470,000

Anchorage Community Land Trust 161 Klevin Street, #204 Anchorage, AK 99508	\$150,000	New Staff - To equip and encourage entrepreneurs
Church On The Rock PO Box 874693, Wasilla, AK 99687	\$320,000	Facility Construction - For mentorship programs in the Mat-Su Valley

IDAHO

12 grants | \$822,000

Boise Philharmonic Association, Inc. 516 South 9th Street, Suite C Boise, ID 83702	\$158,000	Expansion of Development Program - To strengthen financial program
Boise State University 1910 University Drive, Boise, ID 83725-1515	\$15,000	Using a Legacy of Wildfire, Logging, and Mining to Examine the Effect of Land Use on Soil Development - For Partners in Science Program
Boise State University 1910 University Drive, Boise, ID 83725-1515	\$15,000	Insect Biodiversity Census: Gathering Pre-Restoration Baseline Data for a Riparian Area at the Urban-Wildland Interface - For Partners in Science Program
Boise State University 1910 University Drive, Boise, ID 83725-1515	\$15,000	Reaction Pathways Leading to Peptide Nucleic Acid Monomers under Plausible Prebiotic Conditions - For Partners in Science Program
Boise State University 1910 University Drive, Boise, ID 83725-1515	\$15,000	Place-Based Research for a Changing Plant: Assessing Soil and Canopy Carbon Storage - For Partners in Science Program



College of Idaho, Inc. 2112 Cleveland Boulevard, Caldwell, ID 83605-4432	\$150,000	Science Research Initiation - To support faculty and students
Expansion International 13176 Persimmon Lane, Suite 110 Boise, ID 83713	\$142,000	Establish Development Program - To increase international outreach and service
Lutherhaven Ministries, Inc. 3258 W Lutherhaven Road, Coeur d'Alene, ID 83814-1327	\$175,000	Facility Renovation - To increase dining capacity
Northwest Nazarene University 623 S University Boulevard, Nampa, ID 83686-5897	\$15,000	Effect of Estrogen on Uterine Cell Carbohydrate Metabolism - For Partners in Science Program
Riverstone International School, Inc. 5521 E Warm Springs Ave, Boise, ID 83716	\$7,000	Optics Exploration and Emission Analysis Using Spectrometers - For Partners in Science Supplemental Program
Ross Point Camp and Conference Center 820 S Ross Point Road, Post Falls, ID 83854	\$100,000	New Cabin Construction - To increase camper capacity
University of Idaho 875 Perimeter Drive, MS 3020 Moscow, ID 83844-3020	\$15,000	Deep Learning-based Noninvasive Brain Decoder - For Partners in Science Program

MONTANA

9 grants | \$1,032,330

Belgrade High School 303 N Hoffman, Belgrade, MT 59714	\$7,000	Exploring Evolutionary Bioinformatics - For Partners in Science Supplemental Program
Boys & Girls Club of Richland County PO Box 416, Sidney, MT 59270	\$350,000	Facility Renovation - To serve rural youth
Bozeman Health Foundation 931 Highland Boulevard, Bozeman, MT 59715	\$350,000	New ICU Facility - To improve high-acuity care for rural patients
Home ReSource 1515 Wyoming Street, Missoula, MT 59801	\$127,500	New Staff - To expand educational programs



International Wildlife Film Festival 718 S Higgins Avenue, Missoula, MT 59801	\$94,000	New Staff - To support annual film festival
Montana State University Bozeman PO Box 172420, Bozeman, MT 59717-2420	\$15,000	Sensor Characterization for In Situ Temperature Measurements in Ice - For Partners in Science Program
Montana State University Bozeman PO Box 172420, Bozeman, MT 59717-2420	\$15,000	Drivers of Recent Afforestation in the Northern Great Plains Mixed-Grass Prairie - For Partners in Science Program
Rocky Mountain College 1511 Poly Drive, Billings, MT 59102-1796	\$58,830	Distribution, Population Structure, Subpopulation Connectivity and Heavy Metal Contaminant Loads for Snapping (<i>Chelydra serpentina</i>) and Spiny Softshell (<i>Apalone spinifera</i>) Turtles to Assess Anthropogenic Impacts and Improve Riverine Management - For Murdock College Research Program for Natural Sciences - Life Sciences
University of Montana 32 Campus Drive, Missoula, MT 59812	\$15,000	Where Ecology, Evolution, and Conservation Meet: An Experimental Test of Genetic Rescue in a Headwater Trout - For Partners in Science Program

OREGON

33 grants | \$6,508,575

Abuse Recovery Ministry and Services PO Box 663, Hillsboro, OR 97123	\$212,000	Online Training Program Expansion - To expand service for victims of domestic violence
Albertina Kerr Centers 424 NE 22nd Avenue, Portland, OR 97232	\$300,000	Facility Construction - For workforce housing proof of concept development
Asante 2600 Siskiyou Blvd., Suite 100 Medford, OR 97504-8177	\$332,400	Facility Improvements - For expanded Behavioral Health Unit in Medford
Benson Polytechnic High School 546 NE 12th Avenue, Portland, OR 97232	\$7,000	Making Microbial Genetics Visible - For Partners in Science Supplemental Program



Brian Grant Foundation 650 NE Holladay Street, Suite 1600 Portland, OR 97232	\$170,500	New Program Staff - For individuals and families affected by Parkinson's
Columbia River Maritime Museum, Inc. 1792 Marine Drive, Astoria, OR 97103	\$300,000	Facility Expansion - To support maritime education
Free Geek 1731 SE 10th Ave, Portland, OR 97214	\$259,500	New Staff and Technology - To expand reuse production and education program
Friends of Zenger Farm 11741 SE Foster Road, Portland, OR 97266	\$126,000	New Staff - To expand afterschool education program
George Fox University 414 N Meridian Street, Newberg, OR 97132-2697	\$59,998	Forest Recruitment Across the Range: Early Indicators of Climate-Induced Range Shifts in Western Forests - For Murdock College Research Program for Natural Sciences - Life Sciences
Hermiston School District 8R 305 SW 11th Avenue, Hermiston, OR 97838	\$15,000	Chemistry in Confined Spaces - For Partners in Science Program
Immigrant and Refugee Community Organization 10301 NE Glisan, Portland, OR 97206	\$300,000	Africa House Purchase and Renovation - To serve immigrants and refugees
J Bar J Youth Services, Inc. 62895 Hamby Road, Bend, OR 97701	\$137,500	New Building Construction - To expand services
L'Arche USA 310 SW 4th Avenue, Ste 840 Portland, OR 97204	\$240,500	New National Staff - To expand services to adults with developmental disabilities
Lewis and Clark College 0615 SW Palatine Hill Road, Portland, OR 97219-7899	\$233,000	New Nuclear Magnetic Resonance Spectrometer - To support undergraduate research
Lighthouse of God Mission, Inc. 752 SE Pine Street, Roseburg, OR 97470	\$100,000	Facility improvements - To serve low-income and homeless persons
Linfield College 900 SE Baker Street, McMinnville, OR 97128-6894	\$60,000	Elucidating Cancer Risk in MRE11 Genetic Variants - For Murdock College Research Program for Natural Sciences - Life Sciences



Linfield College
900 SE Baker Street,
McMinnville, OR 97128-6894

\$60,000

Design, Synthesis, and Biological Testing of Small
Molecule Inhibitors of Arp2/3 Complex

- For Murdock College Research Program for Natural
Sciences - Physical Sciences

Medical Teams International
PO Box 10,
Portland, OR 97207-0010

\$238,500

New Staff

- To equip leaders

Mid-Columbia Health Foundation
1700 E 19th Street,
The Dalles, OR 97058

\$300,000

3D Mammography Equipment

- To serve rural patients

Nature Conservancy in Oregon
821 SE 14th Avenue,
Portland, OR 97214-2537

\$500,000

Facility Renovation and Expansion

- To support conservation projects and collaboration
efforts

Northwest Christian University
828 E 11th Ave,
Eugene, OR 97477

\$383,750

New Technology

- To improve service to students

Oregon Coast Aquarium
2820 SE Ferry Slip Road,
Newport, OR 97365-5259

\$400,000

Facility Renovation

- To improve visitor experience

Oregon Jewish Museum and
Center for Holocaust Education
1953 NW Kearney Street,
Portland, OR 97209

\$195,000

New Staff

- To support history and education programs

PeaceHealth Sacred Heart Medical
Center Foundation
123 International Way,
Springfield, OR 97477

\$250,000

New Facility

- To serve children and their families

REAP
PO Box 3442,
Portland, OR 97208

\$337,500

Facility Purchase and Renovation

- To serve underserved urban youth

Springfield High School
875 7th St.,
Springfield, OR 97477

\$7,000

Clarifying the Connection Between Phenotype, Protein,
and Genotype

- For Partners in Science Supplemental Program

St. Clare School
1807 SW Freeman Street,
Portland, OR 97219

\$60,000

Science Classroom and Laboratory Renovation

- To support K-8 education

Trout Creek Bible Camp, Inc.
38105 Gordon Creek Road,
Corbett, OR 97019

\$195,000

New Cabins

- To improve volunteer experience and off-season
capacity



Tuality Healthcare
335 SE 8th Avenue,
Hillsboro, OR 97123

\$300,000

New Mobile 3D Mammography Unit

- To serve working and rural clients

University of Portland
5000 N Willamette Boulevard,
Portland, OR 97203-5798

\$58,777

Quantifying Feedbacks Between Topography, Rock
Properties, Sediment, and Ecology on Rocky Shore
Platforms of the Oregon Coast

- For Murdock College Research Program for Natural
Sciences - Physical Sciences

University of Portland
5000 N Willamette Boulevard,
Portland, OR 97203-5798

\$59,650

Spectroscopic, Mechanistic, and Structural Investigations
of Uncharacterized Radical S-adenosyl L-methionine
Enzymes

- For Murdock College Research Program for Natural
Sciences - Physical Sciences

University of Portland
5000 N Willamette Boulevard,
Portland, OR 97203-5798

\$60,000

Effect of SMAC (second mitochondrial activator of
caspases) Mimetics on Human T cell Activation and
Function

- For Murdock College Research Program for Natural
Sciences - Life Sciences

Visitation of the Blessed Virgin
Mary Catholic Church, Verboort
4189 NW Visitation Rd,
Forest Grove, OR 97116

\$250,000

Facility Construction

- To improve technology and education for K-8 students

WASHINGTON

25 grants | \$3,959,338

5th Avenue Theatre Association
1308 Fifth Avenue,
Seattle, WA 98101

\$90,000

Marketing Website Improvements

- To enhance audience development

Columbia Basin College
Foundation
2600 N 20th Avenue,
Pasco, WA 99301

\$250,000

New Equipment

- To expand dental hygiene department

Construction for Change
805 Kirkland Avenue #200,
Kirkland, WA 98033

\$299,000

New Staff

- To serve nonprofits through construction projects

Cornerstone Christian Academy
for Learning and Leadership
7708 NE 78th Street, Suite 100,
Vancouver, WA 98662

\$191,000

Technology Upgrades

- To serve K-8 students



Dungeness River Audubon Center PO Box 2450, Sequim, WA 98382	\$300,000	Leasehold Improvements - To expand environmental education programs
Eastern Washington University 526 5th Street, Cheney, WA 99004	\$15,000	Effect of Elevation, Slope, and Aspect on Tick Density and Disease Transmission - For Partners in Science Program
Evergreen Habitat for Humanity PO Box 871570, Vancouver, WA 98687	\$156,000	New Staff - To serve low-income homeowners
Forward Edge International PO Box 1510, Brush Prairie, WA 98606	\$179,000	Expand Development Program - To increase Northwest volunteerism
Friendly Water for the World 1717 18th Court NE, Olympia, WA 98506	\$99,000	New Staff - To provide safe water in underserved areas
Gonzaga University 502 E Boone Avenue, Spokane, WA 99258-0001	\$57,917	Thermodynamic and Structural Specificity of Parkin's Transcription Factor Activity - For Murdock College Research Program for Natural Sciences - Physical Sciences
Gonzaga University 502 E Boone Avenue, Spokane, WA 99258-0001	\$54,980	Investigating Functional RNA Adaptation to Extreme Environments - For Murdock College Research Program for Natural Sciences - Physical Sciences
Pacific Northwest University of Health Sciences 111 University Parkway, Suite 202 Yakima, WA 98901	\$500,000	DIRTT Wall System Purchase - To support new physical therapy program
Pullman Regional Hospital Foundation 840 SE Bishop Boulevard, Suite 200 Pullman, WA 99163	\$250,000	New Cardiology Equipment - To serve rural patients
Saint Martin's University 5000 Abbey Way SE, Lacey, WA 98503	\$15,000	Genetic and Physiological Characterization of Enhanced Stress Tolerance in Grafted Tomatoes - For Partners in Science Program
SAMBICA 4114 W Lake Sammamish Parkway SE, Bellevue, WA 98008	\$350,000	Activity Center Construction - To increase camper experience and occupancy



The University Heights Center for the Community Association 5031 University Way NE, Seattle, WA 98105	\$250,000	Facility Restoration - To serve nonprofits
The Vancouver Symphony Orchestra 205 E 11th St, Suite LL-5 Vancouver, WA 98660	\$206,000	Expand Development Program - To support classical music performance and education
University of Puget Sound 1500 N Warner Street, CMB 1015 Tacoma, WA 98416	\$56,515	Role of Matrix Metalloproteinase-2 on Muscle Phenotype in the Mouse Plantaris Muscle After Functional Overload - For Murdock College Research Program for Natural Sciences - Life Sciences
University of Puget Sound 1500 N Warner Street, CMB 1015 Tacoma, WA 98416	\$15,000	Investigating the Surface Morphology of Hexagonal Ice Crystals Using Scanning Electron Microscopy - For Partners in Science Program
Walla Walla University 204 S College Avenue, College Place, WA 99324	\$58,926	Seagrass Wasting Disease: the Role of Pathogen Abundance and Abiotic Stressors on Disease Outbreaks - For Murdock College Research Program for Natural Sciences - Life Sciences
Washington State Charter Schools Association 210 South Hudson Street Suite 324, Seattle, WA 98134	\$261,000	New Staff - To provide fundraising support and training for charter schools
Washington State University Foundation PO Box 641925, Pullman, WA 99164-1925	\$15,000	Do Climate-Mediated Shifts in Phenology Affect Population Viability of Northwest Butterflies? - For Partners in Science Program
Washington State University Foundation PO Box 641925, Pullman, WA 99164-1925	\$15,000	Impacts of Nutrients on Algal Blooms in the Columbia River Estuary - For Partners in Science Program
Washington State University Foundation PO Box 641925, Pullman, WA 99164-1925	\$15,000	Role of Soil Microbes in Ecological Restorations - For Partners in Science Program
World Relief Seattle 841 Central Ave N, Suite C-106 Seattle, WA 98032	\$260,000	Legal Clinic Program Expansion - To serve refugees and immigrants



NATIONAL & BRITISH COLUMBIA

4 grants | \$2,670,000

Association of Gospel Rescue Missions 7222 Commerce Center Drive, Suite 120 Colorado Springs, CO 80919	\$300,000	Board Training Program Renewal - To serve member organizations
Christianity Today International 465 Gundersen Drive, Carol Stream, IL 60188	\$420,000	New Staff and Program Development - To increase readership
Generous Giving 820 Broad Street, Suite 300, Chattanooga, TN 37402	\$1,800,000	Program Support - To encourage generosity
Philanthropy Roundtable 1120 20th Street NW, Suite 550 S, Washington, DC 20036	\$150,000	Alliance for Charitable Reform - To protect and advance charitable giving