

M.J. MURDOCK CHARITABLE TRUST

QUARTERLY GRANTS REPORT | WINTER 2023

93 Grants | \$26,173,181

ALASKA

4 grants | \$784,000

Alaska Children's Institute for the Performing Arts PO Box 322 Kenai, AK 99611	\$400,000	Facility Construction - To serve youth and visitors on the Kenai peninsula
Alaska Pacific University 4101 University Drive Anchorage, AK 99508	\$70,000	Quantifying Volume Change, Ice Thickness, and Hydrological Trends of Dixon Glacier to Estimate Additional Hydropower Potential - For Murdock College Research Program for Natural Sciences - Physical Sciences
Boy Scouts of America, Great Alaska Council 3117 Patterson Street Anchorage, AK 99504-4041	\$295,000	Facility Renovation and Expansion - To enhance scouting experiences for boys and girls at Camp Gorusch
University of Alaska Fairbanks 2145 N Tanana Loop, WRRB 008 Fairbanks, AK 99775-7880	\$19,000	Pinto Abalone Mariculture Potential (PAMP): Developing Prognostic Tools for Intensive Polyculture Farming Based on Organismal Growth and Feeding Demands - For Partners in Science Program

IDAHO

10 grants | \$999,500

Arch Community Housing Trust PO Box 1292 Ketchum, ID 83340	\$350,000	New Housing - To attract educators to rural Idaho
Boise State University 1910 University Drive Boise, ID 83725-1515	\$19,000	Multifunctional Oxide Nanomaterials Studied by Raman Spectroscopy - For Partners in Science Program
Boise State University 1910 University Drive Boise, ID 83725-1515	\$19,000	Testing Potential Drugs for Metastatic Breast Cancer - For Partners in Science Program



Boise State University 1910 University Drive Boise, ID 83725-1515	\$19,000	Impact of Sagebrush Leaf Chemistry and Structure on Plant-Associated Microbes - For Partners in Science Program
Borah High School 6001 W Cassia Street Boise, ID 83709	\$10,000	Insect Evolution - Exploring Biodiversity - For Partners in Science Supplemental Program
Borah High School 6001 W Cassia Street Boise, ID 83709	\$10,000	Microscopic Identification of Cancer Cells as Compared to Normal Cells in Tissue Samples - For Partners in Science Supplemental Program
Coeur d'Alene High School 5530 N. 4th Street Coeur d'Alene, ID 83815	\$10,000	Sustainable Actions by Vikings Everyday "SAVE" - For Partners in Science Supplemental Program
Idaho Nonprofit Center 5257 W Fairview Avenue, #260 Boise, ID 83706	\$330,000	Special Track for Nonprofit Support Organizations - To enhance program offerings
Kendrick Jr./Sr. High School 2001 Highway 3 Kendrick, ID 83537	\$10,000	3D Filament Recycling Project - For Partners in Science Supplemental Program
The Ambrose School 6100 N. Locust Grove Road Meridian, ID 83646	\$222,500	New Equipment - To expand educational opportunities for students in grades PreK-12

MONTANA

13 grants | \$4,028,748

Archie Bray Foundation 2915 Country Club Avenue Helena, MT 59602	\$500,000	Program Expansion - To support the practice and study of ceramic arts
Carroll College 1601 N Benton Avenue Helena, MT 59625-0001	\$69,748	Reconstructing Holocene Climate and Landscape Change at the Mountain-Prairie Ecotone, Central Montana - For Murdock College Research Program for Natural Sciences - Physical Sciences
Community Leadership and Development, Inc. PO Box 3381 Billings, MT 59103	\$400,000	Tapestry Facility Construction - To support working individuals and families with housing
International Deaf Education Association PO Box 20715 Billings, MT 59104	\$243,500	New Executive Director - To improve the lives of the deaf community in the Philippines



Missoula Family YMCA 3000 South Russell Street Missoula, MT 59801	\$1,000,000	New Construction - To expand childcare and youth services
Montana Nonprofit Association PO Box 1744 Helena, MT 59624	\$330,000	Special Track for Nonprofit Support Organizations - To advance nonprofit growth and resiliency
Montana State University Bozeman PO Box 172420 Bozeman, MT 59717-2420	\$398,500	New Equipment - For biomedical engineering and healthcare engineering research
Montana State University Bozeman PO Box 172420 Bozeman, MT 59717-2420	\$19,000	An Iconic Invertebrate in Peril? Detecting Changes to the Salmonfly Hatch and Bird Predation to Inform River Conservation in the Rocky Mountains - For Partners in Science Program
Relational Wisdom 360 4460 Laredo Place Billings, MT 59106	\$225,000	New Staff - To equip individuals and organizations with relational skills
University of Montana 32 Campus Drive Missoula, MT 59812	\$19,000	Development of Human-Selective Th17-Inducing Agonists as Novel Vaccine Adjuvants - For Partners in Science Program
University of Montana 32 Campus Drive Missoula, MT 59812	\$19,000	Defining the Role of Glial pH in Brain Development - For Partners in Science Program
University of Montana Foundation PO Box 7159 Missoula, MT 59807	\$480,000	Three-Dimensional Printer - For high precision microfabrication of biological and biomedical devices
Warriors & Quiet Waters Foundation 351 Evergreen Drive, Suite A Bozeman, MT 59715	\$325,000	New Program Staff - To help post-9/11 combat veterans thrive

OREGON

24 grants | \$5,723,106

BibleProject 1302 SE Ankeny Street Portland, OR 97214	\$1,500,000	New Technology - To increase the accessibility of free biblical content and resources to non-English speaking countries throughout the world
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Chelsea Hicks Foundation PO Box 755 Tualatin, OR 97062	\$205,500	New Development Staff - To increase services for hospitalized children and their families
Davids Chair Outdoor Mobility Systems 535 Sunrise Avenue Medford, OR 97504	\$150,000	New Equipment - To support independence and accessible outdoors recreation for all
Dogs for Better Lives 10175 Wheeler Road Central Point, OR 97502	\$336,500	New Executive Staff - To support independence of individuals with disabilities
Garten Services 500 Hawthorne Avenue SE Salem, OR 97309	\$320,000	Program Expansion - To support vocational training for individuals with disabilities
Guidelight 818 SW 3rd Ave, #1415 Portland, OR 97204	\$214,500	New Development Staff - To serve churches and families affected by disability
Kids Club of Harney County PO Box 1035 Burns, OR 97720	\$200,000	Facility Construction - To increase services to youth
Nonprofit Association of Oregon 5100 SW Macadam Avenue, #360 Portland, OR 97239	\$450,000	Special Track for Nonprofit Support Organizations - For expansion of programs
O'Brien Memorial Library 54745 McKenzie River Drive Blue River, OR 97413	\$250,000	New Construction - To expand and enhance library resources
Oregon Health and Science University 3181 SW Sam Jackson Park Road Portland, OR 97239	\$19,000	microRNA Regulation of Cellular Signaling Pathways During Cytomegalovirus Latency and Reactivation - For Partners in Science Program
Oregon Health and Science University 3181 SW Sam Jackson Park Road Portland, OR 97239	\$19,000	Role of Social Learning in Training Rhesus Macaques - For Partners in Science Program
Oregon Health and Science University Foundation 2020 SW 4th Avenue, Suite 900 Portland, OR 97201	\$527,500	Biofabrication and Cell Analysis Equipment - For engineering of precision cancer models
Oregon Jewish Museum and Center for Holocaust Education 724 NW Davis Street Portland, OR 97209	\$300,000	Facility Renovation - To support the advancement of human and civil rights education



Portland State University PO Box 751 Portland, OR 97207-0751	\$19,000	Efficient Access to Bioactive Natural Products Enabled by Chemical Synthesis - For Partners in Science Program
Portland State University PO Box 751 Portland, OR 97207-0751	\$19,000	Measuring Habitat Variables That Predict Turtle Abundance - For Partners in Science Program
Reed College 3203 SE Woodstock Boulevard Portland, OR 97202-8199	\$56,150	Flexible Molecular Crystals for Sensing Applications in Healthcare - For Murdock College Research Program for Natural Sciences - Physical Sciences
Shepherd's House 1854 NE Division Street Bend, OR 97701	\$300,000	New Redmond Facility - To serve individuals experiencing homelessness and addiction
Trillium Family Services 3415 SE Powell Boulevard Portland, OR 97202	\$300,000	Facility Renovation - To enhance and increase behavioral and mental health services for youth and their families
Underscore Media Collaboration 911 NE Davis St. Portland, OR 97232	\$164,000	New Communications Staff - To increase news coverage of indigenous communities
University of Portland 5000 N Willamette Boulevard Portland, OR 97203-5798	\$50,056	Theoretical Studies of Ruthenium-Catalyzed Ethenolysis: Catalyst Initiation, Stability, and Selectivity - For Murdock College Research Program for Natural Sciences - Physical Sciences
University of Portland 5000 N Willamette Boulevard Portland, OR 97203-5798	\$67,600	How Crabs Walk: Anatomy, Kinematics, and Uneven Terrain - For Murdock College Research Program for Natural Sciences - Life Sciences
Valley Catholic Middle High School 4275 SW 148th Avenue Beaverton, OR 97078	\$10,000	Monitoring Ecosystem Health of Johnson Creek for the Purpose of Conservation - For Partners in Science Supplemental Program
White Bird 5620 SW Edgemont Place Portland, OR 97239	\$185,000	New Outreach Staff - To support audience development across diverse communities



Willamette University
900 State Street
Salem, OR 97301

\$60,300

Examination of Nitrogen Cycle Processes in Stormwater Control Structures in the Mill Creek Urban Watershed

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

WASHINGTON

32 grants | \$8,392,327

Benaroya Research Institute at Virginia Mason
1201 9th Avenue
Seattle, WA 98101

\$525,000

Nucleic Acids Sequencing, Microscopy, and Imaging Equipment

- For inflammation disease research

Black Lake Bible Camp and Conference Center
6521 Fairview Road SW
Olympia, WA 98512

\$325,000

Facility Construction

- To serve youth and visitors

Boy Scouts of America, Chief Seattle Council
3120 Rainier Ave South
Seattle, WA 98144

\$200,000

New Program Staff

- To expand scouting opportunities

Boy Scouts of America, Mount Baker Council
1715 100th Place SE, Suite B
Everett, WA 98208

\$101,000

New Program Staff

- To expand scouting opportunities for youth

Boys & Girls Clubs of King County
220 W Mercer St., Suite 410
Seattle, WA 98119

\$152,500

New Program Staff

- To enhance services for at-risk youth

Camp Jonah
31 Little Mountain Road
Trout Lake, WA 98650

\$200,000

Facility Renovation

- To expand faith-centered camping opportunities for youth

Cascade Christian Schools
815 21st Street SE
Puyallup, WA 98372

\$350,000

New Construction

- To expand educational opportunities for students in grades 7–8

Center for Dialog and Resolution
717 Tacoma Ave S
Tacoma, WA 98402

\$210,000

New Staff

- To increase services for mediation and resolution of conflict

Emergency Food Network
3318 92nd Street S
Lakewood, WA 98499

\$500,000

New Facility Construction

- To enhance food distribution services



Historic Seattle 1117 Minor Avenue, Suite 100 Seattle, WA 98101	\$350,000	Facility Renovation - To preserve a historic site for community nonprofits and those they serve
New Earth Recovery PO Box 1473 Mount Vernon, WA 98273	\$257,500	Facility Purchase and Renovation - To enhance services for those in recovery
North Central High School 1600 North Howard St. Spokane, WA 99205	\$10,000	Experimental Determination of Stress for 3-D Printed Structural Beams - For Partners in Science Supplemental Program
Northwest School for Hearing-Impaired Children PO Box 33666 Seattle, WA 98103	\$350,000	Facility Renovation - To support academic excellence for children with hearing impairments
Open House Ministries PO Box 242 Vancouver, WA 98666	\$1,000,000	New Facility - To serve homeless families in Clark County
Outdoors for All Foundation 6344 NE 74th Street, Suite 102 Seattle, WA 98115	\$225,000	New Development and Marketing Staff - To support accessible outdoor recreational hubs
Pickford Film Center PO Box 2521 Bellingham, WA 98227	\$300,000	Facility Renovation - To expand access to independent film programming
Seattle Art Museum 1300 First Avenue Seattle, WA 98101-2003	\$331,000	New Staff - To support membership cultivation and retention
Seattle Children's Hospital Foundation PO Box 5371, M/S 818-F Seattle, WA 98145-5005	\$481,000	New Flow Cytometers - To support cutting-edge biomedical research
Seattle Nativity School PO Box 20730 Seattle, WA 98102	\$234,000	New Development Staff - To expand educational opportunities for students from Grade 6 through college
Seattle Pacific University 3307 Third Avenue W Seattle, WA 98119-1997	\$19,000	Anti-Predator Vigilance in a High-Density, Predator-Free Population of Black-Tailed Deer - For Partners in Science Program
Skookum Kids 316 E Mcleod, Ste 108 Bellingham, WA 98226	\$370,000	New Staff - To serve foster children and families



University of Puget Sound 1500 N Warner Street, CMB 1015 Tacoma, WA 98416	\$51,600	Biophysical Consequences of Peroxidation: Stability, Structure, and Dynamics of Proteins and Lipids in Oxidized Membranes - For Murdock College Research Program for Natural Sciences - Physical Sciences
University of Washington PO Box 351230 Seattle, WA 98195-1230	\$19,000	Optimization of a Biosensor for Covid Antibodies in Blood - For Partners in Science Program
Washington State University Foundation PO Box 641925 Pullman, WA 99164-1925	\$370,000	Super-Resolution Light Microscope - To support life sciences research
Washington State University Foundation PO Box 641925 Pullman, WA 99164-1925	\$19,000	How Do Hormones Impact Hearing: Seasonal Auditory Plasticity in a Fish Model - For Partners in Science Program
Washington Water Trust 1500 Westlake Ave N, Suite 202 Seattle, WA 98109	\$184,000	Development and Communications Program Staff - To restore and protect Washington's freshwater
Whitworth University 300 W Hawthorne Road Spokane, WA 99251	\$19,000	Electrically Tunable Ultrasonic Mechanical Wave Propagation in a Classical Analog of Topological Insulators - For Partners in Science Program
Whitworth University 300 W Hawthorne Road Spokane, WA 99251	\$68,227	A Temporally-Explicit Approach for Better Understanding the Ecology of Intraspecific Diversity - For Murdock College Research Program for Natural Sciences - Life Sciences
Wing Luke Memorial Foundation 719 South King Street Seattle, WA 98104	\$364,000	Facility Preservation and Renovation - To expand cultural and heritage spaces and to increase
World Relief Seattle 23835 Pacific Hwy S., Suite 100 Kent, WA 98032	\$336,000	Program Support - To rebuild capacity for refugee resettlement
Young Women Empowered 1143 Martin Luther King Jr., #136 Seattle, WA 98122	\$167,000	New Program Staff - To increase youth well-being
Youth Dynamics PO Box 486 Burlington, WA 98233-0486	\$303,500	Facility Renovation and Expansion - To enhance outdoor adventure experiences for youth



OUTSIDE OF THE PACIFIC NORTHWEST

10 grants | \$6,245,500

Fuller Theological Seminary 135 N Oakland Avenue Pasadena, CA 91182	\$750,000	Program Support - To help faith matter more for teenagers
Summer Search Foundation 304 12th Street, Suite 4A Oakland, CA 94607	\$198,500	New Program Staff - To enhance job readiness programs for young adults
Navigators PO Box 6000 Colorado Springs, CO 80934	\$209,000	New Regional Director - To serve first responders
ServeNow 1817 Austin Bluffs Pkwy, #110 Colorado Springs, CO 80918	\$252,500	New Development Staff - To increase outreach to vulnerable international populations
World Venture 20 Inverness Pl E Englewood, CO 80112-5622	\$169,000	New Staff - To expand anti-sex-trafficking ministry
Young Life 420 N Cascade Avenue Colorado Springs, CO 80903	\$3,500,000	Muddy Road Improvement - To address camp access and safety issues
Youth for Christ USA, Inc. P. O. Box 4478 Englewood, CO 80155-4478	\$334,000	Board Training Program - To serve local chapters
Bread for the World Institute 425 3rd Street SW, Suite 1200 Washington, DC 20024	\$234,000	New Technology Staff - To enhance efforts to combat hunger
The Telos Group PO Box 70872 Washington, DC 20024	\$300,000	Operational Capacity Support - To develop peacemakers
Communio Foundation 5901 Kingstowne Village Pkwy, #102 Alexandria, VA 22315	\$298,500	New Development Staff - To support marriage and family outreach