

## M.J. MURDOCK CHARITABLE TRUST

### QUARTERLY GRANTS REPORT | WINTER 2021

78 Grants | \$14,536,080

#### ALASKA

2 grants | \$625,000

Alaska Arts Southeast PO Box 3086 Sitka, AK 99835	\$400,000	Facility Renovation  - To support arts education in residency
SEND North 4227 Spenard Road, Unit B Anchorage, AK 99517	\$225,000	Facility Renovation  - To serve communities across Alaska and northern Canada

#### IDAHO

10 grants | \$1,177,500

Boise State University 1910 University Drive Boise, ID 83725-1515	\$19,000	Optical Spectroscopy of Multifunctional Oxide Nanomaterials  - For Partners in Science Program
Chief Joseph Foundation PO Box 413 Lapwai, ID 83540	\$115,500	New Program Staff  - To serve underserved youth
Idaho City High School/Middle School 100 Centerville Road Idaho City, ID 83631	\$10,000	Using Dendrochronology and Soil Sciences to Study the Impacts of Mining Disturbances on Forest Ecosystems  - For Partners in Science Supplemental Program
Kuna School District 711 E Porter Street Kuna, ID 83634	\$10,000	Discovering, Testing, and Proposing Solutions to Antibiotic Resistance  - For Partners in Science Supplemental Program
Monastery of St. Gertrude 465 Keuterville Road Cottonwood, ID 83522	\$300,000	Facility Renovation  - To enhance comfort and safety for residents, volunteers, and artists in residence
Steele Memorial Medical Center 203 S Daisy Street Salmon, ID 83467	\$174,000	New 3D Mammography Equipment  - To serve rural patients
University of Idaho 875 Perimeter Drive, MS 3020 Moscow, ID 83844-3020	\$19,000	Survey of Local PFAS Contamination and Development of a Plasma-Based Treatment Technology  - For Partners in Science Program



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University of Idaho 875 Perimeter Drive, MS 3020 Moscow, ID 83844-3020	\$19,000	Lignin Based Coating by Enzymatic Polymerization for Improved Fire Resistance of Building Materials  - For Partners in Science Program
University of Idaho 875 Perimeter Drive, MS 3020 Moscow, ID 83844-3020	\$19,000	Morphological Trade-Offs Balance Predation and Physiology  - For Partners in Science Program
Wassmuth Center for Human Rights 777 S 8th Street, Boise, ID 83702	\$492,000	Facility Construction  - To support education programs

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## MONTANA

7 grants | \$1,603,760

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American National Red Cross - Idaho & Montana 1300 28th Street South Great Falls, MT 59405	\$107,750	New Equipment  - To enhance blood supply storage
Carroll College 1601 N Benton Avenue Helena, MT 59625-0001	\$69,010	Assessing the Role of Aberrant Metabolism and Dysregulated Fluid Flow Mechanotransduction Driving Renal Cystogenesis in Autosomal Dominant Polycystic Kidney Disease using Global Metabolomic Profiling  - For Murdock College Research Program for Natural Sciences - Life Sciences
Code Girls United PO Box 8272 Kalispell, MT 59904	\$112,500	New Executive Director  - To expand computer science education programs
Missoula Butterfly House and Insectarium PO Box 8885 Missoula, MT 59807	\$350,000	Facility Construction  - To support science education
Montana State University Bozeman PO Box 172420 Bozeman, MT 59717-2420	\$513,500	Light Sheet Confocal Microscope  - To support biomedical and life science research
National Museum of Forest Service History PO Box 2772 Missoula, MT 59806	\$300,000	Facility Construction  - To support conservation education
Yellowstone Boys and Girls Ranch 1732 72nd Street W Billings, MT 59106	\$151,000	Facility Improvements  - To serve boys and girls

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## OREGON

29 grants | \$6,558,820

A Family for Every Child 1675 W 11th Avenue Eugene, OR 97402	\$170,000	New Technology  - To support adoption programs
Boys and Girls Club of Salem, Marion and Polk Counties 1395 Summer Street NE Salem, OR 97301	\$350,000	Facility Construction  - To expand services for youth and families
Cannon Beach Conference Center PO Box 398 Cannon Beach, OR 97110-0398	\$300,000	Dining Room and Kitchen Expansion  - To increase camp dining capacity
Columbia River Maritime Museum 1792 Marine Drive Astoria, OR 97103	\$383,000	Historic Vessel Restoration  - To support maritime history and education
Constructing Hope Pre- Apprenticeship Program 405 NE Church St. Portland, OR 97211	\$243,500	Leasehold Improvements  - To increase job training opportunities
Cottage Theatre 700 Village Drive Cottage Grove, OR 97424	\$280,000	Facility Renovation  - To enhance patron and performer experience
Craft3 42 7th Street, Suite 100 Astoria, OR 97103	\$234,000	New Lending Staff  - To strengthen underserved entrepreneurs
Farmers Conservation Alliance 102 State Street Hood River, OR 97031	\$382,000	New Technology and Analytics Staff  - To support water management solutions
Firm Foundation in Christ Ministries 1500 NW 167th Pl. Beaverton, OR 97006	\$193,000	New Development Staff  - To expand international outreach
Grants Pass Area Habitat for Humanity PO Box 2667 Grants Pass, OR 97528	\$132,500	New Executive Director  - To expand affordable housing opportunities
Jesuit Volunteer Corps Northwest PO Box 22125 Portland, OR 97269	\$44,500	New Technology  - To improve constituent engagement
Linfield University 900 SE Baker Street McMinnville, OR 97128-6894	\$69,120	Molecular Basis of Skin Cancer-Associated Genetic Variants of the Melanocortin-1 Receptor Gene  - For Murdock College Research Program for Natural Sciences - Life Sciences



Medical Teams International PO Box 4288 Portland, OR 97208	\$650,000	Staff and Program Expansion  - To increase medical and dental services to individuals and families
Mid-Willamette Family YMCA 3201 Pacific Blvd. SW Albany, OR 97321	\$190,000	New Development Staff  - To enhance services for youth and families
My Voice Music PO Box 28043 Portland, OR 97228-8043	\$178,000	Facility Renovation  - To support youth development
Oregon Health and Science University 3181 SW Sam Jackson Park Road Portland, OR 97239	\$19,000	Promoting Remyelination With Hyaluronidase Inhibitors  - For Partners in Science Program
Oregon Health and Science University Foundation 1121 SW Salmon Street, Suite 100 Portland, OR 97205-2021	\$367,000	Biomedical Research Initiation  - For research on maternal dietary transitions, stress, and infant health
Oregon Humane Society 1067 NE Columbia Boulevard Portland, OR 97211	\$500,000	Facility Construction  - To support statewide animal care program and veterinarian training
Oregon Museum of Science and Industry 1945 SE Water Avenue Portland, OR 97214-3354	\$337,500	New Technology  - To support digital education programs
Oregon State University 312 Kerr Administration Building Corvallis, OR 97331-2128	\$493,500	Continuous Flow Reactor  - To advance chemical discovery, synthesis, manufacturing
Portland State University PO Box 751 Portland, OR 97207-0751	\$19,000	Determining What Factors Affect Where Native Turtle Populations Can Persist  - For Partners in Science Program
Project Lemonade P.O. Box 96144 Portland, OR 97296	\$185,500	New Development Staff  - To support foster youth
Pure Desire Ministries International 886 NW Corporate Drive Troutdale, OR 97060	\$179,500	New Development Staff  - To expand ministry to men and women
Salmonberry Trail Foundation PO Box 3193 Hillsboro, OR 97123	\$200,000	New Development Staff  - To build new rail-to-trail recreational path



The Very Little Theatre 2350 Hilyard Street Eugene, OR 97405	\$200,000	Facility Renovation  - To enhance patrons' experience
University of Oregon 1720 E 13th Avenue, Suite 410 Eugene, OR 97403-2253	\$19,000	Role of Plant Traits in Structuring Microbial Composition and Function in Urban Green Infrastructure: Implications for Urban Sustainability and Management  - For Partners in Science Program
University of Oregon 1720 E 13th Avenue, Suite 410 Eugene, OR 97403-2253	\$19,000	Probing Binary Black Hole Formation with Gravitational Wave Astronomy  - For Partners in Science Program
University of Portland 5000 N Willamette Boulevard Portland, OR 97203-5798	\$69,200	Morphology and Interface Engineering in Solution-Processed Composites for New Energy Storage Materials  - For Murdock College Research Program for Natural Sciences - Physical Sciences
Western Christian School 9045 Wallace Rd N.W. Salem, OR 97304	\$151,000	New Development Staff  - To increase and sustain K-12 education

## WASHINGTON

26 grants | \$3,636,000

Cascade Medical Foundation 817 Commercial St Leavenworth, WA 98826	\$125,000	Mobile Medical Clinic Purchase  - To improve access for rural patients
Centrum Foundation PO Box 1158 Port Townsend, WA 98368	\$182,000	New Technology and Equipment  - To support online arts residencies and education
Chaplaincy Health Care 1480 Fowler St. Richland, WA 99352	\$97,500	New Bilingual Grief Specialist  - To serve grieving children and families
Eastern Washington University 526 5th Street Cheney, WA 99004	\$19,000	Characterization of Complexity Through Photonics Neurons  - For Partners in Science Program
Friends of Lakewood PO Box 39780 Lakewood, WA 98496-3780	\$166,000	New Curatorial Staff  - To support and expand music and art programming
Global Sojourns Giving Circle 275 West 3rd Street, Suite 600 Vancouver, WA 98660	\$145,000	New Executive Director  - To support underserved children, teens, and communities in Africa



Gonzaga University 502 E Boone Avenue Spokane, WA 99258-0001	\$70,000	Identifying Novel Roles for Three Understudied Essential Genes  - For Murdock College Research Program for Natural Sciences - Life Sciences
Granite Falls Historical Society PO Box 1414 Granite Falls, WA 98252	\$60,000	Facility Expansion  - To increase museum displays, storage, and workspace
Kennewick School District 1000 W 4th Avenue Kennewick, WA 99336-5601	\$19,000	Partitioning Stream Metabolism Across the Yakima River Basin  - For Partners in Science Program
Mentoring Urban Students & Teens 4093 Letitia Avenue S Seattle, WA 98118	\$155,500	New Program Staff  - To expand service to youth and young adults
Northwest Sarcoma Foundation 117 E Louisa St., #443 Seattle, WA 98102	\$83,500	New Development Staff  - To support more patients and research
Northwest School of Wooden Boat Building 42 N Water Street Port Hadlock, WA 98339	\$114,000	Program Expansion  - To support online maritime education
Pullman Regional Hospital Foundation 840 SE Bishop Boulevard, Suite 200 Pullman, WA 99163	\$450,000	Facility Renovation  - To train and serve rural health providers in partnership with WSU Medical School
RE Sources 2309 Meridian Street Bellingham, WA 98225	\$154,500	New Program Staff  - To expand job skills training program
Sacred Earth Foundation 401 Ekone Rd Goldendale, WA 98620	\$250,000	Facility Expansion and Renovation  - To enhance camper services
Society of St. Vincent de Paul - North Sound Council PO Box 2269 Everett, WA 98213-0269	\$320,000	Facility Construction  - To expand services to people in need
Street Psalms 1001 Yakima Ave., Suite 15 Tacoma, WA 98405	\$159,000	New Technology  - To establish and grow an international network of virtual training hubs
Thrive Chelan Valley PO Box 3051 Chelan, WA 98816	\$43,000	New Program Staff  - To improve services for youth



Union Gospel Mission Association of Olympia PO Box 7668 Olympia, WA 98501-7668	\$137,000	Facility Purchase  - To expand recovery services for homeless persons
University of Puget Sound 1500 N Warner Street, CMB 1015 Tacoma, WA 98416	\$462,000	New Program  - For graduate education in public health
University of Washington PO Box 351230 Seattle, WA 98195-1230	\$19,000	A Portable Biosensor for Measurement of Covid-19 Antibodies in Community Testing  - For Partners in Science Program
Washington State University Foundation PO Box 641925 Pullman, WA 99164-1925	\$19,000	Learning About Biogeochemical Research Through Practice: Evaluating Interactions Between Phytoplankton, Nutrients and Oxidic Methane Production in Lacamas Lake  - For Partners in Science Program
Western Washington University 516 High Street Bellingham, WA 98225-9000	\$19,000	Development of Larval Fishes of the Salish Sea  - For Partners in Science Program
Whitman College 345 Boyer Avenue Walla Walla, WA 99362-2083	\$70,000	Single-Source Precursor Libraries for the Controlled Synthesis of Zinc Sulfide Nanomaterials  - For Murdock College Research Program for Natural Sciences - Physical Sciences
Whitman College 345 Boyer Avenue Walla Walla, WA 99362-2083	\$70,000	Hydroquinone Ring-Cleaving Dioxygenase PnpC1C2: Mechanistic Characterization and Reengineering for Activity Towards Novel Substrates  - For Murdock College Research Program for Natural Sciences - Physical Sciences
Wolf Haven International 3111 Offut Lake Rd SE Tenino, WA 98589	\$227,000	New Development Staff  - To support wolf conservation programs

## NATIONAL & BRITISH COLUMBIA

4 grants | \$935,000

Alpha International 5-7 Cromwell Road London, UK SW7 2HR	\$500,000	Media Expansion  - To engage faith seekers
American Farmland Trust 1150 Connecticut Ave. NW, Suite 600 Washington, DC 20036	\$150,000	New Policy Staff  - To protect farmlands and support farmers in Washington and Oregon



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The Veritas Forum  
PO Box 380807  
Cambridge, MA 02238

\$135,000 New Website

- To increase digital outreach to university students and faculty

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The Faith and Law Project  
P.O. Box 7585  
Arlington, VA 22207

\$150,000 Program Support

- To strengthen Capitol Hill leadership development

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