2016 Annual Report

M.J. MURDOCK CHARITABLE TRUST

PARTNERING WITH THOSE WHO SERVE THE COMMON GOOD.
IT’S IMPORTANT TO THINK GOOD, SPEAK GOOD, AND DO GOOD. IF WE WANT TO SEE POSITIVE CHANGE IN THE WORLD, THEN WE NEED TO CONNECT TO GOODNESS.

– SHARI ARISON
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Our Mission

TO ENRICH THE QUALITY OF LIFE IN THE PACIFIC NORTHWEST BY PROVIDING GRANTS AND ENRICHMENT PROGRAMS TO ORGANIZATIONS SEEKING TO STRENGTHEN THE REGION’S EDUCATIONAL, SOCIAL, SPIRITUAL, AND CULTURAL BASE IN CREATIVE AND SUSTAINABLE WAYS.
From the Executive Director

Here at the Murdock Trust, we regularly take the time and space to reflect on what we value and stand for, and we did this again in 2016. It was an important exercise, and a great reminder, to put into words the heart of who we are and what we do.

The Murdock Trust makes grants that enrich life in the Pacific Northwest. This is our objective, and it’s right there in our mission statement. We partner with nonprofits that strengthen our communities socially, spiritually, educationally, and culturally, all working toward the common good.

We stand with those who serve others—the difference-makers and forward thinkers, the caretakers and question-askers, the bridge builders and the groundbreakers. Our partners do extraordinary things, and we are privileged to help them deliver strength to the underserved, knowledge to the seekers, inspiration to the innovators, and opportunities to those who advance our culture.

The nonprofits in our region hold their own among the best in the nation, and they embody what our benefactor Jack Murdock valued: entrepreneurship, innovation, service, hard work, life-long learning, a heart for others, and the relentless pursuit of knowledge in addressing and solving our world’s issues.
We value new ways to challenge old problems, and we believe in the power of hope as an expression of faith. This is our work—but it’s also our life. Because when individuals, families, and communities flourish, we all move forward together.

We are honored to be part of this great work. Thank you for the ways in which you live out this mission and these values every day, keeping Jack’s legacy alive and making a lasting impact on our communities, our region, and our world.

Steve Moore
Executive Director
Melvin J. “Jack” Murdock was born in Portland, Oregon, on August 15, 1917. At just 16 years old, he wrote his autobiography, setting several goals for himself: to establish his own business, study radio phenomena, perform experiments, and produce inventions that would “be of great benefit to the people of the world.” A natural knowledge-seeker with an entrepreneurial spirit, Jack chose to forego college and go straight into business.

With the help of his parents, he purchased a small shop to sell and service radios and electrical appliances. There, in 1936, he began a long-term working relationship with Howard Vollum. Through their work, the oscilloscope was born, which resulted in them becoming principal co-founders of Tektronix in 1946, a development interrupted only by Jack’s service to the country in the Coast Guard during World War II.

Through Tektronix, Jack introduced a high-tech emphasis in our region that has grown remarkably, all based on solid scientific research. Jack first served as vice president and general manager of Tektronix, and was then elected to board chair in 1960, a position he held until his death in 1971. Today Tektronix is one of the world’s most prominent electronic instrumentation companies and a major employer in Oregon.
Jack had a number of interests beyond Tektronix, including operating a Piper Aircraft distributorship for the Pacific Northwest, based in Vancouver, Washington. He also established his own foundation, the Millicent Foundation (named for his mother), which was his personal vehicle of giving in the region. Simply by opening a box of hand-written records on a shelf in our offices, we see his heart for others—a wide variety of organizations he believed worthy of his support and a guide to our philanthropy today.

Jack’s wide-ranging interests and his practice of philanthropy live on today in the form of the charitable Trust established from his estate in 1975. Since then, thousands of grants worth hundreds of millions of dollars have been invested in the work, play, education, and creativity of people in the region. Surely he would have enjoyed seeing the harvest of his dreams and the ripple effect of his work. Jack left more than a Trust; he left a legacy, which is still being written today.

Jack was both an idealist and a realist and relentlessly sought new insights in all areas of his life. He believed in science as a main source of knowledge, and in knowledge as a key ingredient to addressing and solving our world's issues and challenges. He was thoroughly unpretentious, soft-spoken, and a considerate listener, possessing a rare combination of good judgment, hard work, tolerance, commitment to life-long learning, and scrupulous honesty.
TRUE PHILANTHROPY REQUIRES A DISRUPTIVE MINDSET, INNOVATIVE THINKING, AND A PHILOSOPHY DRIVEN BY ENTREPRENEURIAL INSIGHTS AND CREATIVE OPPORTUNITIES.

– NADEVEN JAIN
A Thriving Ecosystem

We are privileged to serve a region teeming with nonprofits that are working toward the betterment of their communities. Nonprofits from all sectors are addressing the varied needs of people in innovative ways, making it their goal to improve quality of life and create a thriving society.

In the arts, we see local community theaters instilling a love of the arts in children from a young age, music education programs being built online to allow access to learning for all, and world-class choreographers bringing creative dance to the stage in the Pacific Northwest.

In education, museums are expanding our worldviews and our knowledge of cultures around us, schools are teaching our youth about science and technology in new and creative ways, and wildlife centers are working to conserve at-risk ecosystems.

In health and human services, people in rural communities have life-saving access to healthcare, teenagers have access to safe and fun places to hang out after school with mentors, and individuals and families are given training and the opportunity to transition out of homelessness.

In scientific research, high school science teachers are learning cutting-edge research and bringing it back to their classrooms to instill a love of science in teenagers, groundbreaking research is being done to find a cure for cancer, and scientists are working toward the betterment of our planet through climate, water, and ecology research.

Change happens one interaction at a time, one moment at a time, one person at a time, and the organizations we partner with work toward change, in their own unique and creative ways, for a healthy and thriving society for all.
Helping All People Flourish

We believe in working toward the flourishing of all people, with particular attention to those who are the most vulnerable in our society. The Murdock Trust is proud to partner with organizations that serve those experiencing homelessness, food insecurity, mental health, foster care, addiction, and disability.

Vine Maple Place | Providing direct support services to single parents and their children in Maple Place, Washington. Vine Maple Place believes that breaking the cycle of homelessness starts with the right tools, a supportive network, and personal investment. The Family Hope Center, supported by a Trust grant, has allowed Vine Maple Place to serve more families and expand its programming to include mentoring, counseling, employment training, and parenting skills classes.

Birch Community Services | Birch fosters self-sufficiency in families who are struggling financially in Portland, Oregon. Families pay a low fee and volunteer regularly for access to Birch’s warehouse where they can “shop” for food, clothing, and household goods, and they attend financial management, computer skills, and career advancement classes. The Trust-funded operations manager oversees these services and programs that are accessed by hundreds of people each week.

Legacy Health Foundation | The Unity Center for Behavioral Health is a city-wide venture project spearheaded by Legacy and is a new model of care for emergent, residential, and community-based mental and behavioral health services in Portland, Oregon. Hospitals in the Portland area have insufficient capacity for acute inpatient mental and behavioral health care, and the Trust-funded Unity center addresses this critical need in the community, providing a safe place for people to receive treatment and care.
A THRIVING ECOSYSTEM

Olive Crest | With locations along the West Coast, Olive Crest is a national child placement agency that serves children in foster care by working with foster homes, securing foster placements, providing counseling, parent education, training, and certification of foster families, and maintaining programs that prevent and treat child abuse. The Trust supported the renovation of a new facility in Bellevue, Washington, to allow Olive Crest to provide these life-changing services.

New Earth Recovery | New Earth offers safe, high-accountability, and substance-free housing for individuals who want to maintain their sobriety and find healing from the wounds that have contributed to their cycles of addiction. With both a men’s and a women’s house for resident recovery, the Trust supported the purchase and renovation of a new men’s facility to provide accommodations for eight full-time residents.

Northwest Association for Blind Athletes | NWABA provides life-changing opportunities through sports to individuals in the Pacific Northwest who are blind or visually impaired. People of all ages participate in the 12 athletic programs, building self-esteem, independence, and community. The Trust funded a development director to help NWABA establish a development program, allowing it to grow, expand its programming, and serve more people.
Creativity and the Arts are vital components of a well-rounded community and a thriving ecosystem. Nonprofits in this sector nurture creativity and inspiration in individuals, families, businesses, and organizations, and we value our partnership with all those who work to enrich our lives with transformational art and programming.

**Japanese Garden Society of Oregon** | Located in the heart of Portland, the Japanese Garden contains five distinct garden styles representing 1,300 years of historical development in Japanese gardens and culture. It is a unique teaching garden and is world-renowned for its authenticity and beauty. The Trust helped fund the expansion of its facilities to provide a space for visitors to immerse themselves in traditional Japanese arts through activities and performances, and to establish an institute for teaching Japanese garden design and maintenance.

**Boise State Public Radio** | Transmitting to southern and central Idaho, Boise State Public Radio connects nearly 1 million listeners to NPR news, programming, classical music, and jazz. The Trust helped the radio station purchase a new transmitter, audio processing equipment, a back-up generator, and other essential equipment to help improve its broadcasting and ensure that it continues to reach listeners with important public radio content.

**Capacity Building: Oregon** | In 2016, 12 arts and cultural organizations in Oregon completed a two-year training cohort to build their capacities. Supported by a collective of eight foundations, these arts organizations took part in formal seminars, online master classes, and individual consultations in an effort to foster sustainability and long-term growth to continue to deliver quality programs and services to Oregonians. The cohort made significant advances in artistic planning, board development, marketing and fundraising, and institutional marketing.
Rural communities are scattered all throughout the Pacific Northwest. Though they are remote and sparsely populated, their residents have the same needs as those in urban and suburban settings. The Trust places special emphasis on supporting the diverse, and sometimes unique, needs of rural communities, especially in rural health and conservation.

**Arctic Broadcasting Association** | Broadcasting out of Nome, Alaska, Arctic Broadcasting airs programming, news, music, and weather to native Alaskan villages throughout western Alaska and into the Russian Far East. KICY AM and FM are the only radio stations that reach some of these rural and hard-to-access communities, connecting them to the outside world. Two radio towers for the FM station were damaged by arctic weather conditions, and the Trust provided a grant to repair and outfit them to withstand the freezing weather.

**Cabinet Peaks Medical Center** | Serving the small farming town of Libby, Cabinet Peaks is a robust hospital that provides a wide array of services to 19,000 residents, over 3,700 square miles, in rural Montana. A new CT scanner funded by the Trust is essential to a town that suffered long-term asbestos exposure between the 1940s and 1990s, providing critical diagnostic imaging.

**Viola Community Club** | In the small town of Viola, Idaho, the volunteer-run Viola Community Club supports the local school, church, and children’s home and for 60 years served as a community center for Viola’s 1,000 residents, until the original clubhouse was condemned. The Trust supported the construction of a new community center to provide the sole gathering space for this rural town and its neighbors.
Blackfoot Challenge | Blackfoot Challenge manages the conservation of the Blackfoot River, its tributaries, and the adjacent lands located in 1.5 million acres in rural Ovando, Montana. Its land stewardship program needed a full-time steward to promote sustainable resource management and habitat conservation, which the Trust helped fund.

Pacific Crest Trail Association | The PCTA has worked for the last 40 years to maintain and protect the Pacific Crest Trail, which runs from the Canadian border through Washington and Oregon, and ends at California’s Mexican border. About 10 percent of the trail is on private land and lacks the permanent protection afforded to the other 90 percent. A Trust grant helped PCTA develop a communications and marketing plan to broaden awareness of the PCT, with the ultimate goal of achieving its vision to permanently protect the entire trail.
Our founder, Jack Murdock, was an entrepreneur and visionary, seeking unique solutions to problems through science, research, and innovation. We at the Trust hold the same values, and we are proud to carry on Jack’s legacy by funding breakthrough scientific research, STEM programs to inspire the next generation of scientists, and entrepreneurial pursuits to solve real-world problems and work toward a better future.

**University of Washington** | Through the Commercialization Initiation grant program, University of Washington’s project addresses one of the most central challenges that limits the use of renewable energy sources—energy storage. The limitation is caused in part by the high cost of producing polymeric ionic membranes for manufacturing flow batteries. This project proposes the development of a low-cost, high performance, ceramic-based membrane for use in grid-scale flow batteries. An expert dubbed this project a gem. This grant is being co-funded by an NSF SBIR (Small Business Innovation Research) grant to develop this technology by Ionic Windows LLC, based in Seattle.

**Fred Hutchinson Cancer Research Center** | Antibodies are used in virtually all aspects of biomedical research; many are critical tools in medical diagnostics, and some have become a part of the powerful armament for cancer treatment. An investment in the STARlet Antibody Discovery Workstation for high throughput discovery of antibodies from hybridomas and B-cells will set the stage for the Hutch to become a global leader in antibody-based and immunotherapy research.
**Girl Scouts of Alaska** | Headquartered in Anchorage, Girl Scouts of Alaska serves girls in 90 communities, 37 percent of which are off the road system in rural Alaska. For these girls in kindergarten through 12th grade, Girl Scouts offers the only afterschool, leadership, and camp programs. Now, with the help of a Trust grant, Girl Scouts has expanded its STEM program to offer experiences in astronomy, engineering, computer and app coding, environmental workshops, and flight simulation to give girls experiences with science, technology, engineering, and mathematics.

**Praxis** | Believing that the future of the world depends largely on the ventures created by the next generation, Praxis is a directed community of faith-based entrepreneurs seeking to make a social impact by building businesses and nonprofits that advance the common good. Praxis provides intensive trainings in a cohort model to the leaders of these nonprofits and businesses to build sustainable, high-impact organizations. To ensure the depth and quality of Praxis’ community engagement as it grows each year, the Trust funded a new partner to recruit, train, and mentor social entrepreneurs.
The Nonprofit Ecosystem

We believe that healthy nonprofits are effective nonprofits, and relevant and quality support is essential to helping them thrive. Nonprofit support organizations, community foundations, and other philanthropic partners provide vital resources and services to support nonprofits, allowing them to better carry out their missions and serve the individuals, families, schools, businesses, and organizations in their communities.

Foundation Center | Founded with a vision to provide transparency to strengthen the relationship between the public, foundations, and the government, Foundation Center provides an array of services to make information about the social sector accessible to all. Trust support bolstered FC’s public service programs, which include its online charity database, research and reports, online training courses, and library/learning centers in five major cities.

Idaho Nonprofit Center | Idaho Nonprofit Center’s mission is to provide resources to build strong and accountable nonprofits. It serves Idaho’s 5,300 nonprofit organizations’ board and staff members through governance trainings, leadership development, financial management, fundraising, planning, and other topics critical to nonprofit health. A Trust grant helped expand INC’s reach to serve nonprofits in rural communities.
Juneau Community Foundation | Juneau CF is one of Alaska’s four independent community foundations and manages funds for local nonprofits, donor advised funds, and field of interest funds, for a total of 51 funds to promote philanthropy and respond to the needs of the community in Juneau. The Trust helped fund a field of interest program officer to lead Juneau CF’s seven field of interest funds and expand its philanthropic giving.

Washington Nonprofits | Washington Nonprofits is the state’s nonprofit support organization, whose mission is to provide access to training and resources, serve as a nonprofit sector advocate, and educate about public policy issues affecting the sector. Trust funds helped expand Washington Nonprofit’s program to broaden its reach and provide better support for nonprofit organizations.
Strengthening Democracy, Civility, and the Common Good

Democracy and civil discourse are vital to a healthy society. It is only when the voices of all people are heard and everyone is represented that we can truly work toward the common good. The Murdock Trust fosters partnerships with nonprofits that are keeping immigrant families safe and together, raising up the next generation of leaders to stand up against intolerance and improve their communities, and helping people look outside themselves to address the needs of their neighbors.

**Holocaust Center for Humanity** | Through the study of the Holocaust and learning that emphasizes critical thinking, the Holocaust Center teaches students to stand up to bullying, prejudice, and intolerance. A new Trust-funded staff member provides higher quality outreach and trainings to teachers in public, private, and homeschooled, as well as youth detention programs, with the goal of reaching 50,000 students in the next three years.

**Northwest Immigrant Rights Project** | NWIRP assists families and individuals fleeing civil wars and violence in Central America. Volunteer lawyers represent immigrants facing deportation and detained at the Northwest Detention Center in Tacoma, Washington. A Trust grant funds a full-time attorney to represent people detained in the detention center with the goal of keeping families together as allowed under asylum and immigration laws.
Foundation Center | Located in Spokane, Washington, Generation Alive facilitates service projects for young people to identify and address needs in their communities, such as hunger and human trafficking. The Trust funded the creation of a development program at Generation Alive to help address growth and sustainability.

Headwaters Economics | Headwaters Economics is an independent research group of economists, ecologists, geographers, and communications specialists who work with local communities facing natural resource and economic development challenges. The Trust funded new staff to help community leaders with important decision-making by providing education and understanding of their local economies.

Washington Policy Center | Based in Seattle, the Washington Policy Center is a nonpartisan, free-market think tank that works to improve lives by reaching policymakers and citizens through legislative testimony, media outreach, publications, and conferences and forums. With the help of a Trust grant, WPC expanded a program to engage young professionals in community leadership.
TO WORK FOR THE COMMON GOOD IS THE GREATEST CREED.

– WOODROW WILSON
Partners in Science Meetings
95 high school science teachers presented the findings of two summers of cutting-edge research performed in science labs with investigator mentors.

Board Leadership
47 executive leaders and board members learned the essentials of building a strong board for their nonprofit organizations.

Women in Leadership
170 women in business gathered to network, build their management skills, and be encouraged in their careers.

Founder’s Day
To celebrate our 40th anniversary, Trustees and staff hosted concurrent Founder’s Day gatherings in Alaska, Idaho, Montana, Oregon, and Washington to celebrate the ecosystem of nonprofits in our region.
A LOOK BACK AT 2016

SEPTEMBER 11-14
Trustees and staff visited grantees, representing various sectors, all along the Oregon coast for the annual retreat.

SEPTEMBER 1
Lyn Swanson retired as Trustee and became the first Trustee Emeritus, and Jeff Pinneo started as our newest Trustee.

AUGUST 29
We launched a new website, and for the first time in nearly 30 years, we refreshed our brand.

OCTOBER 7-9
Vision and Call Retreat
Celebrating its tenth anniversary, 90 interns gathered to learn about finding their place in the larger work of leadership development in the Pacific Northwest.

NOVEMBER 4-5
Murdock College Science Research Conference
Celebrating 25 years in supporting undergraduate research, more than 500 people attended the conference to hear students present their research.

NOVEMBER 30-DECEMBER 1
Leadership Advance Conference
More than 250 leaders gathered at the 12th annual conference to understand the importance of leadership development at all levels of an organization.
Grants Awarded 2016

120 GRANTS • $27,008,200

ALASKA
13 • $2,407,340

IDAHO
21 • $3,388,025

MONTANA
25 • $3,871,193

OREGON
94 • $15,637,704

WASHINGTON
96 • $15,475,245

NATIONAL + BRITISH COLUMBIA
28 • $7,177,500

Organizations whose work impacts the Pacific Northwest

Trust Matching Gifts Program: $954,411
The Trust matches gifts made to eligible organizations by Trust staff and Trustees to promote and encourage charitable giving.

Grant Reserve Fund: $1,000,000
Grants Awarded 2016

277 GRANTS • $47,957,007

Our grantees do extraordinary things, and we are drawn to pursuits that rebuild and renew, innovate, transform and strengthen. We are proud to partner with a wide array of nonprofit organizations serving diverse purposes and populations. The Northwest is a tapestry woven from the thread of nonprofits working together for the common good:

From providing CT scans in rural Montana in a town affected by exposure to asbestos, to creating an online music education program based out of Seattle, to launching new blood treatment technology in the commercial market out of a research university in Oregon, to creating a love for the environment through outdoor education for youth in Alaska, to enriching high school science teachers with research opportunities in Idaho.

The following pages detail the vast array of nonprofit organizations working toward the flourishing of all people. Be inspired by the good work they are doing as they take part in the amazing ecosystem of partnerships and together work toward making a difference in our region, our nation, and our world.
## Arts & Culture

### 18 GRANTS • $3,983,000

Since its founding in 1975, the Trust has awarded more than $60 million through over 450 grants to support arts and culture in the Pacific Northwest.

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Description</th>
<th>Location, State</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>All-Star Orchestra Summit</td>
<td>Program Expansion For web-based music education</td>
<td>Seattle, WA, WA</td>
<td>$250,000</td>
</tr>
<tr>
<td>Archie Bray Foundation</td>
<td>Facility Construction and Renovation To support artists in residence, in honor of Christopher (Kit) Gillem</td>
<td>Helena, MT, MT</td>
<td>$350,000</td>
</tr>
<tr>
<td>Bag and Baggage Productions</td>
<td>Theater Renovation To enhance patron experience</td>
<td>Hillsboro, OR, OR</td>
<td>$250,000</td>
</tr>
<tr>
<td>Capella Romana</td>
<td>Full-Time Executive Director For choral arts organization</td>
<td>Portland, OR, OR</td>
<td>$190,000</td>
</tr>
<tr>
<td>Circus Project</td>
<td>New Staff To support performing arts</td>
<td>Portland, OR, OR</td>
<td>$133,000</td>
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<tr>
<td>Early Music Guild of Seattle</td>
<td>Establish Development Program To expand programming</td>
<td>Seattle, WA, WA</td>
<td>$120,000</td>
</tr>
<tr>
<td>Friends of Chamber Music</td>
<td>New Staff For marketing and community engagement</td>
<td>Portland, OR, OR</td>
<td>$135,000</td>
</tr>
<tr>
<td>Friends of Lakewold</td>
<td>Facility Improvements For visitor accessibility and usability</td>
<td>Lakewood, WA, WA</td>
<td>$144,000</td>
</tr>
</tbody>
</table>
Japanese Garden Society of Oregon
Facility Improvements
To enhance visitor experience
Portland, OR | $750,000

Miracle Theatre Group
New Staff
To support business management
Portland, OR | $102,000

Moving Picture Institute
Higher Education Regional Outreach
For “Mama Rwanda” film program on entrepreneurship
New York, NY | $75,000

Northwest Choirs
Leasehold Improvements
To enhance music education
Seattle, WA | $150,000

Oregon Symphony Association
Technology Upgrades
To improve patron amenities
Portland, OR | $100,000

Parks and Recreation Foundation of Vancouver and Clark County
Water Feature Construction
For community engagement at Columbia Waterfront Park
Vancouver, WA | $650,000

Portland Ballet
Facility Expansion
To support young dancers
Portland, OR | $100,000

Portland Opera Association, Inc.
New Equipment
To support new summer festival format
Portland, OR | $190,000

Taproot Theatre
Marketing Program Initiative
For audience engagement
Seattle, WA | $107,000

White Bird
New Staff
To support dance performances
Portland, OR | $187,000
Clockwise from top left: Miracle Theatre Group (photo by Russell J. Young), Archie Bray Foundation, Portland Ballet (photo by Blaine Truitt Covert), Northwest Choirs (photo by Ben VanHouten), Taproot Theatre (photo by Erik Stuhaug), Japanese Garden Society of Oregon (photo by Bruce Forster)
Through more than 1,600 grants totaling almost $315 million, the Trust has supported education efforts in the Pacific Northwest.

**FORMAL**
- Concordia University
  - Technology and Equipment
  - For 3 to PhD College of Education initiative
  - Portland, OR | $636,000

- George Fox University
  - Facility Renovation
  - For Hy Vista Retreat Center
  - Newberg, OR | $214,000

- Jesuit High School
  - Facility Renovation
  - To improve student learning
  - Portland, OR | $240,000

- Valley Catholic Middle High School
  - Facility Construction
  - For high school science education
  - Beaverton, OR | $350,000

- Wellspring Foundation for Education
  - Development Program Expansion
  - To support educational training
  - Langley, BC | $185,000

**INFORMAL**
- Alaska Zoo
  - Facility Construction
  - For polar bear conservation and research
  - Anchorage, AK | $250,000

- American Enterprise Institute for Public Policy
  - Facility Renovation
  - To enhance policy research
  - Washington, DC | $255,000

- Arctic Broadcasting Association
  - Transmission Tower Improvements
  - To ensure signal delivery
  - Nome, AK | $100,000

- Association of Christian Schools International
  - Member Support Program
  - To increase effectiveness of private K-12 schools
  - Colorado Springs, CO | $400,000
Boise State University  
Public Radio Transmission  
To improve listener experience  
Boise, ID | $240,000

Cascade Policy Institute  
Education Funding Reform  
For policy research  
Portland, OR | $170,000

Denali Education Center  
New Program Staff  
For youth outdoor education  
Denali, AK | $87,000

Discovery Institute  
Program Support  
For entrepreneurship and economic development  
Seattle, WA | $300,000

Ethics and Public Policy Center, Inc.  
Program Support  
To engage journalists  
Washington, DC | $150,000

Foundation Center  
Public Service Programs  
To support the nonprofit and philanthropic community  
New York, NY | $90,000

Friends of Montana PBS, Inc.  
Television Transmission Equipment  
For expanded services in Helena  
Bozeman, MT | $197,000

Heritage Foundation  
Program Support  
For Civil Society programs  
Washington, DC | $300,000

High Desert Museum  
Otter Exhibit Renovation  
To educate and promote wildlife conservation  
Bend, OR | $94,000

Historic Carousel and Museum  
New Facility  
For education and community engagement  
Albany, OR | $200,000

Holocaust Center for Humanity  
New Education Staff  
To expand teacher education and student reach  
Seattle, WA | $172,000

Idaho State Historical Society  
Exhibit Fabrication  
To enhance visitor education and experience  
Boise, ID | $500,000

Idaho Zoological Society  
dba Friends of Zoo Boise  
New Exhibit Construction  
To promote international wildlife education and conservation  
Boise, ID | $300,000
Imagine Children’s Museum
Establish Development Program
To support family programming
Everett, WA | $165,000

Lee Pesky Learning Center, Inc.
New Technology
To support children with learning differences
Boise, ID | $152,500

LeMay - America’s Car Museum
Exhibit Fabrication and Installation
To expand children’s STEM education
Tacoma, WA | $250,000

Moody Bible Institute of Chicago
Flight Simulators
For training pilots
Chicago, IL | $400,000

Museum of Flight Foundation
Aviation Pavilion Construction
To expand visitor experience
Seattle, WA | $750,000

Nordic Heritage Museum
New Facility Construction
To educate visitors
Seattle, WA | $500,000

Oregon State Parks Foundation
Experience Center Construction
To diversify visitor opportunities
Portland, OR | $150,000

Oregon Zoo Foundation
Facility Construction
To expand education programs
Portland, OR | $244,000

Pacific Northwest Truck Museum
Facility Construction
To enhance visitor learning experience
Brooks, OR | $150,000

Steamer Virginia V Foundation
Establish Development Program
For maritime education
Seattle, WA | $101,000

Trigg-C.M. Russell
Museum Equipment Upgrade
For collection preservation
Great Falls, MT | $250,000

Washington Policy Center
Young Professional Program
To advance civic engagement
Seattle, WA | $150,000

Wassmuth Center for Human Rights
Outdoor Classroom Construction
To expand educational programs
Boise, ID | $120,000

Wildlife Images Rehabilitation and Education Center
Capital Improvements
To broaden visitor experience
Merlin, OR | $175,000
Clockwise from top left: Idaho Zoological Society, Museum of Flight, High Desert Museum (photo by Lee Schaefer), Arctic Broadcasting Association, Denali Education Center, Concordia University
Health & Human Services

120 GRANTS • $27,008,200

The Trust has supported nonprofit organizations in the health and human services sector over the past 41 years through 2,675 grants totaling more than $350 million.

GENERAL
Alaska Community Foundation
State-wide Facility Improvements
To shelter and support women and children
Anchorage, AK | $200,000

All God’s Children International
New Videography Staff
To showcase foster and adoption services
Vancouver, WA | $238,000

Asian Health and Service Center
New Service Center
To expand services
Portland, OR | $350,000

Barrett Hospital Development Corporation
New 3D Mammography Equipment
To serve rural patients
Dillon, MT | $243,700

Beartooth Mountain Christian Ministries
Establish Development Program
To increase camp capacity
Fishtail, MT | $143,000

Bend Area Habitat for Humanity
ReStore Expansion
To serve low-income families
Bend, OR | $150,000

Birch Community Services, Inc.
New Staff
To empower individuals and families
Portland, OR | $159,000

Blackfoot Challenge, Inc.
Program Expansion
For managing land use and conservation
Ovando, MT | $180,000
Blood Center Foundation of the Inland Northwest
New Bloodmobile
To serve Washington, Idaho, and Montana patients
Phoenix, AZ | $130,000

Boys and Girls Club of Corvallis
Facility Construction
To serve teenagers
Corvallis, OR | $300,000

Cannon Beach Conference Center
Facility Construction
To increase retreatant capacity
Cannon Beach, OR | $385,000

Catholic Charities of the Archdiocese of Portland in Oregon
New Staff
To expand financial wellness program
Portland, OR | $259,000

Cedar Springs Camp and Conference Center
Purchase Property
To serve youth and families
Lake Stevens, WA | $200,000

Centro de la Raza
New Facility
For entrepreneurial programming
Seattle, WA | $300,000

Columbia Land Trust
Klickitat Canyon Forest Land Acquisition
Toward purchase and management of a community forest
Vancouver, WA | $450,000

Columbia Lutheran Charities dba Columbia Memorial Hospital
Facility Construction
For cancer patient treatment
Astoria, OR | $300,000

Community Council of Idaho, Inc.
New Health Clinic
To expand services to low-income families
Caldwell, ID | $300,000

Community for Youth
New Staff
To support mentoring program
Seattle, WA | $171,000

Community Vision, Inc.
Facility Construction
To serve people with disabilities
Portland, OR | $300,000

Compassion International
Establish Northwest Regional Office
To increase child sponsorships
Colorado Springs, CO | $255,000
HEALTH & HUMAN SERVICES

YMCA of Pierce & Kitsap Counties, St. John’s Lutheran Hospital, Intermountain Deaconess Children’s Services, Northwest Immigrant Rights Project, Oregon Food Bank.
Cook Inlet Tribal Council, Inc.
New Information Management System
To serve Alaska natives
Anchorage, AK | $494,000

Cottage Grove Community Hospital Foundation
New 3D Mammography Equipment
To serve rural patients
Cottage Grove, OR | $139,000

Crystal Peaks Youth Ranch Co.
Facility Renovation
To improve participant experience
Bend, OR | $250,000

Dare 2 Share Ministries
Program Redesign
To train youth leaders and adolescents
Arvada, CO | $225,000

Eastside Corps of the Salvation Army, Northwest Division, Western Territory
New Community Center
To expand services to youth and families
Seattle, WA | $250,000

East-West Ministries International
Sabbatical Study
To strengthen leadership and executive transition
Plano, TX | $15,000

Ecotrust
Facility Renovation
To strengthen regional food systems
Portland, OR | $500,000

Elevate USA
New Staff
To support local affiliates
Arvada, CO | $413,000

Elgin Health District
New Clinic Construction
To serve rural patients
Elgin, OR | $275,000

Emergency Food Network of Tacoma and Pierce County
Facility Renovation
To address hunger
Lakewood, WA | $250,000

Everett Gospel Mission
New Staff
To expand distributed services delivery model
Everett, WA | $97,000

FareStart
Program Expansion
To prepare students for employment
Seattle, WA | $192,000
First Image
*Expand Development Program*
To serve women and families
Portland, OR | $125,000

Flathead Lutheran Bible Camp
*Establish Development Program*
To expand programs and services
Kalispell, MT | $154,000

Focus on the Family
*Expand Digital Help Center*
To serve individuals and families
Colorado Springs, CO | $350,000

Food Lifeline
*New Facility*
To address food security
Seattle, WA | $500,000

Friends of Buford Park and Mt. Pisgah
*New Staff*
To promote park conservation
Eugene, OR | $165,000

Friends of the Children – National
*New Marketing and Communication Staff*
To support national mentoring programs
Portland, OR | $250,000

Gallatin Valley Young Men’s
Christian Association, Inc.
*New Facility*
To expand services to the community
Bozeman, MT | $300,000

Generation Alive
*Establish Development Program*
To encourage students to serve
Spokane, WA | $126,000

Generous Giving, Inc.
*Program Support*
To encourage generosity
Chattanooga, TN | $1,000,000

Girl Scouts of Alaska
*New Staff*
To expand STEM Programs
Anchorage, AK | $141,000

Girls Scouts of Silver Sage Council, Inc.
*Facility Construction*
To serve campers
Boise, ID | $65,000

Girls Inc. of the Pacific Northwest
*New Staff*
To expand program outreach
Portland, OR | $166,000
Greater Douglas United Way
Administrative Support
For UCC Strong
Roseburg, OR | $30,000

Grotto, The National Sanctuary of Our Sorrowful Mother
Establish Development Program
To support program growth and facility upgrades
Portland, OR | $282,000

Habitat for Humanity of Snohomish County
New Staff
To serve low-income families
Lynnwood, WA | $105,000

Headwaters Economics, Inc.
New Staff
To support natural resource research
Bozeman, MT | $183,000

Health West, Inc.
Clinic Equipment
To expand capacity for dental and behavioral health care
Pocatello, ID | $150,000

Heart of Oregon Corps, Inc.
New Equipment
To serve and employ youth
Bend, OR | $75,000

HeartReach Center, Inc.
New Construction
To expand service center
Wasilla, AK | $270,000

Idaho Foodbank Warehouse
Facility Construction
To address food security
Boise, ID | $350,000

Idaho Nonprofit Development Center, Inc.
Special Track for Nonprofit Support Organizations
To expand services to rural communities
Boise, ID | $150,000

Intermountain Deaconess Children’s Services
Financial Management Program
To serve children with mental illness
Helena, MT | $153,500

Jefferson Healthcare Foundation
Nuclear Camera
To serve rural patients
Port Townsend, WA | $163,000

Juneau Community Foundation
New Staff
For philanthropic engagement
Juneau, AK | $162,500
Clockwise from top left: Thrive, Pacific Crest Trail Association, Headwaters Economics, Options for Southern Oregon, Leadership Foundations of America, Ncompass
Kairos Northwest
New Facility
For mental health services in Coos County
Grants Pass, OR | $250,000

Kenai Peninsula Food Bank, Inc.
Establish Development Program
To increase food and cash contributions
Soldotna, AK | $200,000

Klamath Falls Gospel Mission
New Facility
To expand services to homeless individuals and families
Klamath Falls, OR | $350,000

La Clinica del Valle Family Health Care Center, Inc.
New Equipment
For Wellness Center patients
Medford, OR | $100,000

Langham Partnership USA, Inc. NFP
New Staff
To serve international leaders
Cave Creek, AZ | $319,000

Leadership Foundations of America
Board Training Program
To serve member organizations
Tacoma, WA | $400,000

Legacy Health Foundation
Unity Center Renovation
For comprehensive mental and behavioral health care
Portland, OR | $1,000,000

Life Way Pregnancy Services, Inc.
dba Echoz Pregnancy Care Center
Facility Purchase
To expand services
Great Falls, MT | $200,000

Long Live the Kings
Expand Development Program
To strengthen salmon and steelhead recovery
Seattle, WA | $275,000

Lutheran Community Services Northwest
New Staff
For technical assistance
SeaTac, WA | $186,000

Madison Memorial Hospital
Surgical Equipment Purchase
To serve rural patients
Rexburg, ID | $250,000

Mental Health for Children, Inc.
dba Child Center
New Facility
For outpatient intensive care
Springfield, OR | $250,000
**Mosaic Medical**  
**New Redmond Clinic**  
*To serve low-income patients*  
*Prineville, OR | $250,000*

**Mount Hood Towne Hall Association, Inc.**  
**Facility Improvements**  
*For rural community programming*  
*Parkdale, OR | $50,000*

**Nature Conservancy of Washington**  
**Northwest Washington Land Acquisition**  
*For Olympic forest lands conservation project*  
*Seattle, WA | $350,000*

**Ncompass**  
**New Executive Director**  
*To expand youth services*  
*Beaverton, OR | $116,000*

**New City Initiative**  
**New Staff**  
*To support people transitioning out of homelessness*  
*Portland, OR | $77,000*

**New Earth Recovery**  
**Facility Purchase and Renovation**  
*To serve men in recovery*  
*Mount Vernon, WA | $100,000*

**Next Door, Inc.**  
**Expand Development Program**  
*To support services for children and families*  
*Hood River, OR | $235,000*

**Northwest Association for Blind Athletes**  
**Expand Development Program**  
*To serve the visually impaired*  
*Vancouver, WA | $171,000*

**Northwest Immigrant Rights Project**  
**New Staff**  
*For access to legal services*  
*Seattle, WA | $227,500*

**Northwest Natural Resource Group**  
**Program Expansion**  
*To support forest stewardship*  
*Seattle, WA | $168,000*

**Olive Crest**  
**Facility Renovations**  
*To expand Pacific Northwest foster and adoption services*  
*Santa Ana, CA | $133,000*

**Oneida County Hospital**  
**New Equipment Purchase**  
*To serve rural patients*  
*Malad City, ID | $52,000*
Options for Southern Oregon
Facility Renovation
To serve rural Illinois Valley clients
Grants Pass, OR | $60,000

Oregon Community Warehouse
New Staff
To expand development department
Portland, OR | $174,000

Oregon Food Bank, Inc.
Client Data System Expansion
To improve services statewide
Portland, OR | $300,000

Oregon Lions Sight and
Hearing Foundation, Inc.
Program Expansion
To increase health screening for adults
Portland, OR | $121,500

Pacific Crest Trail Association
Communications and Marketing Staff
To promote and protect the Trail
Sacramento, CA | $258,000

Peak 7 Adventures
Facility Purchase
To serve underresourced youth
Mead, WA | $150,000

Portland Leadership Foundation
Strengthening Democracy, Civility,
and the Common Good Initiative
To strengthen and equip leaders
Portland, OR | $140,000

Portland Youth for Christ, Inc.
Community House Construction
To serve Gresham youth
Portland, OR | $227,000

Praxis, Inc.
Executive Staff
To encourage entrepreneurship
New York, NY | $300,000

Pullman Regional Hospital Foundation
Surgery Center Expansion
To serve rural patients
Pullman, WA | $250,000

Ruby Valley Hospital
New Radiography System
To serve rural patients
Sheridan, MT | $184,000

Saint Alphonsus Medical Center Nampa, Inc.
New Digital X-Ray Equipment
To serve rural patients
Nampa, ID | $175,000
Shepherd’s House  
Establish Development Program  
To increase services to the poor and homeless  
Bend, OR | $180,000

Skyline Foundation  
Facility Renovation  
For community use and education  
White Salmon, WA | $100,000

St. John’s Lutheran Hospital  
dba Cabinet Peaks Medical Center  
New CT Scanner  
To serve rural patients  
Libby, MT | $193,500

Summer Search Foundation  
Expand Development Staff  
To serve Seattle’s underrepresented students  
Seattle, WA | $167,000

Swiftsure Ranch Therapeutic Equestrian Center, Inc.  
Facility Completion  
For indoor riding arena  
Bellevue, ID | $300,000

The Other Side of Basketball, Inc.  
New Staff  
To increase community outreach  
Beaverton, OR | $86,000

Thrive  
New Staff  
To foster programs for families  
Bozeman, MT | $224,000

Treasure Valley Children’s Relief Nursery  
Facility Construction  
To serve at-risk children and their families  
Ontario, OR | $250,000

Trout Unlimited, Inc.  
New Staff  
For Upper Klamath Basin restoration  
Arlington, VA | $118,000

Unity Care Northwest  
Dental and Behavioral Health Clinic Renovation and Equipment  
For safety net patients  
Bellingham, WA | $250,000

Upward Unlimited  
Pacific Northwest Expansion  
To increase outreach to Seattle youth  
Spartanburg, SC | $210,000

Veritas Forum, Inc.  
New Staff  
To expand social media programming  
Cambridge, MA | $254,000
Clockwise from top left: Crystal Peaks Youth Ranch (photo by Emily Green), Friends of the Children, All God’s Children International, Birch Community Services, Northwest Natural Resource Group (photo by Matt Freeman-Gleason)
Vine Maple Place
New Facility Construction
To serve families facing homelessness
Maple Valley, WA | $450,000

Viola Community Club, Inc.
New Facility Construction
To serve rural Idaho citizens
Viola, ID | $175,000

Volunteers of America, Inc.
dba VOA of Oregon, Inc.
Facility Renovation
For East Portland family relief nursery expansion
Portland, OR | $71,500

Washington Community Alliance
for Self-Help dba Ventures
Expand Development Program
To equip entrepreneurs
Seattle, WA | $117,000

Washington Nonprofits
Special Track for Nonprofit Support Organizations
To serve nonprofit board and staff members
Olympia, WA | $150,000

Washington State Smile Partners
New Staff
To expand preschool oral health care
Bainbridge Island, WA | $110,000

West Sound Youth for Christ, Inc.
New City Life Center
To serve Kitsap County youth
Silverdale, WA | $200,000

Wheatland Memorial Healthcare
New Pharmacy Equipment
To serve rural patients
Harlowton, MT | $74,000

Wilderness Trails, Inc.
New Facility
To improve camper experience
Medford, OR | $75,000

Wycliffe Bible Translators, Inc.
New Administrative System
To increase organizational capacity
Orlando, FL | $375,000

Young Life of Canada
Program Expansion
For youth outreach in British Columbia
Blaine, WA | $139,500

Young Men’s Christian Association of Douglas County
New Facility
To increase member and community services
Roseburg, OR | $300,000
Young Men’s Christian Association of Pierce and Kitsap Counties
Cabin Construction
To expand Camp Seymour’s facilities
Tacoma, WA | $195,000

Young Men’s Christian Association of Snohomish County
New Stanwood Facility
To serve youth and families
Everett, WA | $300,000

Young Women Empowered
Establish Development Department
To increase mentoring
Seattle, WA | $160,000

Youth Villages, Inc.
New Staff
To expand services to young adults in Oregon
Bartlett, TN | $207,000
Clockwise from top left: Ecotrust, Mosaic Medical, Generation Alive, Idaho Nonprofit Development Center
Nearly $170 million has been awarded through nearly 1,500 grants to further scientific research in Alaska, Idaho, Oregon, Montana, and Washington over the last 41 years.

**GENERAL**

**Benaroya Research Institute at Virginia Mason**
New Flow Cytometer
To support immunology research
Seattle, WA | $308,000

**Bloodworks**
New Imaging Cytometer
To support biomedical research
Seattle, WA | $243,500

**Fred Hutchinson Cancer Research Center**
Antibody Discovery Workstation
To support cancer and antiviral vaccine research
Seattle, WA | $475,000

**Montana State University Bozeman**
Imaging Cytometer and Phenotyping Equipment
To support immunology and microbiology research
Bozeman, MT | $222,000

**Oregon Health and Science University Foundation**
Murdock Undergraduate Collaborative Research Program
For undergraduate training in biomedical research
Portland, OR | $232,900

**Portland State University**
Inductively Coupled Plasma-Mass Spectrometer
To support scientific research
Portland, OR | $83,000

**University of Alaska Fairbanks**
High Performance Computing System
For climate and space research
Fairbanks, AK | $422,600

**University of Montana Foundation**
Time-Resolved Confocal Microscope
To support scientific research
Missoula, MT | $213,800
<table>
<thead>
<tr>
<th>Institution</th>
<th>Equipment/Program</th>
<th>Purpose</th>
<th>Location</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Montana Foundation</td>
<td>Growth Chambers</td>
<td>For ecology research</td>
<td>Missoula, MT</td>
<td>$232,000</td>
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<td>University of Oregon Foundation</td>
<td>Materials Prototyping Equipment</td>
<td>To support materials science research</td>
<td>Eugene, OR</td>
<td>$476,000</td>
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<td>University of Puget Sound</td>
<td>Collaborative Research Alliance</td>
<td>To support physical science research and discovery</td>
<td>Tacoma, WA</td>
<td>$240,000</td>
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<tr>
<td>University of Washington</td>
<td>Inductively Coupled Plasma-Mass Spectrometer</td>
<td>To support scientific research</td>
<td>Seattle, WA</td>
<td>$437,000</td>
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<td>Washington State University Foundation</td>
<td>New Equipment</td>
<td>To support water-related research at the Vancouver campus</td>
<td>Pullman, WA</td>
<td>$171,500</td>
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<td>Washington State University Foundation</td>
<td>Line-VISAR System</td>
<td>To support physics research</td>
<td>Pullman, WA</td>
<td>$374,000</td>
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<tr>
<td>Washington State University Foundation</td>
<td>Automated Phenotyping System</td>
<td>For plant phenomics and genomics research</td>
<td>Pullman, WA</td>
<td>$480,000</td>
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<tr>
<td>Whitworth University</td>
<td>Collaborative Research Alliance</td>
<td>To support life science research and discovery</td>
<td>Spokane, WA</td>
<td>$240,000</td>
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<tr>
<td>MURDOCK COLLEGE SCIENCE RESEARCH PROGRAM</td>
<td>Science Research Initiation</td>
<td>To support faculty and students</td>
<td>Langley, BC</td>
<td>$150,000</td>
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</tbody>
</table>
Clockwise from top left: University of Alaska Fairbanks, Whitworth University, University of Montana Foundation, Benaroya Research Institute at Virginia Mason, Bloodworks
In 2016, 510 people representing 278 organizations participated in Leadership Development, more than 100 people from 28 organizations participated in a Capacity Building program, and nearly 800 people attended a Science Education conference.

**COMMERCIALIZATION INITIATION**

**Oregon State University**  
Visible Light Photoreactor for Blood Treatment  
For commercialization initiation  
Corvallis, OR | $60,000

**University of Idaho**  
Commercialization of Novel Biopesticides: Filling Engineering Gaps Required for Scale-Up  
For commercialization initiation  
Moscow, ID | $59,525

**University of Washington**  
Enabling a Renewable Energy Grid: Cost Reduction and Performance Gains for Flow Battery Technology  
For commercialization initiation  
Seattle, WA | $60,000

**Washington State University Foundation**  
Developing a Multidimensional Pain Detection Device for Infants: Human Demonstration Phase  
For commercialization initiation  
Pullman, WA | $59,505

**RESEARCH START-UP GRANTS FOR NEW SCIENCE FACULTY**

**Carroll College**  
Start-Up Research Package  
For New Position in Chemistry  
Helena, MT | $30,000

**Lewis and Clark College**  
Start-Up Research Package  
For New Position in Biology  
Portland, OR | $30,000
Pacific University
Start-Up Research Package
For New Position in Physics
Forest Grove, OR | $30,000

Reed Institute dba Reed College
Start-Up Research Package
For New Position in Biology
Portland, OR | $30,000

Seattle Pacific University
Start-Up Research Package
For New Position in Biology
Seattle, WA | $30,000

University of Portland
Start-Up Research Package
For New Position in Biology
Portland, OR | $30,000

University of Portland
Start-Up Research Package
For New Position in Biology
Portland, OR | $30,000

Willamette University
Start-Up Research Package
For New Position in Chemistry
Salem, OR | $30,000

Willamette University
Start-Up Research Package
For New Position in Biology
Salem, OR | $30,000

MURDOCK COLLEGE RESEARCH PROGRAM FOR LIFE SCIENCES
Seattle University
Structural and Biochemical Constraints of Two Functionally Distinct Protein Families that Share a Common Protein Fold
For Murdock College Research Program for Life Sciences
Seattle, WA | $36,468

University of Portland
Effects of Nutrient Loading on Foodweb Structure in Pacific Northwest Estuarine Tidal Wetlands
For Murdock College Research Program for Life Sciences
Portland, OR | $43,336

Walla Walla University
Using Naturally Elevated CO2 Environments to Observation Adaption to Ocean Acidification in Octopuses
For Murdock College Research Program for Life Sciences
College Place, WA | $40,856

Whitman College Board of Trustees
Testing for Predictability in Evolution: The Genetic and Molecular Bases of a Repeatedly Evolved Color Patterning Trait in “Mimulus”
For Murdock College Research Program for Life Sciences
Walla Walla, WA | $40,000
**Willamette University**  
Role of Slingshot Phosphatase in Regulating Intercellular Ring Canal Growth  
For Murdock College Research Program for Life Sciences  
Salem, OR | $36,600

**Willamette University**  
Defining the Mechanism of Nutrient Acquisition and Use in Physiologically Adaptive Traits in Caulobacter: Protection, Growth, and Survival  
For Murdock College Research Program for Life Sciences  
Salem, OR | $43,000

**Corban University**  
Investigating the Mechanisms Linking Obesity via High Sucrose Consumption to Cataract Development in Order to Improve Eye Health in Western and Developing Nations  
For Murdock College Research Program for Natural Sciences - Life Sciences  
Salem, OR | $59,680

**Northwest University**  
Dynamic Impact of Sensory and Motor Processing on Behavior  
For Murdock College Research Program for Natural Sciences - Life Sciences  
Kirkland, WA | $59,610

**Reed Institute dba Reed College**  
Developing Computational Methods to Identify Candidate Driver Genes Involved in Signaling Pathway Dysregulation in Colorectal Cancer  
For Murdock College Research Program for Natural Sciences - Life Sciences  
Portland, OR | $41,500

**Saint Martin’s University**  
Characterization of the Gene Expression Response to Cold Stress in Winter and Spring Wheat ("Triticum monococcum")  
For Murdock College Research Program for Natural Sciences - Life Sciences  
Lacey, WA | $33,680
Saint Martin’s University
Measuring the Natural Selection on Floral Traits in Invasive Scotch broom (“Cytisus scoparius L”)
For Murdock College Research Program for Natural Sciences - Life Sciences
Lacey, WA | $42,920

Seattle Pacific University
Analysis of Germ Cell Specification in the Tardigrade “Hypsibius dujardini”
For Murdock College Research Program for Natural Sciences - Life Sciences
Seattle, WA | $39,720

Seattle University
Evolutionary Genetics and Ecological Adaptation to Climate Change in Species of the Green Algae Micrasterias
For Murdock College Research Program for Natural Sciences - Life Sciences
Seattle, WA | $59,991

University of Portland
A Multi Trophic Level Approach to Evaluating Restoration Effects at Tualatin River National Wildlife Refuge
For Murdock College Research Program for Natural Sciences - Life Sciences
Portland, OR | $56,250

University of Puget Sound
Influence of Microhabitat Heterogeneity on Epiphyte Diversity in Temperate Rainforests
For Murdock College Research Program for Natural Sciences - Life Sciences
Tacoma, WA | $34,962

Walla Walla University
Formulation and Evaluation of Melanin Matrices for Neural Tissue Engineering Applications Using Electrospinning and 3D Printing
For Murdock College Research Program for Natural Sciences - Life Sciences
College Place, WA | $59,730

MURDOCK COLLEGE RESEARCH PROGRAM FOR NATURAL SCIENCES – PHYSICAL SCIENCES
Carroll College
Visible Light Initiated Oxidative Dimerization at Semiconductor Interfaces for the Efficient Storage of Solar Energy in Carbon-Carbon Chemical Bonds
For Murdock College Research Program for Natural Sciences – Physical Sciences
Helena, MT | $46,693
George Fox University
Facile Synthesis of Thermo-Responsive Biodegradable Micelles for Drug Delivery Applications
For Murdock College Research Program for Natural Sciences – Physical Sciences
Newberg, OR | $38,930

Gonzaga University, Corporation of Development of Zinc (II)-Responsive Magnetic Resonance Imaging (MRI) Agents for Early and Accurate Detection of Prostate Cancer
For Murdock College Research Program for Natural Sciences – Physical Sciences
Spokane, WA | $52,752

Lewis and Clark College
Improved Observations of Cloud Typology from Cloud Motion Vectors
For Murdock College Research Program for Natural Sciences – Physical Sciences
Portland, OR | $59,625

Linfield College
Regulation of Mitochondrial DNA Transcription by Mitochondrial Localized Transcription Factors
For Murdock College Research Program for Natural Sciences – Physical Sciences
McMinnville, OR | $58,500

Pacific Lutheran University
Development and Application of an In Vivo High-Throughput Screen for the Selection of Evolved Triterpene Synthases
For Murdock College Research Program for Natural Sciences – Physical Sciences
Tacoma, WA | $44,200

Reed Institute dba Reed College
Investigating Pathogenic Bacterial Metal Detox via X-Ray Absorption and Fluorescence Spectroscopy
For Murdock College Research Program for Natural Sciences – Physical Sciences
Portland, OR | $53,500

Seattle Pacific University
Vibrational Spectroscopy as a Probe of Hydrogen Bonding Interactions in the Condensed Phase
For Murdock College Research Program for Natural Sciences – Physical Sciences
Seattle, WA | $45,000

Seattle University
How do Heme-Containing Enzymes Adapt to Cold Temperatures? Comparative Study of Thermodynamic Parameters of Folding for Heme Peroxidases from a Cold-Adapted and a Temperate Ocean Diatom
For Murdock College Research Program for Natural Sciences – Physical Sciences
Seattle, WA | $59,851
Clockwise from top left: University of Alaska Fairbanks, Pacific Lutheran University, Linfield College, Saint Martin's University, University of Washington, Kennewick School District.
Seattle University  
**Expanding Structure Activity Relationships for the preQ1 Riboswitch: Functional Group Requirements and Metal Dependence in Pathogenic Aptamer Domains**  
For Murdock College Research Program  
for Natural Sciences – Physical Sciences  
Seattle, WA | $60,000

University of Portland  
**Protecting Quantum States from Decoherence Using Weak Measurements**  
For Murdock College Research Program  
for Natural Sciences – Physical Sciences  
Portland, OR | $42,120

University of Portland  
**Phosphoryl-Appended Quinonoid Compounds as Molecular Catalysts for Electrochemical Evolution of Hydrogen**  
For Murdock College Research Program  
for Natural Sciences – Physical Sciences  
Portland, OR | $49,763

Whitman College Board of Trustees  
**A Record of Quaternary Paleoclimate from the Palouse Loess, Southeastern Washington**  
For Murdock College Research Program  
for Natural Sciences – Physical Sciences  
Walla Walla, WA | $53,500

PARTNERS IN SCIENCE  
Boise State University  
**Investigating Prostate Tumor Cell Migration**  
For Partners in Science Program  
Boise, ID | $15,000

Idaho State University  
**Using Bioenergetic Calculations to Determine Habitat Quality for Stream Fishes**  
For Partners in Science Program  
Pocatello, ID | $15,000

Kennewick School District  
**Explore Boundary for High Alkali Glasses for Low Activity Waste Glasses for Vitrification**  
For Partners in Science Program  
Kennewick, WA | $15,000

Oregon Health and Science University  
**The Role of Social Learning in Positive Reinforcement Training of Monkeys**  
For Partners in Science Program  
Portland, OR | $15,000

Oregon Health and Science University  
**Ovarian Cryopreservation and Transplantation for Fertility Preservation in Female Cancer Survivors**  
For Partners in Science Program  
Portland, OR | $15,000
Oregon Health and Science University
Determining the Fate of the Anti-Diabetic Drug, Metformin, in Aquatic Systems
*For Partners in Science Program*
Portland, OR | $15,000

Oregon State University
Natural Products Chemistry and Ecology of Fungi Important to Human Health and Agriculture
*For Partners in Science Program*
Corvallis, OR | $15,000

Pasco School District #1
Liquid Time-of-Flight Secondary Ion Mass Spectrometry
*For Partners in Science Program*
Pasco, WA | $15,000

Pasco School Districts #1
Effects of Extreme Conditions on Aluminum Oxyhydroxide Material Behavior
*For Partners in Science Program*
Pasco, WA | $15,000

Pasco School District #1
Evaluations of Sagebrush-Steppe Environments to Measure Effects of Pesticide Applications on Human Health and the Ecosystem
*For Partners in Science Program*
Pasco, WA | $15,000

Pasco School District #1
Unraveling Plant-Microbe Interactions in a Fluctuating Nutrient Environment
*For Partners in Science Program*
Pasco, WA | $15,000

Portland State University
A Field-Deployable Instrument for Measuring RH-Dependent Aerosol Extinction
*For Partners in Science Program*
Portland, OR | $15,000

Portland State University
Climate Change Impacts, Adaptive Capacity, and Vulnerability of Salt Marsh Soils
*For Partners in Science Program*
Portland, OR | $15,000

Richland School District
Effects of Hydropower on Fishes
*For Partners in Science Program*
Richland, WA | $15,000

Richland School District
Designing Next Generation Battery from Molecules to Stack Cells
*For Partners in Science Program*
Richland, WA | $15,000

South Slough National Estuarine Research Reserve
A Survey of European Green Crabs in the Coos Estuary
*For Partners in Science Program*
Charleston, OR | $15,000
University of Alaska Fairbanks
Monitoring Climate Change: Mercury in Lichens
For Partners in Science Program
Fairbanks, AK | $15,000

University of Montana
Oxidation Catalysts Based on Earth-Abundant Transition Metals and Redox-Active Ligands
For Partners in Science Program
Missoula, MT | $15,000

University of Montana
Explorations of Molecules that Block the Metastatic Spread of Cancer
For Partners in Science Program
Missoula, MT | $15,000

University of Montana
In Situ Measurements of Turbulence and Relative Estimation Error
For Partners in Science Program
Missoula, MT | $15,000

University of Oregon
Characterizing and Testing of Photovoltaic Modules
For Partners in Science Program
Eugene, OR | $15,000

University of Oregon
Electron Interferometry Using Nanofabricated Gratings
For Partners in Science Program
Eugene, OR | $15,000

University of Puget Sound
Investigating the Removal of Emerging Contaminants from a Surface Water Biofiltration System
For Partners in Science Program
Tacoma, WA | $15,000

University of Washington
Restoration of Light Response to Blind Retinas with Small Molecules
For Partners in Science Program
Seattle, WA | $15,000

University of Washington
Carbohydrate Modification of Anti-Inflammatory Human Antibody Drugs
For Partners in Science Program
Seattle, WA | $15,000

Washington State University Foundation
New Renewable Materials from Cellulose Nanocrystallites
For Partners in Science Program
Pullman, WA | $15,000
Washington State University Foundation
Elucidate Genetic Diversity of Viruses in Washington Vineyards
For Partners in Science Program
Pullman, WA | $15,000

Washington State University Foundation
Characterizing the Chemical Composition of Washington State Wines
For Partners in Science Program
Pullman, WA | $15,000

Washington State University Foundation
Effects of Thyroid Hormone on Skull Development and Jaw Biomechanics
For Partners in Science Program
Pullman, WA | $15,000

Western Washington University
Resilience and Restoration of Coastal Eelgrass Habitats in Washington State
For Partners in Science Program
Bellingham, WA | $15,000

PARTNERS IN SCIENCE SUPPLEMENTAL
Billings Senior High School
Spatial Distribution and Monitoring of Radon Gas and its Relationship to Geologic Features and Weather Patterns
For Partners in Science Supplemental Program
Billings, MT | $7,000

Borah High School
Monitoring Western Screech Owl Behaviors in Boise, Idaho
For Partners in Science Supplemental Program
Boise, ID | $7,000

Capital High School
Using a Polymerase Chain Reaction Informatics Kit and Gel Electrophoresis to Isolate an Alu Repeat
For Partners in Science Supplemental Program
Boise, ID | $7,000

Capital High School
Inquiry Investigations in Alternative Energy: Nuclear, Solar, and Wind
For Partners in Science Supplemental Program
Olympia, WA | $7,000

Glenns Ferry High School
Isolation and Identification of Unknown Soil Bacterium and the Effect of pH on Bacterial Growth
For Partners in Science Supplemental Program
Glenns Ferry, ID | $7,000

Highline High School
Identification of Targets for Vaccines
For Partners in Science Supplemental Program
Burien, WA | $7,000
Lumen Christi High School  
Effects of Phytochemicals on Yeast Survival Rate Following UV Exposure  
For Partners in Science Supplemental Program  
Anchorage, AK | $7,000

McMinnville High School  
Assessing the Impact of Human Activity on Topsoil  
For Partners in Science Supplemental Program  
McMinnville, OR | $7,000

Mountain View High School  
Zebrafish in the Environmental Science and Biology Classrooms  
For Partners in Science Supplemental Program  
Vancouver, WA | $7,000

Prosser High School  
Effect of the Environment on Genetic Expression and Behavior in C. elegans  
For Partners in Science Supplemental Program  
Prosser, WA | $7,000

Southridge High School  
Implementing Design Technology Curriculum to Provide Meaningful Engineering Curriculum  
For Partners in Science Supplemental Program  
Beaverton, OR | $7,000

Valley Catholic Middle High School  
Investigating Pharmaceuticals in Local Water Supply  
For Partners in Science Supplemental Program  
Beaverton, OR | $7,000

VISION & CALL
Fuller Theological Seminary  
Vision and Call Internship Program (Phase 6 – Grant Cycle 1)  
Vision and Call Internship Program  
Pasadena, CA | $77,000

Montana Servant Leadership, Inc.  
Vision and Call Internship Program (Phase 6 – Grant Cycle 2)  
Vision and Call Internship Program  
Missoula, MT | $45,000

Relevate Group, Inc.  
Vision and Call Internship Program (Phase 6 – Grant Cycle 1)  
Vision and Call Internship Program  
Franklin, TN | $32,000
Clockwise from top left: Lewis & Clark College, Oregon State University, University of Idaho, Seattle University, University of Washington, Pasco School District #1
FOR SCIENTIFIC RESEARCHERS, CHARITABLE DONATIONS ARE ENORMOUS ENGINES OF NEW OPPORTUNITIES, OF STARTING IN DIRECTIONS THAT WOULDN’T HAVE BEEN POSSIBLE TO FUND BY CONVENTIONAL SOURCES.

– LEROY HOOD, INSTITUTE FOR SYSTEMS BIOLOGY
People at the Trust
In 2016, Lyn Swanson retired as Trustee to become Trustee Emeritus, the first in Murdock Trust history. Jeff Pinneo was selected as his successor to become the eighth Trustee since the Trust’s founding in 1975.
Executive Staff

STEVEN G.W. MOORE
Executive Director

DANA MILLER
Senior Program Director for Grant Programs

TERRY STOKESBARY
Senior Program Director for Enrichment Initiatives

JIM MARTIN
Chief Investment Officer

JULIE CIELOHA-WHITNEY
Chief Financial Officer

Program Directors

DAVID AUSTIN

LORIN DUNLOP

JAN KENNEDY FERGUSON

PAULINE FONG

JOHN FRANKLIN

KIT GILLEM

ROMANITA HAIRSTON-OVERSTREET

MOSES LEE

JILL TATUM
Grants & Technology Staff

CAMILLE COTTON
Grants & Communications Associate

MARYBETH STEWART GOON
Senior Program Assistant

MARY HILL
Program Assistant

JENNIFER LARSON-CODY
Technology & Information Systems Manager

JASON LEE
Receptionist & Administrative Assistant

STEFANIE NARHI
Executive Assistant

CONNER PECKHAM
Communications & Technology Program Assistant

Investment & Finance Staff

MARNEE ALFSON
Finance & Administrative Services Coordinator

KAREN DERENNE
Senior Accountant

MARK PYATT
Investment Officer

TAMMY BJORKMAN
Investment Team Assistant
Adjunct Staff

CAMERON ANDERSON
Visiting Scholar

JAY BARBER
Senior Fellow

GENE COCHRANE
Visiting Scholar

STEVEN GARBER
Senior Fellow

LAWRENCE HO
Senior Fellow

VERNE SEDLACEK
Senior Fellow

NORM SMITH
Senior Fellow

KENT THORNBURG
Senior Fellow

DEBORAH J. WILDS
Senior Fellow

Senior fellows and visiting scholars contribute to the work of the Trust by advising on programs, serving on panels, and providing connections to key resources to enrich the Trust’s mission and the constituencies it serves.
COMMUNITY IS A CONSEQUENCE. IT RESULTS WHEN PEOPLE COME TOGETHER TO ACCOMPLISH THINGS THAT ARE IMPORTANT TO THEM AND SUCCEED.

– RICHARD CORNUELLE
From the Chief Investment Officer

Each year as I sit down to write this letter, I’m reminded of the immense gratitude I have to be part of an organization that strives to honor Jack Murdock and his legacy every day. It is my privilege to work alongside our Trustees and fellow staff as we carry out the work Jack envisioned more than 40 years ago. It is through the Trustees’ thoughtful and long-term view that we are able to adopt an investment strategy that allows for the continued support of the dedicated nonprofit organizations we partner with in the Pacific Northwest.

It is also through our relationships with excellent and innovative investment managers that we are able to continue to grow the Trust’s assets, in turn allowing us to expand our grant-making capacity. These relationships, built on integrity and a long-term outlook, are the core component of our successful investment strategy. We are incredibly proud of our close partnerships with these investment managers, with some of these partnerships spanning more than 30 years. We are grateful for their hard work and commitment to the Murdock Trust’s mission.

It has been an honor to serve the Murdock Trust for the past 30 years and a pleasure to join in the collaborative effort of all the staff, along with the guidance of our Trustees, to pursue excellence in all of our investment and grant-making activities.

James R. Martin
Chief Investment Officer
Total Assets, Grants Approved, & Grants Paid

[Bar chart showing the growth of Total Assets, Grants Approved, and Grants Paid from 1975 to 2016.]
Assets/Cumulative Grants Approved

Millions

Assets
Cumulative Grants Approved

Cumulative Grant Payments & Growth in Assets Since Inception

Millions

Cumulative Grant Payments

Net Assets

Net Assets Plus Cumulative Grant Payments

Years: 1975 - 2016
RISK BUCKET 1

LOW RISK
- Cash & Alternative Cash
- Fixed Income Relative Value
- Hedge Funds
- Long U.S. Treasuries

RISK BUCKET 2

MEDIUM RISK
- Diversified Style Disciplines
- Public Equities
- Long/Short Equity
- Specialized Equity Portfolios
- Private Debt & Mezzanine
- Real Estate & Infrastructure
- Minority Interest

RISK BUCKET 3

HIGH RISK
- Private Equity
- Distressed Securities
- Venture Capital
- Special Situations
Years in parentheses indicate relationship inception