

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.

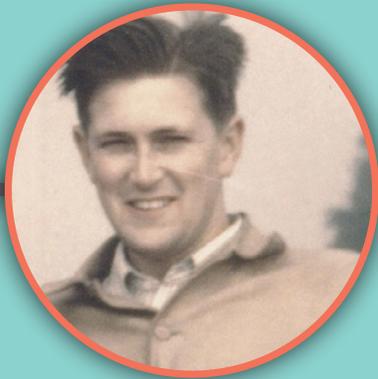
A handwritten signature in black ink that reads "Steve Moore". The signature is fluid and cursive, with a long horizontal stroke at the end.

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.

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.



1917



1936



1946

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.

MEET JACK

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.



1960s



2016



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.

MURDOCK

TRUE PHILANTHROPY
REQUIRES A
DISRUPTIVE MINDSET,
INNOVATIVE THINKING,
AND A PHILOSOPHY
DRIVEN BY
ENTREPRENEURIAL
INSIGHTS AND
CREATIVE OPPORTUNITIES.

– NAVEEN 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.



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.

Nurturing Creativity And Inspiration

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.



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.

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.



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.

Rural

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.

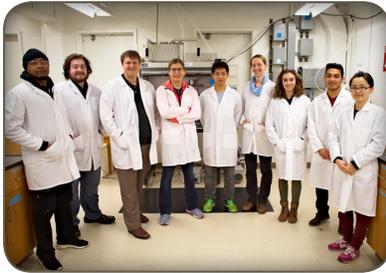
Blackfoot Challenge | Blackfoot Challenge manages the conservation of the Blackfoot River, its tributaries, and the adjacent lands located in 1.5 million acres in rural Ovando, Montana. Its land stewardship program needed a full-time steward to promote sustainable resource management and habitat conservation, 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.

Scientific Research And Innovation

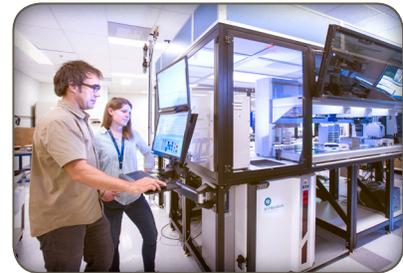
Our founder, Jack Murdock, was an entrepreneur and visionary, seeking unique solutions to problems through science, research, and innovation. We at the Trust hold the same values, and we are proud to carry on Jack's legacy by funding breakthrough scientific research, STEM programs to inspire the next 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 homeschools, 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

A LOOK BA



JANUARY 15-16 • AUGUST 12

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.

FEBRUARY 17-18 • MAY 3-4

Board Leadership

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



MAY 16-17 • DECEMBER 5

Essentials of Development

A cohort of 16 small nonprofit leaders learned techniques and strategies for building sustainable development strategies.

JAN

FEB

MAR

APR

MAY

JUNE

APRIL 16-17 • OCTOBER 11-12

Women in Leadership

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



JUNE 23-25

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.



CK 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.

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.



JULY

AUG

SEPT

OCT

NOV

DEC

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 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.

**All-Star Orchestra Summit
Program Expansion**

For web-based music education

Seattle, WA | \$250,000

**Archie Bray Foundation
Facility Construction and Renovation**

*To support artists in residence, in honor
of Christopher (Kit) Gillem*

Helena, MT | \$350,000

**Bag and Baggage Productions
Theater Renovation**

To enhance patron experience

Hillsboro, OR | \$250,000

**Capella Romana
Full-Time Executive Director**

For choral arts organization

Portland, OR | \$190,000

**Circus Project
New Staff**

To support performing arts

Portland, OR | \$133,000

**Early Music Guild of Seattle
Establish Development Program**

To expand programming

Seattle, WA | \$120,000

**Friends of Chamber Music
New Staff**

For marketing and community engagement

Portland, OR | \$135,000

**Friends of Lakewold
Facility Improvements**

For visitor accessibility and usability

Lakewood, WA | \$144,000 

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

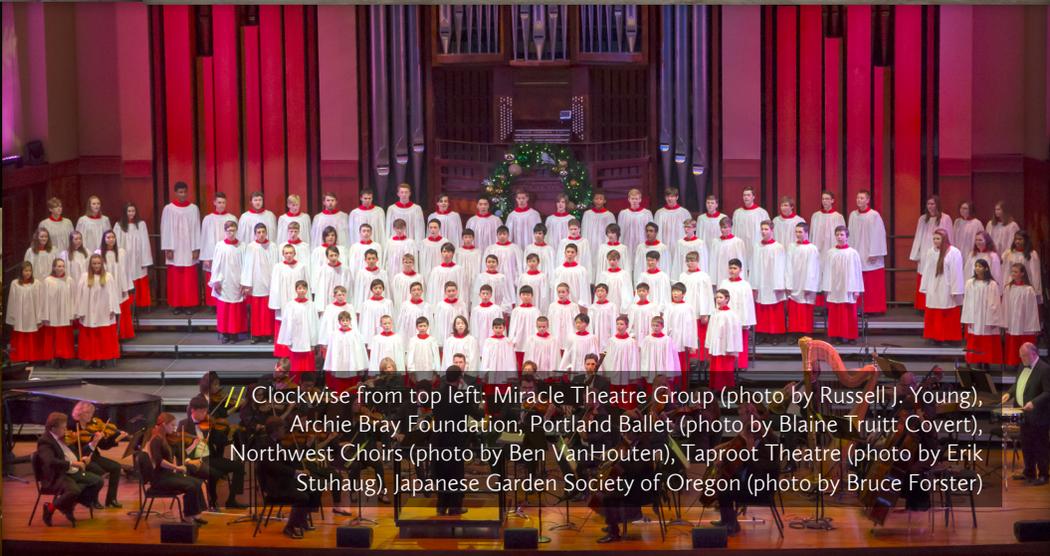
For audience engagement

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 Stuhauug), Japanese Garden Society of Oregon (photo by Bruce Forster)



Education

37 GRANTS • \$9,362,500

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: Wellspring Foundation for Education, Imagine Children's Museum, Idaho State Historical Society, Steamer Virginia V Foundation, Historic Carousel & Museum, Trigg-C.M. Russell



// 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

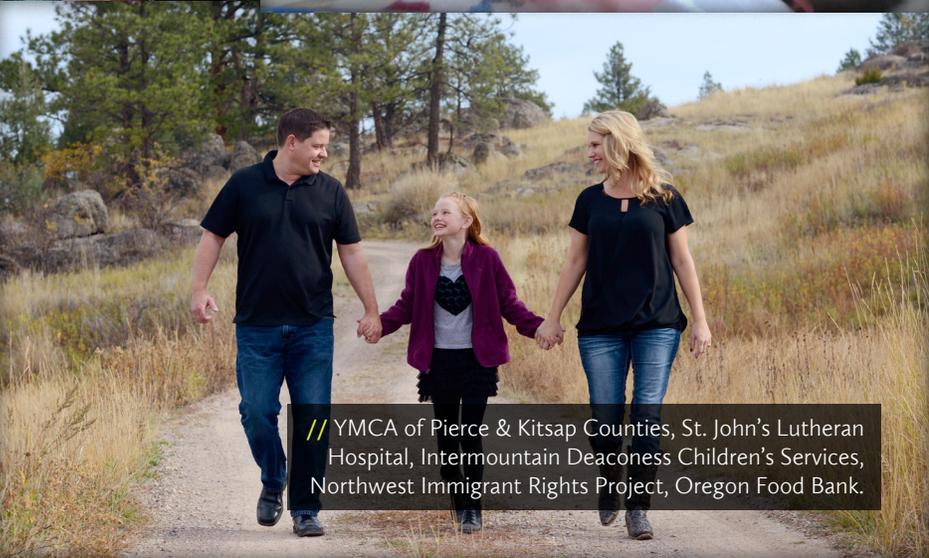
Compassion International

Establish Northwest Regional Office

To increase child sponsorships

Colorado Springs, CO | \$255,000





// 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 



// Clockwise from top left: Heart of Oregon Corps, Next Door, Inc., The Other Side of Basketball, Dare 2 Share, Cook Inlet Tribal Council (photo by Wayde Carroll Photography)

**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

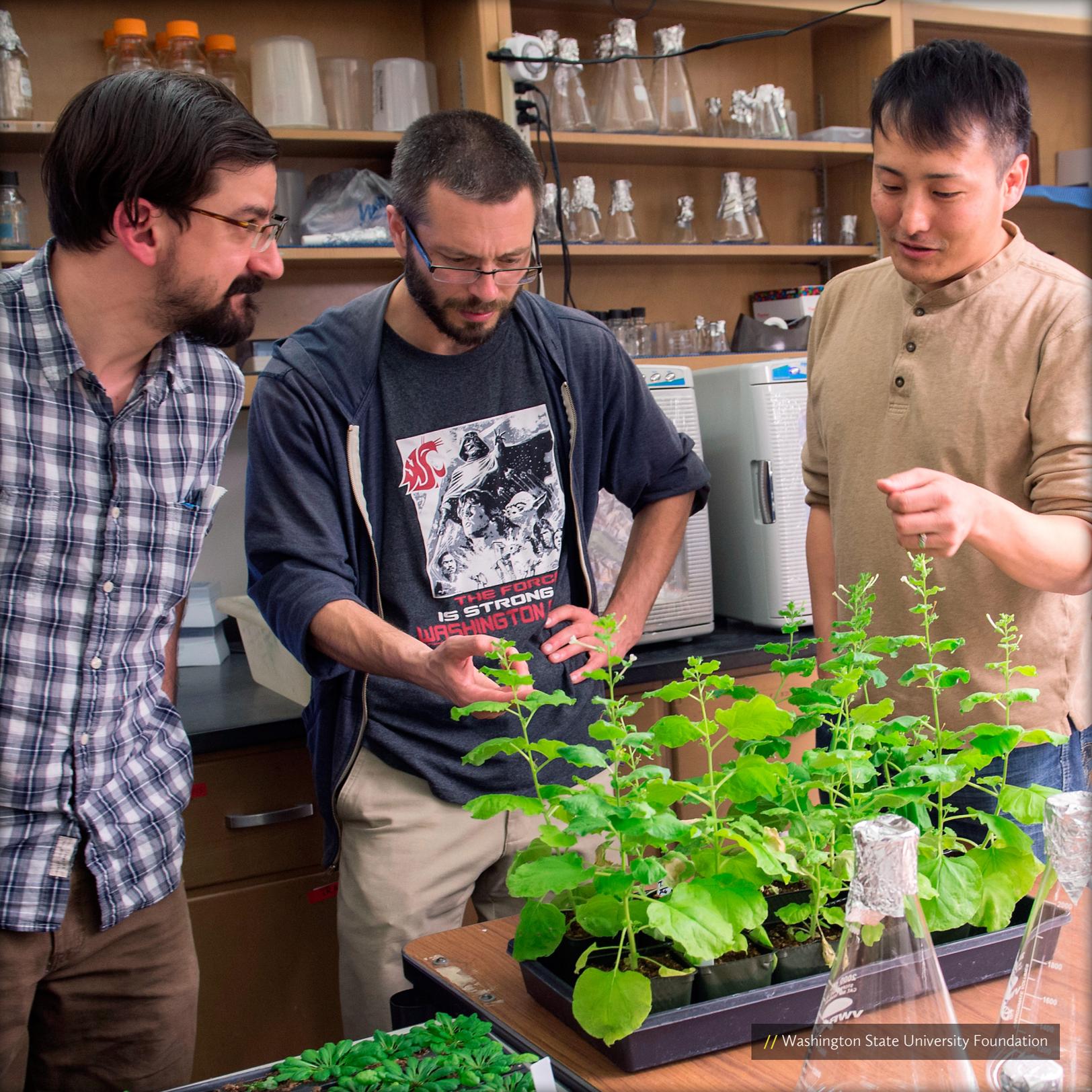
Bartlett, TN | \$207,000



// Clockwise from top left: La Clinica del Valle, Girl Scouts of Silver Sage Council, Summer Search Foundation, Columbia Land Trust (photo by Brian Chambers Photography), Langham Partnership USA



// Clockwise from top left: Ecotrust, Mosaic Medical, Generation Alive, Idaho Nonprofit Development Center



SCIENTIFIC RESEARCH

16 GRANTS • \$4,851,300

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 

**University of Montana Foundation
Growth Chambers**

For ecology research

Missoula, MT | \$232,000

**University of Oregon Foundation
Materials Prototyping Equipment**

To support materials science research

Eugene, OR | \$476,000

**University of Puget Sound
Collaborative Research Alliance**

To support physical science research and discovery

Tacoma, WA | \$240,000

**University of Washington
Inductively Coupled Plasma-Mass
Spectrometer**

To support scientific research

Seattle, WA | \$437,000

**Washington State University Foundation
New Equipment**

*To support water-related research
at the Vancouver campus*

Pullman, WA | \$171,500

**Washington State University Foundation
Line-VISAR System**

To support physics research

Pullman, WA | \$374,000

**Washington State University Foundation
Automated Phenotyping System**

For plant phenomics and genomics research

Pullman, WA | \$480,000

**Whitworth University
Collaborative Research Alliance**

To support life science research and discovery

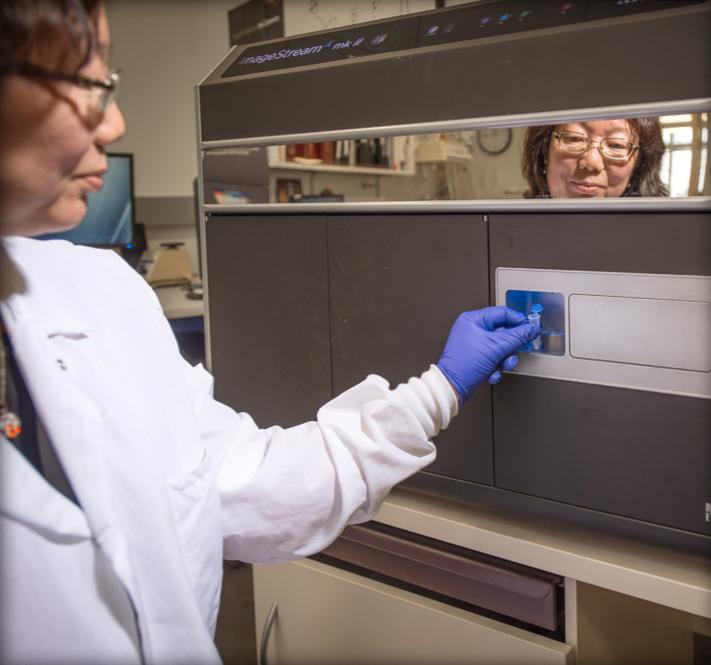
Spokane, WA | \$240,000

**MURDOCK COLLEGE SCIENCE
RESEARCH PROGRAM**

**Trinity Western University
Science Research Initiation**

To support faculty and students

Langley, BC | \$150,000



// Clockwise from top left: University of Alaska Fairbanks, Whitworth University, University of Montana Foundation, Benaroya Research Institute at Virginia Mason, Bloodworks



Enrichment

86 GRANTS • \$2,752,007

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

MURDOCK COLLEGE RESEARCH PROGRAM FOR NATURAL SCIENCES – LIFE SCIENCES

Alaska Pacific University

Oxygen Isotope Analysis of Pacific Razor Clam Shells to Understand Differences in Growth Rates

For Murdock College Research Program for Natural Sciences - Life Sciences

Anchorage, AK | \$58,240

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

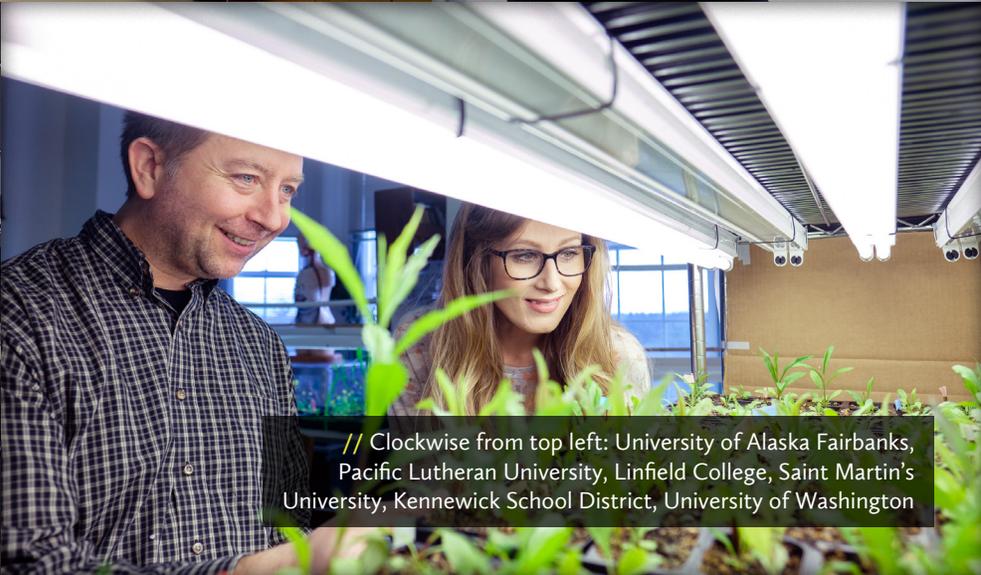
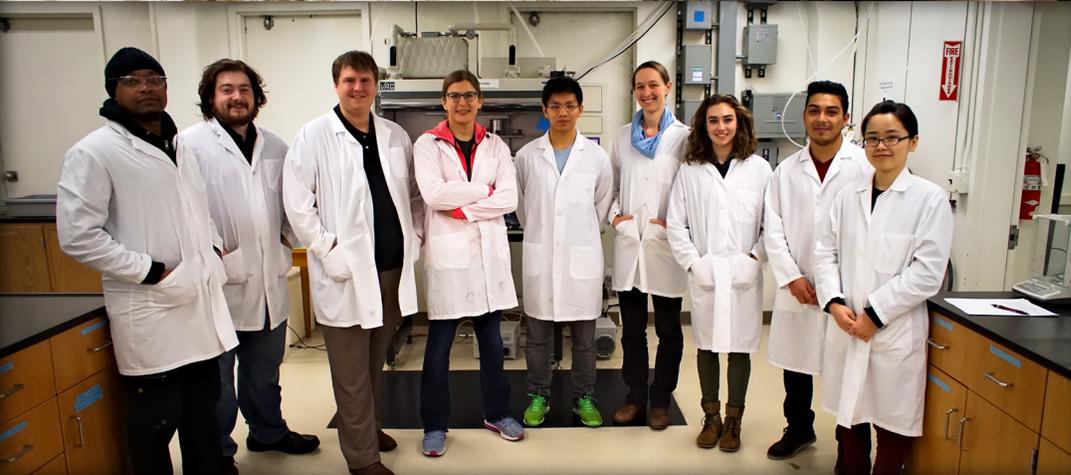
*For Murdock College Research Program
for Natural Sciences – Physical Sciences*

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, Kennewick School District, University of Washington

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)**

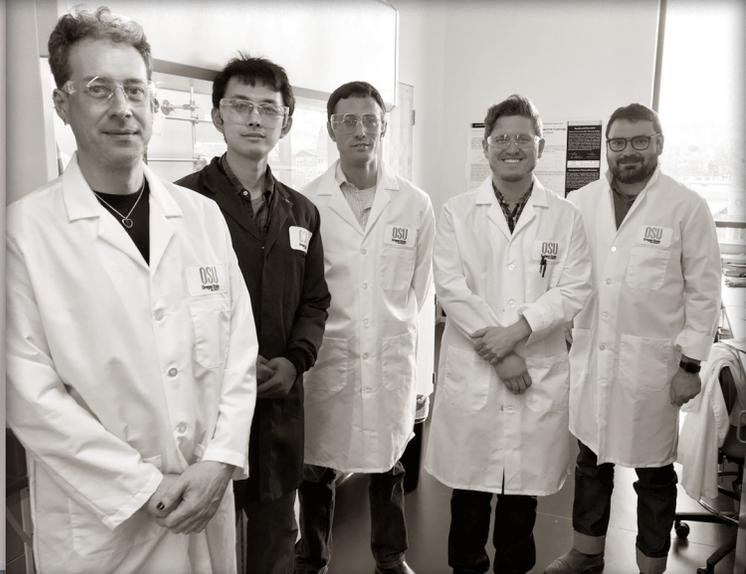
Vision and Call Internship Program

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



Trustees



JOHN W. CASTLES



JEFFREY T. GRUBB



JEFFREY D. PINNEO



LYNWOOD W. SWANSON
Trustee Emeritus

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



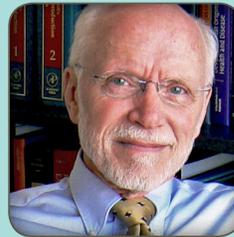
LAWRENCE HO
Senior Fellow



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.

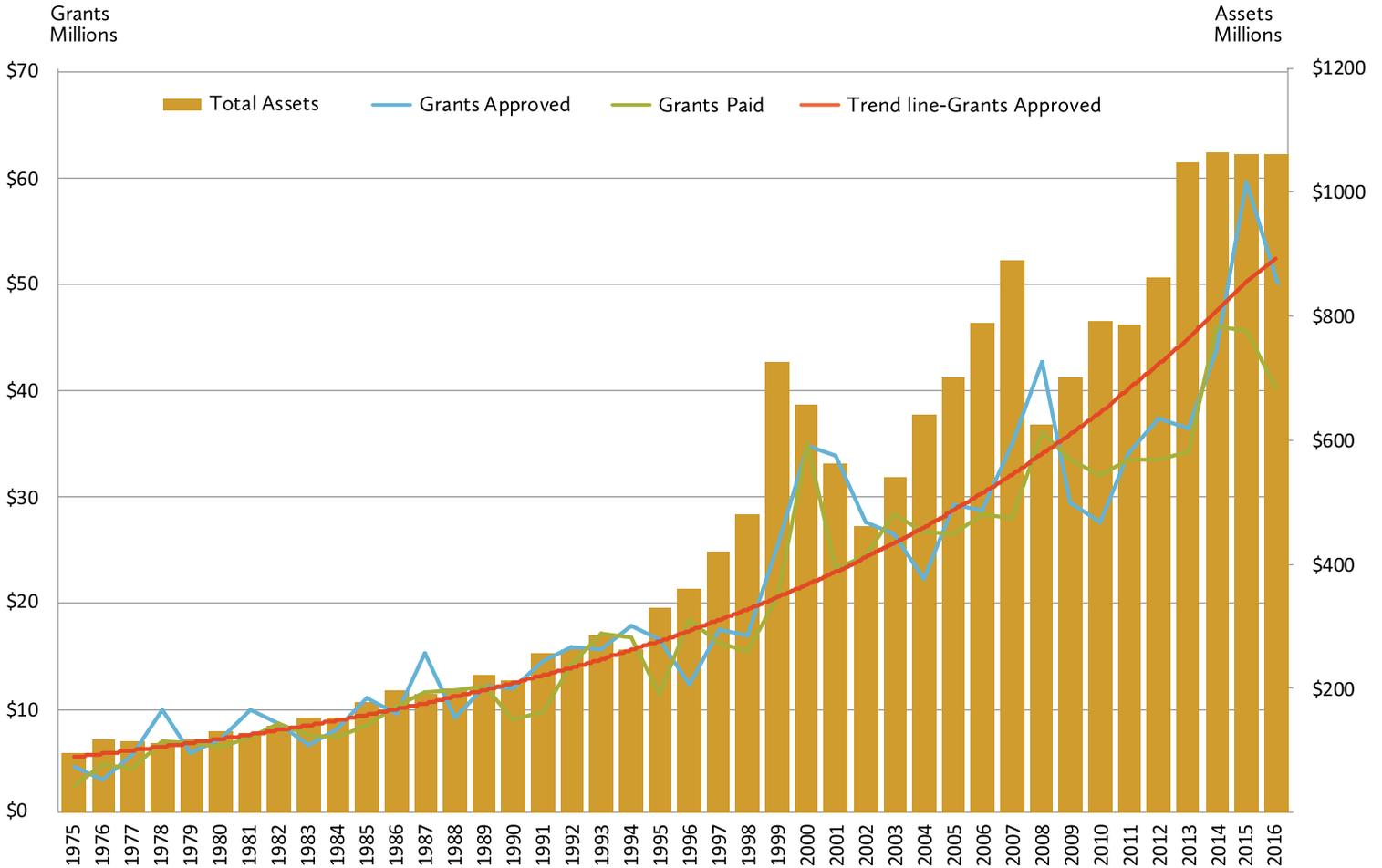
It has been an honor to serve the Murdock Trust for the past 30 years and a pleasure to join in the collaborative effort of all the staff, along with the guidance of our Trustees, to pursue excellence in all of our investment and grant-making activities.



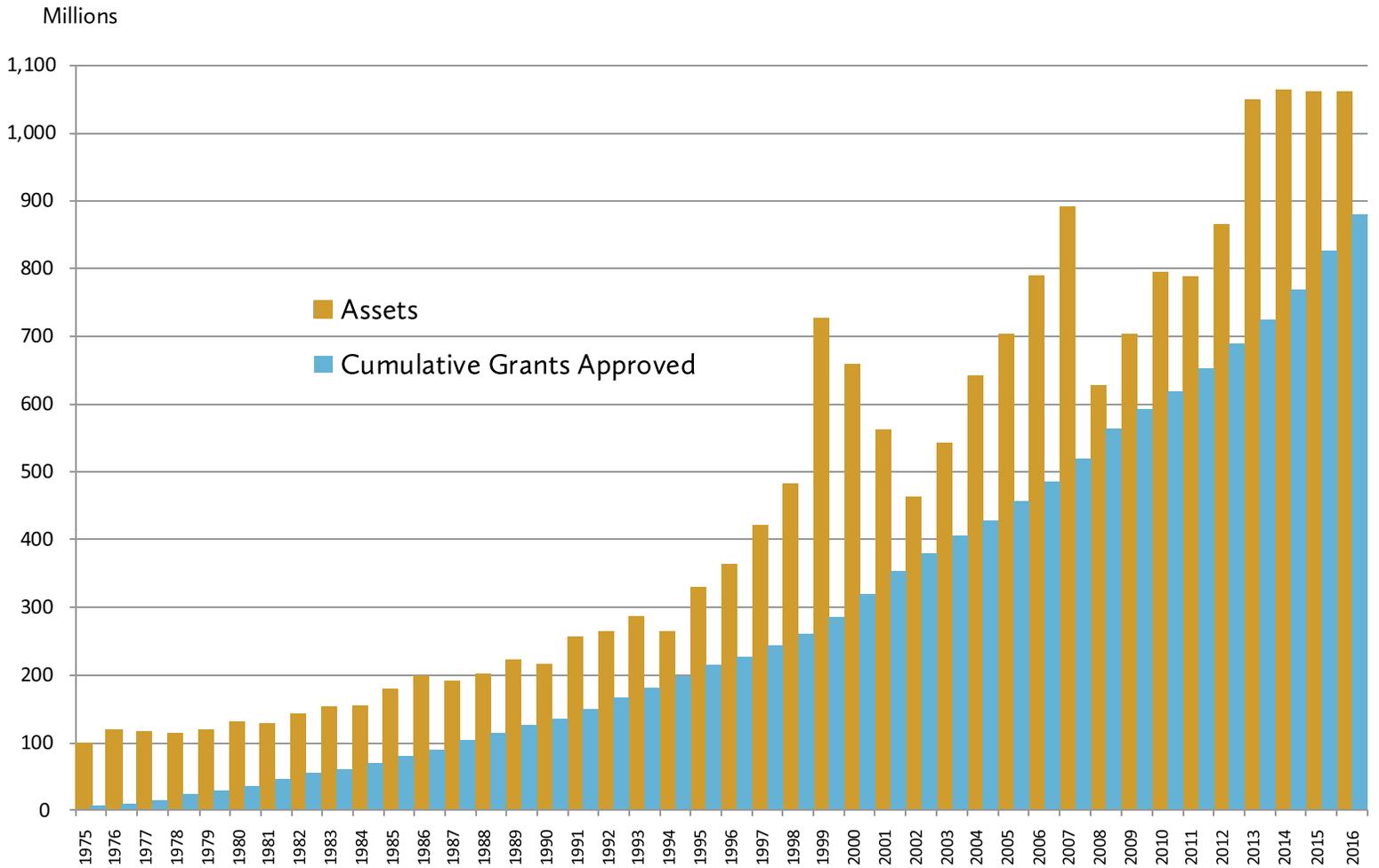
James R. Martin
Chief Investment Officer



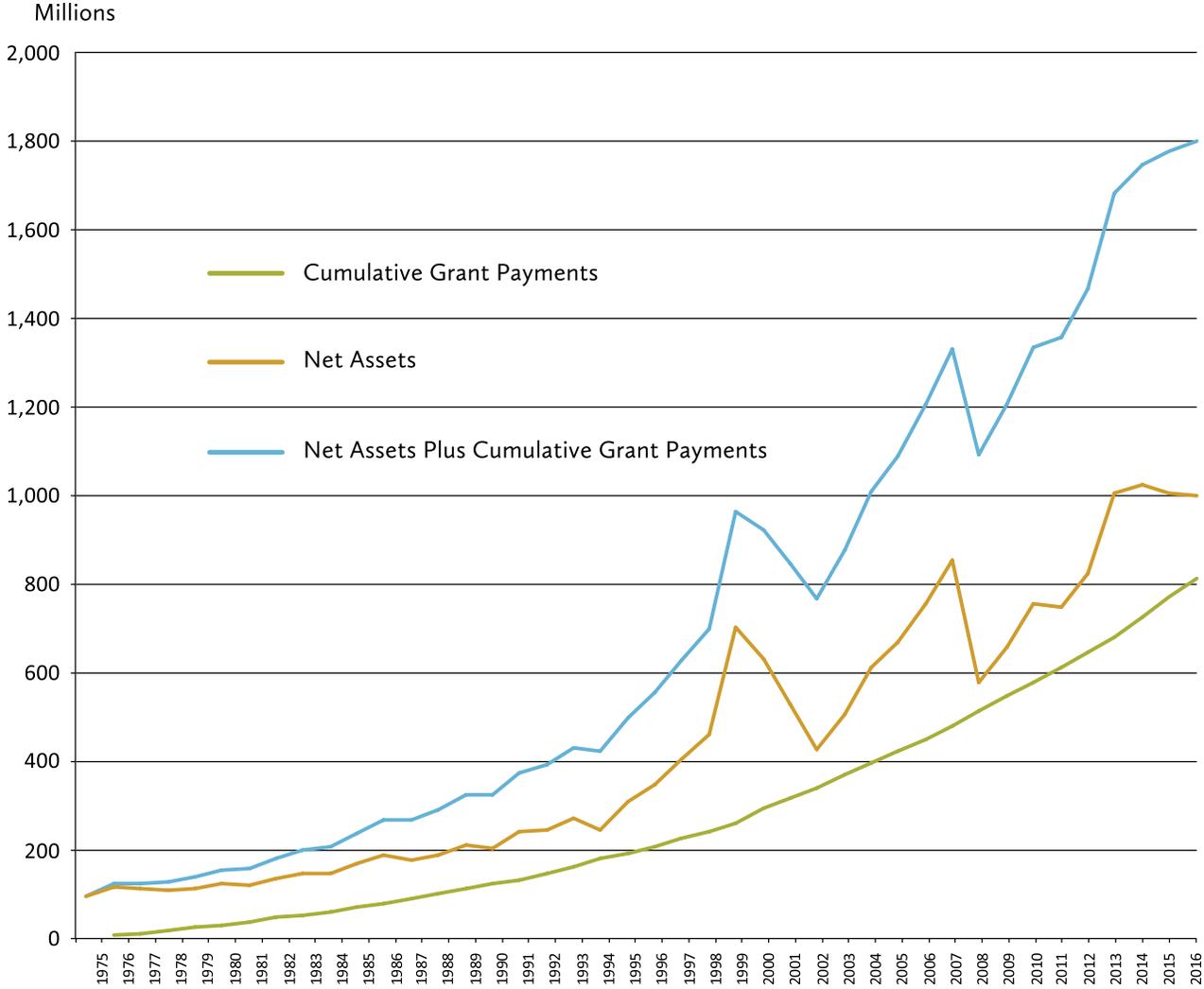
Total Assets, Grants Approved, & Grants Paid



Assets/Cumulative Grants Approved



Cumulative Grant Payments & Growth in Assets Since Inception



RISK BUCKET



LOW RISK

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

RISK BUCKET



MEDIUM RISK

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

RISK BUCKET



HIGH RISK

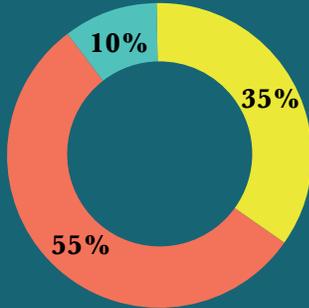
- Private Equity
- Distressed Securities
- Venture Capital
- Special Situations

INVESTMENT MAN



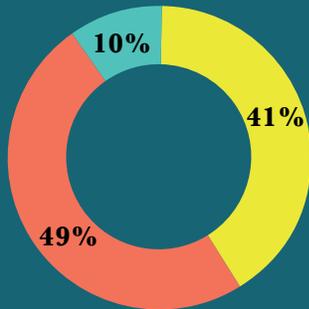
- Hoisington Investment Management Company (1981)
- Lord, Abbett & Co. LLC (2013)
- Metropolitan West Asset Management, LLC (1997)
- Pacific Alternative Asset Management Company, LLC (2000)
- Rimrock Capital Management, LLC (2006)

TARGET ALLOCATION



- ABRY Partners, LLC (2001)
- Acorn Investors, LLC (2004)
- Ares Management, L.P. (2013)
- Calamos Investments, LLC (2011)
- Endeavour Capital (2000)
- First Reserve Corporation (1998)
- KSL Capital Partners, LLC (2005)
- Morrison Street Capital, LLC (2015)
- Oaktree Capital Management, L.P. (1991)
- Pinnacle Associates, Ltd. (2000)
- PRIMECAP Management Company (1984)
- Vulcan Value Partners, LLC (2015)
- W.P. Stewart & Co., Ltd. (1988)
- Walter Scott & Partners, Ltd. (2013)
- Zevenbergen Capital Investments, LLC (1994)

ACTUAL ALLOCATION



- Abbott Capital Management, LLC (1995)
- ABRY Partners, LLC (2001)
- Alchemy Special Opportunities, LLP (2007)
- Brooke Private Equity Associates (2006)
- Capital Group Private Markets (2000)
- Coller Capital (2002)
- EIG Global Energy Partners, LLC (2003)
- Endeavour Capital (2000)
- First Reserve Corporation (1998)
- Keyhaven Capital Partners, Ltd. (2003)
- Knightsbridge Advisers, LLC (1997)
- Mayfield Fund (2012)
- New Venture Partners, LLC (2005)
- Oaktree Capital Management, L.P. (1991)
- Resource Capital Funds (1998)
- Sequoia Capital (1980)
- Spur Capital Partners, LLC (2002)
- Standard Life Investments (2005)
- Technology Partners (2000)
- Voyager Capital (2014)

NAGERS

Years in parentheses indicate relationship inception



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Vancouver, WA 98660

contact: p: 360.694.8415
f: 360.694.1819
www.murdocktrust.org