2023

AMPLIFY LIFE
A TIME OF GROWTH

Every day at Bloodworks Northwest, something remarkable happens. We deliver lifesaving transfusions and apheresis treatments to patients, donors give the gift of life, and transplant recipients are matched to their life-givers. We provide space for our community to gather and serve. What a delight and a privilege it is to work in partnership to provide life to people in the Pacific Northwest and beyond.

As we’ve shifted beyond the pandemic years, now is the time to grow our services and continue to advance our lifesaving mission. Examples abound around our investment of energy and resources into elevating our impact, including:

- Ensuring a safe and reliable blood supply for transfusion, transplantation, and research, each and every day of the year.
- Accelerating the growth of our mobile program to make donating blood more convenient and accessible in Western Washington and Oregon.
- Opening a new donor center and mobile hub serving Beaverton and the greater Portland area.
- Expanding donor eligibility through implementation of new FDA guidelines that offer more people the opportunity to donate blood.
- Growing products and services that enable clinical researchers to find specialized cell and gene therapies through Bloodworks Bio.
- Creating opportunities for new scientific discoveries in blood-related research and patient therapies through growth of our Research Institute.

Whether you are a blood donor, blood drive coordinator, financial donor, or volunteer, we thank you for your lifesaving commitment. With your wonderful help, Bloodworks makes an immense impact on the Pacific Northwest and beyond. We seek and continue to depend on your ongoing support in amplifying our mission of saving lives every day.

Kindly,

Curt Bailey, MBA
President and CEO
Bloodworks Northwest

COMMUNITY IMPACT

JULY 1, 2022–JUNE 30, 2023

COMMUNITY BLOOD DONATIONS 195,233
SUCCESSFUL BLOOD COLLECTIONS

BLOODWORKS TRANSFUSION SERVICE LABS 50,418
BLOOD COMPONENTS ISSUED

BLOODWORKS APLHERESIS CENTER 1,129
PATIENT PROCEDURES

BLOODWORKS TRANSFUSION SERVICE LABS

BLOODWORKS HLA TESTING 700
ENABLED SOLID ORGAN TRANSPLANTS

BLOODWORKS CORD BLOOD DONATION PROGRAM

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SAVING LIVES THROUGH RESEARCH, INNOVATION, EDUCATION, AND EXCELLENCE IN BLOOD, MEDICAL, AND LABORATORY SERVICES IN PARTNERSHIP WITH OUR COMMUNITY.
In 2022 the Washington State legislature made a commitment to improve the lives of Washingtonians through an historic investment in cancer research through the CARE Fund. After an extensive grant review process, the CARE Fund approved eight awards, four of which were given to Bloodworks.

The generosity of these grants will enable Bloodworks to:

- Double the donor beds in an expanded Apheresis Center.
- Build a specialized clean room for immunotherapy manufacturing.
- Invest in a quality-monitoring system for large-scale blood product production.
- Explore how to offer our Research Institute’s expertise and equipment to cancer researchers.

Pre-construction and planning began in early 2023 for opening a vibrant new donor center in the heart of Beaverton, Oregon. On November 16, 2023, we celebrated this significant step in Bloodworks’ ongoing commitment to ensure a safe and robust blood supply for patients in the Pacific Northwest.

The major expenses reflected in the FY23 Budget are a result of purposeful investment in our critical blood collection infrastructure – including the buildout of a new blood donation center in Renton, and the construction of a mobile blood drive transportation hub at our Renton West location. In addition, we invested in medical equipment to ensure the safest and most positive experience for our 200,000 volunteer blood donors. These investments are critical for the recruitment of donors in South King County, as well as reaching donors where they live and work through our mobile blood drive program. Mobile drives are a large component of our growth strategy for FY24 and beyond.

Due to the growth of our investment portfolio and other variables, our cash balance remains stable, and our net assets have increased by $6 million in the last year. There are no current concerns about the sustainability of our programs.
HARNESSING THE POWER OF BLOOD. This year alone, in collaboration with the Bloodworks Apheresis Therapy team, Bloodworks Bio served as a critical partner for over 100 cell and gene therapy companies. Utilizing our well-established Research Donor Program and advanced cell expertise, we collected, manipulated, and shipped thousands of customized blood-based products for research.

Aaron Posey, Executive Vice President: “In 2023, Bloodworks Bio supported more therapies and treatments than ever before. We secured our first partnership that moves beyond clinical trial: we served as a commercial processing partner for a new FDA approved cancer therapy. In 2024, we will double collection capacity, diversify manufacturing capabilities, and scale electronic data management systems – reducing the timeline from discovery to treatment, getting lifesaving cancer treatments in patients’ hands sooner.”

New Faces: Emily Pjacic
We welcome Emily Pjacic to the Bloodworks Bio team as our new Cord Blood Donor and Collections Supervisor. Emily is a Registered Nurse with a background in Women’s Services, specifically Labor and Delivery. After collecting cord blood as a travel nurse, she joined the Cord Blood Donation program, the first and only public cord blood bank in the Pacific Northwest. In her role, she aims to increase the number of cord blood units donated at our partner hospitals, and also increase the amount of ethnic and racially diverse cord blood units in the registry. Emily and her team are committed to increasing the number of collection sites, providing more education to the public and providing more presence at hospitals to ensure adequate education for collectors on how to collect properly.

New Partnerships: UW Medical Center - Montlake
We are proud to announce the opening of a new cord blood donation site in 2023 at UW Medical Center - Montlake where birthing families can donate their umbilical cord blood through Bloodworks’ Cord Blood Donation Program. The stem cells we collect from umbilical cord blood donations can be used worldwide to help patients with anemias, bone marrow failure, blood cancers, and immune deficiency disorders. UW - Montlake joins Swedish First Hill, Swedish Issaquah, EvergreenHealth, Overlake, and Valley Medical centers as participating partners in this free, safe, and confidential service—saving lives and growing the opportunities to donate cord blood in the Pacific Northwest.

In 2022, we performed:

- pre-transplant testing on 2,595 potential organ recipients
- pre-transplant testing on 1,056 potential organ donors
- post-transplant testing on 3,216 recipients

We perform this testing for the transplant programs at:
- University of Washington Medical Center
- Swedish Medical Center
- Virginia Mason Medical Center
- Seattle Children’s Medical Center

2022 transplants made possible through HLA testing:
- Lung: 48
- Liver: 127
- Heart: 75
- Kidney: 379
- Other: 22

POSSIBLE TRANSFUSIONS NEEDED FOR ORGAN TRANSPLANT:
- 48 UNITS OF BLOOD
- 35 UNITS OF PLATELETS
- 25 UNITS OF PLASMA

In AN INTEGRAL PART OF ORGAN TRANSPLANTATION, the HLA Laboratory of Bloodworks Northwest performs over 20,000 tests, 90-95% of which are crucial pre- and post-transplant tests. The HLA Lab is on pace to set record numbers in 2023 as they facilitate almost every single organ transplant happening in Seattle.

HLA: Human Leukocyte Antigen
These antigens are proteins produced by a group of eleven different genes, and, despite the name, are found on almost all the cells of the body (not just white blood cells), including the cells that make up organs.
Beyond blood banking, Bloodworks is dedicated to amplifying the amount of good every blood donation makes possible. We accomplish this through our internationally acclaimed RESEARCH INSTITUTE, where scientists study ways to make blood safer, and how to unleash its power to advance human health.

IN 2023, BLOODWORKS RESEARCH INSTITUTE FOCUSED ON GROWTH—strategically recruiting new talent for the first time since 2016—all to save more lives. Today, we are thrilled to introduce our three new laboratory directors, known in the science world as Principal Investigators, who bring new ideas, new approaches, and new energy from around the world to our Institute.

THANKS TO GENEROUS FINANCIAL DONATIONS FROM THE COMMUNITY, BLOODWORKS ESTABLISHED A STATE-OF-THE-ART INTRAVITAL MICROSCOPY IMAGING CORE IN 2023, THE FIRST OF ITS KIND ON THE WEST COAST.

Dr. Pavel Davizon-Castillo
How Blood Clotting Changes with Age
Journey to Bloodworks: A native of Mexico, Dr. Davizon-Castillo obtained his medical degree in Monterrey, Mexico, and continued his training here in Seattle under the mentorship of our own Dr. José López. Inspired to pursue a career at the interface of medicine and science, he went on to train in Texas and Colorado before returning to Bloodworks this year.

Scientific Interests: Dr. Davizon-Castillo’s goal is to identify new ways to treat, and ultimately prevent, abnormal blood clots. He studies the ways our body regulates blood clotting as we age, as well as age-related hematological diseases. As a practicing physician, Dr. Davizon-Castillo also cares for pediatric patients with blood disorders, abnormal platelet numbers, and thrombosis.

Accolades: Dr. Davizon-Castillo has a remarkable track record of obtaining funding from prestigious organizations, including the Pediatric Scientist Development Program, the American Society of Hematology, the National Institutes of Health and the Robert Wood Johnson Foundation.

Dr. Reheman (Raymond) Adili
Photographing Blood Clots as They Happen
Journey to Bloodworks: Dr. Adili received his MD and training in cardiovascular surgery in China. Seeing firsthand the devastating effects of abnormal blood clotting inspired him to pursue a career in medical research. In 2015, he joined the University of Michigan to continue his work on arterial and deep vein blood clotting.

Scientific Interests: The Adili lab studies how blood cells participate in clotting during injury, inflammation, and different diseases. His research projects focus on (1) identifying the underlying causes of blood clots, (2) developing new therapies to treat blood disorders, and (3) restoring normal clotting in trauma and hemophilia patients. His work utilizes intravital microscopy, a powerful tool that takes images of blood clots in real time.

Accolades: Dr. Adili has published more than 55 high-impact research articles. He received the American Heart Association’s Karl Link Award in Thrombosis and the University of Michigan’s Bo Schrambacher Heart of a Champion Award.

Dr. Li (Amily) Guo
A Role for Platelets in Our Immune System
Journey to Bloodworks: Dr. Li (Amily) Guo grew up in a small town in China, earning her MD from Shandong University. During her time in medical school, she was inspired to pursue a career in blood disorder research. After obtaining her PhD degree at the University of Toronto, Dr. Guo trained at the University of Utah before joining Bloodworks.

Scientific Interests: Dr. Guo studies platelets, best known as the cells in our blood that trigger it to clot. However, Dr. Guo’s research has revealed that platelets also play an important role in our immune system. Today, her goal is to define the important immune functions of platelets in cardiovascular disease, bleeding disorders, and severe infection, ultimately leading to development of new cell therapies.

Accolades: Dr. Guo’s groundbreaking work on platelets in the immune system has resulted in over 25 high-impact research articles, including 7 articles in Blood.
In 2023, BAT treated more than 1,100 patients from 12 medical centers in King, Snohomish, and Pierce Counties, operating 24 hours a day, 7 days a week, 365 days a year. With our stellar record of excellent patient safety and outcomes, our services are in high demand across Bloodworks’ service area. Looking forward to 2024, we will focus on expanding our capacity to serve more local patients than ever before.

BIOLOGICS & THERAPEUTICS

The Apheresis Center will have the capability and capacity to serve more than 3,000 patients per year.

**WHY IS BLOOD SO IMPORTANT FOR STUDYING HUMAN DISEASE?**

Collecting blood for transfusion is only one of many ways that Bloodworks supports blood-based needs. Our highly trained and renowned Bloodworks Apheresis Therapy (BAT) team supported hundreds of PNW patients in need this year, and millions of patients around the world in need of better cancer treatments.

Treating Patients of Today: Therapeutic Apheresis

What is therapeutic apheresis? Instead of needing a blood transfusion, some patients require selective removal of blood components to treat their disease. This process, called therapeutic apheresis, is performed by skilled Bloodworks Apheresis Therapy nurses, both at local hospitals and in our apheresis center. Our team is able to support patients with over 80 diseases and 150 indications, including sickle cell disease, multiple sclerosis, and organ transplant rejections.

Treating Patients of Tomorrow: Cancer Immunotherapy Development

The recent development of modern immunotherapies has revolutionized how cancer is treated today. These new therapies require specialized immune cells to be collected at a specialized apheresis center like BAT. The immune cells are then reprogrammed to target cancer in a lab, and ultimately infused back into patients. In 2023, in collaboration with Bloodworks Bio, BAT emerged as a leader in providing immunotherapy starting material of the best quality and quantity, supporting over 120 immunotherapy companies this year alone.

New immunotherapies will mean fewer side effects of cancer treatment, better outcomes, and more lives saved around the world.
FROM THE CHAIR

OUR ORGANIZATION’S JOURNEY has been marked by dedication, compassion, and a steadfast commitment to serving our community’s crucial blood supply needs. We have been driven by the core belief that every drop of blood donated, and every scientific breakthrough achieved, brings us closer to a healthier, more resilient society.

The evolution of healthcare and medical research has evolved rapidly in the past decades. We need to adapt and thrive in this changing environment, ensuring that our services remain relevant, innovative, and accessible to our community.

In 2023, Bloodworks focused on growth—growth not just in numbers, but in the scope and impact of our activities. We grew our team of blood collection specialists to collect more blood and grew our team of cutting-edge scientists. We continued to focus on retaining our existing talent and growing technology and capacity to meet the needs of current and prospective customers. Bloodworks also went back out on the road! Mobile donation sites deployed into our communities to collect blood for the first time since the pandemic began.

As we move into 2024, our growth trend will continue as we consider how to innovate to meet the blood needs of our community. I’m excited to see what happens next for Bloodworks as we reach toward our 80th anniversary—and beyond.

Together, we can shape a future where the needs of our community are not just met but exceeded. A future where Bloodworks Northwest stands as a pillar of health, hope, and progress.

Molly Firth
Chair, Bloodworks Northwest
Board of Trustees

BOARD OF TRUSTEES / 2023

CORPORATE OFFICERS

Curt Bailey, MBA President & CEO, Bloodworks Northwest
Molly Belozer Firth, Chair
Trina M. Remington, Chief Financial Officer

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Molly Belozer Firth, Chair
Trina M. Remington, Chief Financial Officer

WELLING TRUSTEES - 2023

Drew Corrigan, CPA Office Manager/Partner, KPMG

Shawn W. Stamos, Vice Chair, Brian Grice, Treasurer, Marine Sevina, Secretary

Molly Firth
Chair, Bloodworks Northwest
Board of Trustees

FINANCIAL CONTRIBUTORS

July 1, 2022 to June 30, 2023

OUR WORK TO SAVE AND ENHANCE LIVES SIMPLY ISN’T POSSIBLE WITHOUT OUR GENEROUS FINANCIAL CONTRIBUTORS.

$80,000 AND ABOVE

Susan Hayes
Sally Nordstrom
$10,000 - $25,000

Kerry Chestro
Stephen and Elise Hulsizer
Nancy Speath
Norman and Pamela Walditz

$1,000 - $1,999

Anonymous
Curt and Michelle Bailey
Linda Bjorkman
Ruth and Doug Berkenkotter
Jack and Jane Baylyck
Mike Clarke
Haleley Gollitzer
Wayne Cranston
Pamela Dowling
Nancy Guttick
Dorothy Hanson
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Doug and Billie Kian
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Alby, Matthew
Lynn Mitchell
Richard and Kathryn Miyachi
Sue Nielson
Cheryl Padula
Diane and Bruce Robinson

Jeffrey and Wendy Robinson
Susan Rogers Cook and Jeffrey Cook

David Simpson
Anne Sargent
Tracy and Sean Signor
Karen Smith
Valerie and Steve Webber
Thomas White
Kathryn Williams

$500 AND ABOVE

Diana and Warren Akerhuis
George and Jane Bartlett
Trudy Bartosik and Ralph Federbig
Craig and Melanie Biebich
Leo Bubel and Roberta Reiter
Todd Carter
Heather A. Davis
Paula Emerick
David Fandell and Heather Sherman
Larry Fasch
Molly and Mike Firth
Walter Fletcher
Eric Friedl
Trey and Christina Gooby
Richard and Janne Green
Kelly Gwynn
John Hamilton
Brian Jacono
Joyce and Craig adson

Angela & Aarten
Brianna & Jensen

July 1, 2022 to June 30, 2023

COMMUNITY PARTNERS

July 1, 2022 to June 30, 2023

IN PARTNERSHIP WITH THESE GENEROUS ORGANIZATIONS, BLOODWORKS IS ABLE TO PROVIDE A SAFE BLOOD SUPPLY TO LOCAL PATIENTS.

Music’s in Our Blood & Saver Life, Save a Life Partners on p. 13

Ahmadiyah Muslim Community
Allen Institute
Amazon
Andy Hill CARE Fund
Anonymous Foundation
Big Fish Games
Bill and Melanie Gates Foundation
Blue Origin
Boeing
Candlewood Community Housing
Cascade Montessori
Catholic Church
Central Kittitas Fire & Rescue
Chambers of Commerce of the Church of Jesus Christ of Latter-day Saints
City of Liberty
City of Moses
City of Yakima
Columbia Bank
Columbia Center
Columbia Sportswear
Confluence Environmental Company
CoHo
Eastside Fire & Rescue
Envision
Families of Men's
Former City Hall
Funhobby
Gardner Family
Greater Yakima Area Foundation
Grand Summit
Greater Wenatchee Area Foundation
Grayslake Healthcare
Greeley
Greybeard
Green River College
Green River College Foundation
Green River College Foundation
Green River Community College
Greeley
Greybeard
Green River College
Green River College Foundation
Green River Community College
Heart Valley Brewing
Keller Williams Realty
Kitsap County Sheriff
Kitsap County Sheriff
Kitsap County Sheriff
Kitsap County Sheriff
Lakewood Police Department
Lutheran Church
Mesa
Microsoft
Mighty O'Donals
Mod Pizza
Moneytree, Inc.
Natural Grocers
The Northside Foundation
Owatonna Medical Center
PACCAR
Pacific Office Automation
Port Gamble S'Klallam Tribe
Puget Sound
Purcell
Quilted
Roma Charitable Foundation
Rolling Bay Presbyterian Church
Rotary Club
Salish
Seattle Mariners
Seattle Opera
Seattle Repertory Theatre
Silotonic
Squaxin Island Tribe
Silver City Restaurant & Brewery
SNohomish County Sheriff
Starbucks
State Communities of Washington
T-Mobile
Tacoma Public Library
Taiwan Browning
Thermo Fisher Scientific
Towns & Country Markets
Tualatin Hills Park & Recreation District
Tulalip Tribes Charitable Fund
UNFIN Foundation
University of Oregon
University of Washington
U.S. Bank Foundation
Village Theatre
Washington County Sheriff
Washington State Patrol
Whole Foods
William Grassie Wine Estates
Woodland Park Zoo

WASHINGTON & NORTHWEST ANNUAL REPORT 2023
WHY IT’S SO IMPORTANT TO DONATE
When her father passed away after multiple heart attacks, Converge Media host and producer TraeAnna Holiday realized just how important it is to be informed about your health. This is one reason she’s a blood donor: she gets a mini physical with every donation. In fact, a recent appointment showed that Trae’s hematocrit was low, so she learned that she should take an iron supplement to get her own well-being back on track.

As a Black woman and changemaker, Trae is hyper-aware of the healthcare inequities facing Global Majority (BIPOC) patients in the US. Blood type, like most genetic traits, is linked to our heritage. The part of the world that your ancestors came from can influence which proteins your blood cells express — and what blood you can safely receive from another person. The more diverse the blood supply, the better for local patients.

But change doesn’t come overnight, especially after decades of disparity. It takes trust and transparency. And it helps to start young.

Trae has partnered with Bloodworks Northwest on Where the Heart Lives, an educational program that uses music to spread the lifesaving message of blood donation in local high schools through storytelling and performances by up-and-coming artists. “It’s great having these young folks talking to young folks, because that’s a way to build trust,” she said. 20-25% of the blood supply in the Pacific Northwest comes from high school donors, making Where the Heart Lives a natural fit.

And Trae connects blood donation with Gen Z’s commitment to civic engagement: “This is one issue that they can actually be a part of in a really helpful way.”
For more information regarding financial contributions:

Giving@bloodworksnw.org
(206) 568-3614

921 Terry Ave
Seattle, WA 98104
(800) 398-7888
bloodworksnw.org

BECAUSE OF THE THANK THE DONOR PROGRAM, FRIENDS, FAMILY AND PATIENTS CAN SAY THANKS FOR THE LIFESAVING BLOOD RECEIVED FROM DONORS IN OUR COMMUNITY.

My wife is a heart transplant recipient. She needed some blood during recovery, and yours was used. Thank you. You've made a difference.

On October 31, 2022, I underwent an emergency C section to deliver my twin babies. During the surgery I lost 4 liters of blood, and if it wasn’t for blood donors like you I wouldn’t be here to raise my beautiful children today. I received 1 platelet, 6 units of RBCs, 3 units of plasma, and 1 cryoprecipitate. You saved my life. Thank you, thank you!

My 3 year old daughter is receiving platelets from your donation that is keeping her healthy until a bone marrow transplant. Without your donation she would not be able to be home and active while waiting transplant. We can’t thank you enough for your donation and what it has done for our daughter. Thank you!

God Bless you! My mom is 88 yrs old. She fell and suffered a pelvic break which also bled. She already had chronic anemia so this was a double whammy! Your donation will help her get stronger so she can concentrate on rehab. Thank you so very much for your time and generous gift.

Thank you more than words can say! I didn’t know how much longer I had, until I received your help.

My husband has a blood cancer. I can’t thank you enough for taking time, out of what I’m sure is a busy life, to donate to total strangers. Because you care, my husband was able to plant a few tomatoes and zucchini plants for probably the last time. It has given him something to look forward to. You have given us a few more months with our special guy.

Thank you for your life saving blood. It’s keeping me alive. So appreciated!

I became anemic because of mysterious nose bleeds. Very weak. I’m in the hospital now getting a transfusion from your blood. Thank you for your donation that’ll get me on my feet quicker than 4-6 weeks.

Thank you for your generous blood donation. I’m so grateful for you. Thank you a million trillion times. May you be blessed in all you do.

I’m a 19 year old cancer patient and I just wanted to thank you for donating your blood! I’ve started to have red blood cell counts (from chemotherapy) which are potentially unhealthy and it was YOUR blood that helped the situation from escalating any further! So once again, thank you so much for donating.

As of April 5th 2023, I am committed to being an advocate for blood donation for the rest of my life saved by donations. Thanks to all who really understand the need and importance of blood donations.