



**PAUL G. ALLEN**  
Founder

With lifetime giving totaling over \$2 billion, investor and philanthropist Paul G. Allen has spent his career tackling some of the world's biggest challenges and pushing the boundaries of what's possible. Through both for-profit and philanthropic investments, Allen has sparked important developments and innovations in the areas of science, technology, education, conservation, the arts and community improvement.

Allen, who co-founded Microsoft in 1975, is mapping new frontiers and fueling exploration across a broad range of industries as the founder and chairman of Vulcan Inc., the Seattle-based company that oversees his business and philanthropic efforts. Allen's vision has forwarded projects such as leading the massive redevelopment of Seattle's South Lake Union neighborhood, founding three museums including Seattle's critically acclaimed EMP Museum, funding the first privately-backed effort to successfully put a civilian in suborbital space, and launching Stratolaunch Systems, which is developing a revolutionary airborne launch system. He also owns the Seattle Seahawks of the National Football League, the Portland Trail Blazers of the National Basketball Association, and is part of the primary ownership group for the Seattle Sounders FC, the city's Major League Soccer team.

Allen is included among the world's leading philanthropists who have pledged to give away the majority of their fortunes to charity. His giving is channeled through The Paul G. Allen Family Foundation, and through direct gifts, including \$26 million in 2010 to Washington State University for the Paul G. Allen School for Global Animal Health. In 2003, he founded the Allen Institute for Brain Science to accelerate understanding of the human brain in health and disease, supporting the Seattle non-profit with \$500 million to date. A decade later, he launched the Allen Institute for the Artificial Intelligence to explore critical questions in AI. In 2014, he founded the Allen Institute for Cell Science and its inaugural project, the Allen Cell Explorer, which will accelerate disease research by creating predictive cell models.

Allen's award-winning film company, Vulcan Productions, develops and supports media projects that help audiences understand the world around them and respond to challenges. *Idea Man*, Allen's 2011 memoir, was a *New York Times* bestseller.



**KATHY RICHMOND, PH.D., M.B.A.**  
Director

Kathy Richmond is engaged with overall research portfolio strategy, listening tours, and all grant programs at The Paul G. Allen Frontiers Group. In addition, she frequently serves as a reviewer with federal agencies and partner organizations for multidisciplinary 'frontier' research programs, and as an invited panel member on topics ranging from science philanthropy to technology development. Since joining the organization in 2012 as a Senior Program Officer for Science and Technology at the Paul G. Allen Family Foundation, Kathy has grown the bioscience portfolio, expanded the Allen Distinguished Investigator program and led funding in emerging bioscience and technology areas.

Her position at the Frontiers Group follows her role as the Director of Enabling Technologies at the Great Lakes Bioenergy Research Center, one of three Department of Energy funded biofuels Centers. In that position, she developed and oversaw a diverse portfolio of numerous technologies ranging from "omics" to plant transformation which supported the research needs of its 300 members. Prior to that, Kathy worked as a bench scientist, project lead and industry consultant, garnering two patents and multiple publications. Along with a Ph.D. in Cell and Molecular Biology from the University of Wisconsin-Madison, Kathy also holds a M.B.A. and attended Stanford University as an American Cancer Society postdoctoral fellow.

## BIOGRAPHIES



### **KATIE LILLIE** Chief of Staff

Katie Lillie joined The Paul G. Allen Frontiers Group in 2017 and serves as the Chief of Staff to the Executive Director, Tom Skalak. In this role, she helps execute the Frontiers Group mission and assists the Executive Director with special projects. Prior to joining the Frontiers Group, she served as Director of Press Advance at The White House and Deputy Chief of Staff at the U.S. Mission to the United Nations. She also served as Global Outreach Director at Tina Brown Live Media/Women in the World before forming her own strategic consulting company. She received her B.A. in Political Science from Kenyon College.



### **NICOLE HUBER, PH.D.** Program Manager

Nicole Huber supports the implementation and management of the portfolio of grants in The Paul G. Allen Frontiers Group, and conducts special projects. Nicole oversaw the design and installation of a unique patient care facility for ten major West Coast medical imaging clinics, easing the stress of cancer therapy for over 10,000 patients annually. Prior to joining the Frontiers Group, Nicole was a postdoctoral research associate at the University of Washington, where she also earned her Ph.D. in Biology, with a focus on in vivo muscle mechanics paired with x-ray diffraction. She received her B.S. in Biology from the University of California, Berkeley.

## About The Paul G. Allen Frontiers Group

The Paul G. Allen Frontiers Group is dedicated to exploring the landscape of science to identify and fund pioneers with ideas that will advance knowledge and make the world better. Through continuous dialogue with scientists across the world, The Paul G. Allen Frontiers Group seeks opportunities to expand the boundaries of knowledge and solve important problems. Programs include the Allen Discovery Centers at partner institutions for leadership-driven, compass-guided research, and the Allen Distinguished Investigators for frontier explorations with exceptional creativity and potential impact. The Paul G. Allen Frontiers Group was founded in 2016 by philanthropist and visionary Paul G. Allen. For more information visit [allenfrontiersgroup.org](http://allenfrontiersgroup.org).

## About the Allen Institute

The Allen Institute is an independent, 501(c)(3) nonprofit research organization founded by philanthropist and visionary Paul G. Allen. The Allen Institute is dedicated to answering some of the biggest questions in bioscience and accelerating research worldwide. The Institute is a recognized leader in large-scale research with a commitment to an open science model. Its research institutes include the Allen Institute for Brain Science, launched in 2003, and the Allen Institute for Cell Science, launched in 2014. In 2016, the Allen Institute expanded its reach with the launch of The Paul G. Allen Frontiers Group, which identifies pioneers with new ideas to expand the boundaries of knowledge and make the world better. For more information, visit [www.alleninstitute.org](http://www.alleninstitute.org).