2021 was a year of many successes, not just in our fundraising but, more importantly, in our research progress. Thanks to our very generous donors, our hardworking board, Usher 1F families and friends, and our creative Usher 1F Cereal Challenge, we realized a total of $600,000 to invest in vision-rescuing research. This research now includes ten gene and drug therapies at eight research labs, including at least one gene therapy that will likely be ready to move from the lab to preparation for testing in humans in three to four years, as well as a drug therapy nearing readiness for testing in humans.

2021 also saw the launch of RUSH1F, our natural history study in partnership with Foundation Fighting Blindness. The importance of this study cannot be overstated. Investigators at ten clinical centers around the world will track the progression of vision loss in the absence of treatment in 40 patients with Usher 1F over a period of four years. This data will then be used to determine efficacy in a future clinical trial. Because Usher 1F is so rare, it is not possible to conduct a traditional clinical trial with a portion of the patients receiving a placebo. RUSH1F will, essentially, provide this control group in advance. Without this study, we could not have a clinical trial nor attract the interest of biopharma companies.

We continue to benefit from our Chan Zuckerberg Initiative (CZI) Rare As One Project grant, both from the opportunities the funding has afforded us and from the training and connections from which we have benefitted. These include webinars with expert speakers, in-depth training on fundraising and nonprofit accounting, as well as the opportunity to network, compare notes, exchange ideas, and learn from the other 29 grantees.

Our international scientific research conference was a major benefit from our CZI grant, enabling us to bring together investigators to share ideas and foster collaborations. This talented pool of presenters focus their research on Usher 1F, other similar types of Usher syndrome, as well as on the development of relevant scientific approaches and tools. While COVID forced us to hold a virtual conference, over 300 persons registered from locations not just in the US but from all over the world. While we missed the personal face-to-face interactions more readily facilitated by an in-person conference, holding it online enabled more people to join us to benefit from the wealth of valuable information presented.

Usher 1F Collaborative is uniquely positioned with our exemplary combination of skillsets to attract and fund the best scientists to achieve our mission. We leverage the world’s best brains, current science, cutting-edge engineering, and new technology to find a cure for this debilitating genetic disease. Our researchers work collaboratively and are making tremendous strides. Our board has a world-renowned physician and scientist (also an Usher 1F parent), a biopharma venture capitalist, a drug developer, motivated parents and friends of affected families, and others in the corporate world. This winning combination allows us to access the best researchers and effectively understand and evaluate the science.

We are harnessing science and breaking barriers in our quest for a cure.

We are eager to see the research progress that 2022 will bring and invite you to follow along on our journey toward our dream of vision for a lifetime.
The Usher 1F Cereal Challenge

On February 13th, the first participants donned blindfolds and felt around their kitchens, attempting to gather a bowl, cereal, milk, and a spoon and subsequently prepare the classic breakfast meal that is also 9-year-old Zachary Root’s favorite food.

With a little help from his parents and his dad’s college friends, Zachary’s Usher 1F Cereal Challenge took off! With over $150,000 raised and over one thousand videos, people all over the world accepted the challenge!

We were even more excited when some of the most famous cereal brands and their iconic mascots accepted the challenge. Not only did Kellogg’s donate $20,000, but also we saw Snap, Crackle, and Pop blindfolded on Instagram, and we saw their friends Tony the Tiger, Toucan Sam, and the Apple Jacks team attempt to prepare a bowl of cereal as well. Post Cereals donated $1000 and accepted the challenge, gifting Zachary with a one-of-a-kind personalized box of Fruity Pebbles.

In addition to these icons from the world of cereal, we also saw many celebrities accept the challenge.

WATCH: www.youtube.com/watch?v=huxTaCRHb88
Zachary takes the Usher 1F Cereal Challenge
Usher 1F International Scientific Research Conference

On May 13th and 14th, 2021, Usher 1F Collaborative hosted a virtual international scientific research conference, *Therapeutic Strategies for Large Protein Coding Genes in Usher Syndrome*. We are grateful to the Chan Zuckerberg Initiative (CZI) for funding the conference through our Rare As One Project grant, as well as to our sponsors, The Ardent Companies, Associated Agencies, I. Halper Paper & Supplies, and Franklin Mutual Insurance. With over 300 attendees and 26 sessions, the event was a major success!
Red Meat Lovers Club

On September 29, 2021, the Red Meat Lovers Club, led by Evan Darnell, the Secretary of Steak, along with Ariane and Michael Duarte, held an amazing, enthusiastic fundraiser at Ariane Kitchen & Bar in Verona, NJ, in support of local resident Zachary Root, who has Usher Syndrome type 1F. Thanks to the generosity of the hosts and guests, the epic “meating” raised $26,000 for Usher 1F research!

Release of Usher 1F Collaborative Film

On Giving Tuesday 2021, we released our new video, illustrating how Usher 1F Collaborative is uniquely positioned with our exemplary combination of skillsets to attract and fund the best scientists to achieve our mission.

WATCH: www.youtube.com/watch?v=vX8RaNzqQY&t=15s
Usher 1F Giving Tuesday Film: Why We Are Uniquely Positioned to Achieve Our Mission
FUNDING RAISED
Total: $597,803

*Notes: $225,000 in restricted funding for 2021 from the Chan Zuckerberg Rare As One Project received in December 2020
$1,000,000 set aside from 2019 and 2020 major gifts for RUSH1F, Usher 1F natural history study

GIVING BREAKDOWN
Total Number of Gifts: 1427

Average Gift Size: $418

Total Expenditures $840,065
TOTAL GRANT DISTRIBUTION
Total Grants Given: $585,000

EXPENDITURES BY FUNCTIONAL AREA
Total: $840,065

Foundation Fighting Blindness, RUSH1F Natural History Study
$200,000

University of Toronto, Vincent Tropepe, PhD
$50,000

University of Maryland, Zubair Ahmed, PhD
$100,000

University of Oregon, Monte Westerfield, PhD
$85,000

Harvard Medical School, David Corey, PhD
$150,000

Fundraising
$106,146

Administration
$86,304

Program
$647,615

Total assets as of 12/31/21
$1,173,759
Thank you to the following for major gifts in 2021

Apple
The Ardent Companies
Associated Agencies, Inc.
Barry Cohen Homes
Blavatnik Family Foundation
Bochner Eye Institute
Brad Capadona
Leo and Bayla Chaikof
David and Ellen Chaikof
Melissa and Elliot Chaikof
Sheila and Jeremy Chess
David Creemer and Stacey Ashlund
Evan Damast
The Giving Tree Foundation
David and Barbara B. Hirschhorn Foundation
Risa and Daniel Drimmer
Alan and Bunny Fortier
Jennifer and Josh Herz
I. Halper Paper & Supplies
Ideal Fastener Corporation
Kellogg Company
Leo H. Bendit Charitable Foundation
Littler Mendelson Foundation
Patricia Nilles
O’Kane Family Foundation
Red Meat Lovers Club
Rosbruch Family Foundation
Sandel Family Foundation
Peter Seligman
David and Elizabeth Shapiro
Carol and David Sidman
Sari and Hal Springer
William S. and Ina Levine Foundation