

Let's give it all away. But let's do
it in a particular way, with our
hearts and our minds. Let's find
what works and support that.

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-RICHARD RAINWATER

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The Rainwater Charitable Foundation would like to express our appreciation to the following partners for generously providing many of the images included in this annual report: AB Christian Learning Center, Bridge 2 Rwanda, Camp Fire Early Ed, Child Care Associates, Christian Relief Fund, Educational First Steps, Fort Worth Independent School District, George W. Bush Institute, Get Shift Done, IDEA Public Schools, Leadership Academy Network Schools, Parent Leadership Institute, Texas Wesleyan University, The Concilio, The Mentoring Alliance, United Community Centers, and United Way Tarrant County.

# OUR CORE VALUES

# We support visionary solutions in the areas where we work by:

- Approaching our relationships with respect, gratitude, and humility
- Prioritizing visionary and transformative solutions to improve lives
- Striving to be both pragmatic and learning-oriented
- Championing meaningful and impactful collaboration
- Seeking to maintain a sense of urgency in our work
- Adhering to high moral and ethical principles
- Valuing equity, empathy, and compassion for all
- Embracing teamwork





### A Note from the Board Chair and President:



Chair of the Board of Trustees



When we reflect on the last two years, our thoughts oscillate between heartbreaking and heartwarming events. On one hand, we have observed more death, sickness, social isolation, racial inequity, and economic hardship than at any other point in our lifetimes. On the other, we've witnessed more fearlessness, sacrifice, leadership, and resilience than either of us has ever experienced.

After the COVID-19 pandemic began in early 2020, the Rainwater Charitable Foundation team was fortunate to be able to quickly transition to working remotely. We continued operations and increased grantmaking in pandemic response and recovery. We spent less time on monitoring and evaluation and more time being present with community leaders in service to people who were suffering the most during the pandemic. Here we must acknowledge the heroes across our community who helped feed, protect, teach, counsel, and provide healthcare to those in need.

At the time of this printing, the Rainwater Charitable Foundation has turned 30 years old and now, more than ever, we are excited about the tremendous opportunities for increased dialogue, understanding, innovation and renewal. We chose the theme Resilience and Renewal because, despite the challenges that we face in our world, we are hopeful that brighter days

For example, while the world has rightfully focused on fighting the COVID-19 virus, other illnesses such as neurodegenerative diseases continue to affect millions. Research breakthroughs and and collaboration are needed urgently now, and we are hopeful that lessons learned in responding to the pandemic, including increased collaboration and technological breakthroughs, can be used to drive further innovation in medical research.

In the education sector, we've seen firsthand how students and families have fought to keep up with their academic work, despite harrowing pandemic challenges. Now is the time for institutions, public and private, to work alongside these families to ensure that all children, particularly those experiencing trauma, have access to the resources they need to achieve at high levels.

We continue to be in awe of the leadership and hardworking dedication of the nonprofit sector, as is demonstrated on the pages of this report. However, we realize the nonprofit sector cannot achieve transformational change alone. Government, business, and faith sector leaders have critical roles to play to scale what works and make positive change happen for all.

### 30 YEARS OF RCF

# Acknowledging a Milestone

At the time of this report's printing, 30 years have passed since Richard E. Rainwater established the Rainwater Charitable Foundation (RCF).

Richard and his long-time friend Suzy Peacock started the foundation's giving by visiting families that didn't have much money and helping provide these folks with the things they needed. They soon began to work with the teachers and community leaders who were serving these families and they started learning along the way. Reflecting on these early times, Suzy wrote:

We want to work beside our heroes, as part of the team, to be more than just a benefactor, to be a piece of the solution, a sensitive and supportive partner. Richard's question to them is, "How can we help you do more and better of what you are already doing?" And then we want to listen to them, to hear what they really need...

The humility with which they approached philanthropy, understanding that they didn't have all the answers, is just one of the things that makes us distinctive. Their focus on partnership and impact is yet another. Richard approached philanthropy in the same way he approached his work—with a joyful spirit.

Over the course of Richard's life, he gave more than \$380 million to nonprofit organizations, in addition to leaving nearly all of his estate for charitable purposes. Thirty years in, our focus on learning, partnerships, and impact continues as we strive to make a real difference in people's lives, with a spirit of joy and humility, in each of the areas where we work.



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### COVID-19 Funding

In 2020, the COVID-19 virus upended human progress in ways reminiscent of big-budget dystopian Hollywood films. Hundreds of thousands died and even more became critically ill as hospitals were overrun across the globe. Schools closed, community institutions were shuttered physically, commerce teetered, and the social fabric of our society was strained in ways that felt apocalyptic to many. The pandemic seemingly erased decades of progress and momentum in education and science, but like all crises, the pandemic also created opportunities to fundamentally leap forward in important ways.

RCF's COVID-19 initial response was mostly reactive. As large swaths of the economy shut down, the foundation focused its efforts on making funds available to nonprofits who directly served constituents in need in whatever ways were necessary. We tried to prioritize basic needs such as food and shelter, funds to procure desperately needed personal protective equipment (PPE) or funds to pay for critical needs such as childcare.

We connected researchers and other experts with proposals for how to fight the virus with access to funding. We then began a large-scale analysis of the pandemic response in the scientific and clinical research field to identify unmet needs. One early key takeaway from the analysis identified the importance of

keeping the public, local governments and other stakeholders informed of COVID-19 prevalence and disease spread in their communities. Another clear need was for identification of and robust clinical trial support for affordable early treatments, specifically for repurposed drugs for COVID-19. In the spring of 2020, we began making grants in this area.

As the reality of the global pandemic hit home, we tried to find ways to simplify our grant processes and increase flexibility amidst unprecedented times and an impossible-to-predict climate. We also partnered with community leaders and elected officials to find ways to solve tangible challenges like how to help essential workers find childcare or how to increase access to life-saving vaccines.

The devastating short- and long-term consequences of the COVID-19 pandemic will not be known for another generation, but at the time of this writing, there is reason for hope. American poverty levels are at the lowest point since estimates were first released in 1959, even as American education outcomes are the worst we've ever seen. The rise of virtual learning to reach rural and remote people, the use of mRNA technology to create effective COVID-19 vaccines and the proliferation of telehealth options are all advancements accelerated by the pandemic.

These pages are filled with examples of inspiring achievement even during the darkest days of the pandemic which challenge us to find ways to make the COVID-19 crisis an inflection point for greater progress and true transformation going forward.

### COVID-19 Funding

	2020 FUNDING
1DAY SOONER, INC. Towards expanding pandemic response and advocacy for challenge trial volunteers.	\$ 750,000
AB CHRISTIAN LEARNING CENTER Towards expanding pandemic response, including educational support for students.	\$ 100,000
ACH CHILD & FAMILY SERVICES  Towards a residential summer enrichment program.	\$ 13,800
AVANCE INC Towards a pilot literacy development partnership with Springboard Collaborative.	\$ 34,500
BOYS & GIRLS CLUBS OF GREATER TARRANT COUNTY, INC. Towards expanding pandemic response.	\$ 50,000
CATHOLIC CHARITIES OF FORT WORTH, INC. Towards expanding pandemic response.	\$ 50,000
CENTER FOR NONPROFIT MANAGEMENT (CNM) Towards scholarships for nonprofit training.	\$ 10,000
CHILD CARE ASSOCIATES  Towards child care recovery and resiliency.	\$ 50,000
CLAYTON CHILD CARE, INC. Towards expanding pandemic response.	\$ 25,000

# Local Prevalence Study at University of Texas Southwestern Medical Center Support / Texas Health Resources

To better characterize the prevalence of SARS-CoV2 (COVID-19) exposure and risk factors in the Dallas/Fort Worth metroplex (DFW), RCF supported a study that tested 21,000 people throughout Dallas and Tarrant counties encompassing all racial/ethnic, socioeconomic, and population compositions. This study assessed for both active and prior infections through a community and employer-based recruitment strategy. The study documented racial and socioeconomic disparities in COVID-19 prevalence in Dallas and Tarrant counties and identified associations between COVID-19 infection and behavioral risk factors. In addition, the study included a longitudinal cohort to estimate changes in the presence of antibodies in blood tests over time. Early information from these data suggested a demand for expanded interventions to mitigate the spread and morbidity of COVID-19 in certain communities. More Importantly, study leaders frequently provided updates to local government officials and key stakeholders to help inform their decision-making throughout the pandemic.

#### **KEY FINDINGS:**



**PERSONS WITH** RESOLVED **INFECTIONS** 



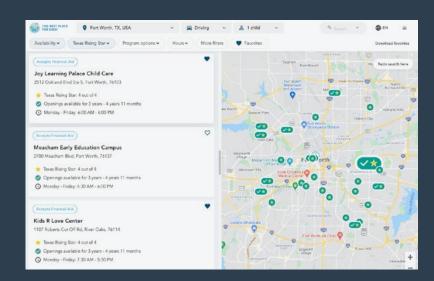
COVID+ **PERSONS REPORT NO SYMPTOMS** 



**EXPRESS** VACCINE **HESITANCY** 

### Find! Childcare

Throughout the pandemic, frontline workers continued to provide essential healthcare and basic needs services at great risk to themselves and their families. Many of these workers found themselves scrambling to find safe and caring places for their children while they went to work, as schools shuttered. To help solve this challenge, Tarrant County leaders launched the "Best Place for Kids!® Find!" childcare search website to easily connect essential workers with timely information about childcare vacancies. The Find! tool was launched in less than two weeks through a public-private partnership that included foundations, Workforce Solutions for Tarrant County, area nonprofits, higher education institutions and technology partners. In April of 2020, Texas expanded this tool as the Frontline Child Care Portal to provide similar childcare search opportunities to frontline workers throughout the state. Find! is now available to all Texas families looking for childcare.



	2020 FUNDING		2020 FUNDING
COMMUNITY FOOD BANK Towards food distribution and hunger relief efforts.	\$ 70,000	CORNERSTONE ASSISTANCE NETWORK INC Towards procurement of technology to facilitate remote learning for Fort Worth	\$ 48,000
COMMUNITY FRONTLINE Towards pandemic response in East Fort Worth.	\$ 25,000	Children's Partnership students.  CORNERSTONE ASSISTANCE NETWORK INC Towards expanding pandemic response.	\$ 100,000
COMMUNITY LEARNING CENTER  Towards virtual certification and employment services.	\$ 20,000	CORNERSTONE ASSISTANCE NETWORK INC Towards family outreach in partnership with the MHMR Porch Visiting project.	\$ 21,300
COMO LIONS HEART Towards pandemic response in the Como neighborhood.	\$ 10,000	CORNERSTONE ASSISTANCE NETWORK INC Towards procurement of PPE.	\$ 34,870

# Educational First Steps COVID-19 Child Care Relief Fund

When the pandemic hit, Educational First Steps (EFS) quickly reallocated RCF grant funds to launch the COVID-19 Child Care Relief Fund. This fund provided critical financial support for community childcare centers throughout the Dallas-Fort Worth metroplex. EFS leveraged the foundation's grant to raise additional funds and ultimately disbursed \$273,000 in emergency funds to 105 childcare centers. EFS' timely support helped childcare providers based in lower income communities weather the pandemic's economic costs during the period before federal funds were received. As a result of this reallocation, childcare centers were able to update their classrooms for COVID-19 compliance as they continued to provide quality safe early learning experiences for young children. EFS leadership also provided emotional support for childcare center owners by hosting virtual lunch meetings as a forum for learning and fellowship during a time that was rife with feelings of confusion and isolation.



COVID-19 Funding, Cont.	2020 FUNDING		
PALLAS AFTERSCHOOL  Towards virtual summer youth programming in partnership with For Oak Cliff.	\$ 25,000	LADDER ALLIANCE, INC. Towards expanding pandemic response.	\$
DUCATION PIONEERS, INC. owards COVID-19 Response Fellowship with	\$ 25,000	<b>LUMIN EDUCATION</b> Towards technology needed to support virtual learning.	\$
DUCATIONAL FIRST STEPS Towards Tarrant County early childhood	\$ 150,000	LVTRISE  Towards pandemic relief for families in West Fort Worth.	\$
programming and operations.  FAMILY PATHFINDERS OF		MHMR FOUNDATION  Towards early childhood respite services and a pilot porch visiting program for FWISD families.	\$
TARRANT COUNTY Towards emergency financial assistance and coaching for families.	\$ 25,000	MISSION ARLINGTON/MISSION METROPLEX  Towards food distribution and drive-through medical care for Arlington families.	\$
FORT WORTH NOW  Towards bolstering the City of Fort Worth's pandemic response framework to stabilize and revitalize local businesses.	\$ 50,000	MOMENTOUS INSTITUTE  Towards delivery of virtual training for FWISD teachers on social-emotional needs of students.	\$
FORTRESS YOUTH DEVELOPMENT CENTER INC Towards pandemic relief in the	\$ 25,000	<b>NEWDAY SERVICES FOR CHILDREN &amp; FAMILY</b> Towards expanding pandemic response.	\$
Morningside community.  HANDS OF MERCY OUTREACH CENTER	\$ 30,000	NORTH TEXAS COMMUNITY FOUNDATION Towards the Early Childhood Registry.	\$
Towards expanding pandemic response.  HOPE FARM  Towards relief for single mothers and	\$ 20,000	NORTH TEXAS COMMUNITY FOUNDATION  Towards maintaining capacity to inform and engage philanthropic stakeholders on critical pandemic response issues.	\$
their sons in Morningside, Como and Fair Park neighborhoods.		NORTHSIDE INTER-COMMUNITY AGENCY INC Towards expanding pandemic response.	\$



### North Texas Cares

At the onset of the pandemic, leaders from local community foundations, United Ways and private family foundations in North Texas decided to work together in an unprecedented way to rapidly deploy emergency funds to area nonprofits providing services to those most negatively affected by the pandemic. They created North Texas Cares, a collaborative that streamlines the funding process by using a common online grant application and a shared information portal. In addition to the application and portal, these funders met weekly to share information on emerging community needs and to learn from public agencies and research partners. Between April and July 2020, grants totaling over \$40 million were awarded to 630 area nonprofits by more than 30 foundations participating in North Texas Cares. Through this collaborative, RCF provided funding towards food security and other critical needs, distance learning, and targeted outreach to vulnerable populations such as veterans and those in the child welfare system.

RAINWATER CHARITABLE FOUNDATION

COVID-19 Funding, Cont.	2020 FUNDING			2020 FUNDING
SHAKEN BABY ALLIANCE	\$ 15,000	THE BOOT CAMPAIGN, INC.	\$	10,250
Towards expanding pandemic response.		Towards increasing the capacity of a veterans		
SPRINGBOARD COLLABORATIVE	\$ 40,500	health and wellness program.		
Towards pilot literacy development partnership		THE CONCILIO	\$	60,000
with AVANCE INC.		Towards expanding pandemic response.		
TEXAS CHRISTIAN UNIVERSITY	\$ 59,340	THE RISING STAR MISSIONARY BAPTIST CHURCH OF FORT WORTH TEXAS	Ś	10.000
Towards expanding pandemic		Towards expanding pandemic response.	\$	10,000
response research.		rowards expanding pandernic response.		
TEXAS EDUCATION AGENCY	\$ 20,000	TRUE LOVE SANCTUARY CHRIST HOLY		
Towards an Education Pioneers Fellowship		SANCTIFIED CHURCH	\$	10,000
dedicated to pandemic response.		Towards a pandemic response food drive.		

Early Treatment Screening at The Scripps Research Institute and Hit Validation Using 3D Lung Models at University of Southern California (USC)

With the goal of finding an FDA-proven safe drug that could be repurposed to treat COVID-19, RCF funds supported in part a large screen of the ReFRAME drug repurposing library established by Calibr in 2018 in collaboration with The Scripps Research Institute. After validation testing, researchers identified over a dozen existing drugs that could be used as potential therapies for COVID-19 to either treat or block SARS-CoV2 infection through anti-viral mechanisms. RCF also supported a lab at USC to validate in 3D lung organoid models several compound hits from the Scripps screen as well as a few additional repurposed compounds that were showing interesting data that suggested potential as an early-treatment for COVID-19. Altogether, findings from these studies will continue to inform clinical trial strategy moving forward.

# Leveraging Our Resources During COVID-19

RCF leveraged non-monetary resources such as staff capacity and community relationships to address critical needs early during the COVID-19 pandemic. RCF team members collaborated with United Way of Tarrant County, nonprofit leaders, local small business owners and county officials to procure and distribute personal protective equipment (PPE) among nonprofit partners and the communities they serve. Beyond funding for this and similar efforts, the foundation contributed staff time to support project management and communication, such as surveying nonprofits to confirm the demand for specific types of PPE. RCF partnered with other regional funders to sustain and extend this dialogue with nonprofits by developing additional nonprofit survey tools, analyzing their results, and reporting out to our philanthropic partners to ensure support was aligned with expressed needs. We deeply value the trusted relationships we have with our partners, and we were proud to leverage our network and invest our staff time to promote timely communication and cross-sector collaboration.



	2020 FUNDING
UNITED WAY OF TARRANT COUNTY  Towards maintaining capacity to inform and engage stakeholders on critical pandemic response issues.	\$ 150,700
UNIVERSITY OF MINNESOTA FOUNDATION Towards COVID-19 Research.	\$ 80,204
<b>VETSTARTS INC</b> Towards expanding pandemic response.	\$ 11,000
VOLUNTEERS OF AMERICA TEXAS, INC. Towards expanding pandemic response.	\$ 10,000
WHITEHOUSE ISD  Towards providing digital learning devices and PPE.	\$ 50,000
WORLD RELIEF Towards expanding pandemic support for refugee families in South Fort Worth.	\$ 20,000
YMCA OF METROPOLITAN FORT WORTH Towards expanding pandemic response.	\$ 25,000
Sum of COVID-19 Funding	\$ 2,771,333



# **Education Funding**

From its inception, the Rainwater Charitable Foundation has been committed to supporting children, with a fundamental belief that a high-quality education can transform the life trajectory of kids, families, and communities. Every child, irrespective of zip code, deserves educational opportunities that can accelerate positive development.

Over the last several years, our focus within education has been on expanding high-quality early learning seats, supporting effective school leadership programs, anchoring school support around coaching and instructional excellence, and scaling the number of high-achieving schools.

Before the COVID-19 pandemic, we witnessed many bright spots within classrooms and schools across the region, yet only modest improvement in academic achievement across districts. The pandemic exacerbated an alarming reality that we've seen in almost every analysis: children from the lowest income families have disproportionately lower outcomes, and these same children have had the most difficult time accessing both in-person learning or high-quality virtual alternatives during the pandemic.

Yet amid these challenges, the pandemic propelled organizations to work together in truly innovative ways. Because of the need for widespread remote learning, efforts were made to provide broadband access to families who didn't have it before – therefore extending learning opportunities and ways to connect with students. Academic and business communities are working together in novel ways to create clearer post-secondary pathways and opportunities for students. And because of Elementary and Secondary School Emergency Relief (ESSER) funding, public education has the opportunity to increase more resources to address needs before the pandemic, as well as those created by the pandemic. The coming months and semesters will be critical for children in underinvested neighborhoods, and we remain committed to working alongside organizations and communities to create positive change for all children.

# 2019 & 2020 Education Giving Summary

A	\$ 4,625,000	Charter Schools	Page 20
В	\$ 1,350,000	Collective Impact	Page 20
С	\$ 5,554,432	College and Career Readiness	Page 25
D	\$ 2,886,878	Early Childhood Education	Page 32
E	\$ 1,230,000	Family and Child Wellbeing	Page 34
F	\$ 1,396,843	Family Support / Engagement	Page 34
G	\$ 14,052,151	Fort Worth Children's Partnership	Page 38
н	\$ 4,336,580	Leadership Academies	Page 40
L	\$ 455,000	Other Education Funding	Page 41
J	\$ 2,500,000	Out-of-School Time & Literacy & Enrichment	Page 44
K	\$ 1,124,212	School Leadership	Page 48
L	\$ 1,906,300	Teacher Pipeline and Development	Page 49
М	\$ 2,616,047	Additional Education Funding	Page 50





### Charter Schools

# Collective Impact

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
IDEA PUBLIC SCHOOLS  Towards an expansion plan to launch 20 schools in Tarrant County by 2024.	\$ 1,000,000	1,000,000	COMMUNITIES FOUNDATION OF TEXAS, INC. Towards the Texas Impact Network.	\$ -	250,000
KIPP ST. LOUIS  Towards general operating support.	\$ -	25,000	THE COMMIT PARTNERSHIP  Towards analytics and data capacity to monitor educational outcomes for Fort Worth students.	\$ 350,000	250,000
UPLIFT EDUCATION  Towards Tarrant County expansion efforts of public schools that empower students to reach their highest potential in college and beyond.	\$ 1,850,000	750,000	THE COMMIT PARTNERSHIP  Towards initiatives in North Texas and across the state related to improving outcomes in PK-12 education and postsecondary pathways.	\$ 250,000	250,000
Sum of Charter Schools	\$ 2,850,000	1,775,000	Sum of Collective Impact	\$ 600,000	750,000

# **Uplift Education**

Uplift Education, founded by a group of parents who desired public school options outside of their local school districts, seeks to empower students to reach their full potential by taking a holistic approach to academic, social-emotional wellbeing, and development.

Uplift has opened 42 campuses across North Texas, leveraging support from the Rainwater Charitable Foundation to establish eight campuses in underserved communities in Fort Worth. Uplift's two newest campuses, Uplift Ascend Primary and Middle School and Uplift Elevate Primary and Middle School, collectively serve 1,754 students. In response to the COVID-19 pandemic, philanthropic support was coupled with internal capacity to provide students with summer learning materials to mitigate learning loss and drive academic achievement.



### IDEA Public Schools

In 2000 the first IDEA school (an acronym for "Individuals Dedicated to Excellence and Achievement") was granted a charter in Donna, Texas. The school was founded as a way to combat the major educational deficiencies the founders believed they witnessed in their students, focusing the program on student achievement and college readiness.

Today IDEA Public Schools serves nearly 75,000 students in 137 schools across Texas, Southern Louisiana, and Florida. IDEA believes that every child, irrespective of background, can go to and succeed in college. IDEA seeks to provide a rigorous academic experience to prepare students to fully realize their hopes and dreams. Since 2017, RCF has supported IDEA to launch three campuses in Tarrant County that will in time serve 1,924 students, with a fourth campus opened in Fall 2021. Ultimately IDEA Tarrant County seeks to serve 15,000 students across ten K–12 campuses within the next seven years. During the COVID-19 pandemic, external support coupled with internal capacity was utilized to provide blended learning opportunities for students to facilitate out-of-school learning, mitigate learning loss, and even accelerate academic achievement.

# The Commit Partnership

The Commit Partnership (Commit) is a collective impact organization composed of 200+ partners across Dallas County and the state of Texas. Together, Commit cultivates a collaborative educational ecosystem across school systems, higher education institutions, city, county, and state governments, foundations, nonprofits, employers, and workforce agencies.

Commit's work is organized through three initiatives:

- Early Matters Dallas, an effort to improve early childhood outcomes
- Best in Class, a coalition working to increase the number of effective, diverse educators equitably staffed in DFW
- **Dallas County Promise, a partnership to increase** postsecondary attainment aligned with workforce needs.

Since 2014, Rainwater Charitable Foundation has supported The Commit Partnership's initiatives in Dallas as well as efforts to expand the collective impact philosophy across Texas. RCF also partners with the Commit analytics group to regularly review aggregated academic achievement data to deepen our understanding of how funded programs are doing, which initiatives are ready to scale, and how best to serve students, teachers, nonprofit organizations, and families.

# Commit's Approach



data and engage with experts to inform action.



the community to achieve shared goals



the capabilities of the education system and stakeholders.

### The 11 Indicators

POSTSECONDARY COMPLETION

Percentage of 2013 high school graduates who

completed a two- or four-year degree within six years of high school graduation.

Percentage of Students Meeting Standards in 2019 **DALLAS & TEXAS** 

	THE TIME CALCULA	Dallas County	State of Texas	Dallas County Gap from Texas
Percentage of eligible 3- and 4-year olds enrolled in public Pre-K. Total number of Pre-K eligible students estimated based on number of first graders who were eligible for Pre-K.	PRE-K ENROLLMENT	50%	46%	+4
Percentage of Kindergarteners passing district assessments conducted within the first 60 days of the start of the school year.	KINDERGARTEN READINESS	60%	52%	+8
Percentage of students answering at least 76% of questions correctly on STAAR.	3RD GRADE READING	41%	43%	-2
Percentage of students answering at least 74% of questions correctly on STAAR.	4TH GRADE MATH	44%	46%	-2
Percentage of students answering at least 69% of questions correctly on STAAR.	8TH GRADE SCIENCE	44%	49%	-5
Percentage of students answering at least 63% of questions correctly on STAAR.	ALGEBRA I	63%	62%	+1
Percentage of 2018 high school graduates who took and scored at or above 1010 on the SAT, or 23 on the ACT.	COLLEGE READINESS*	25%	28%	-3
Percentage of 2014–2015 ninth (9th) grade cohorts who started and graduated high school within four years.	HIGH SCHOOL GRADUATION	88%	90%	-2
Percentage of 2018 high school graduates who enrolled in a higher education institution within one year of graduation.	POSTSECONDARY ENROLLMENT	62%	no data	n/a
Percentage of 2017 high school graduates who enrolled and then returned for a second year of higher education.	POSTSECONDARY PERSISTENCE	50%	no data	n/a

\*Previously, College Readiness measured the percentage of students who scored at or above 1180 on the SAT or 24 on the ACT. Now, students who score at or above 1010 on the SAT, or 23 on the ACT are considered meeting requirements.

29%

no data n/a



# College and Career Readiness

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
CATHOLIC CHARITIES OF FORT WORTH, INC. Towards the Stay the Course (STC) program focused on boosting college success at	\$ 75,000	75,000	NORTH TEXAS COMMUNITY FOUNDATION Towards scholarship support for HS(2)'s summer program.	\$ 21,000	21,000
Tarrant County College.  CORNERSTONE ASSISTANCE NETWORK INC Towards the Dream Big Determined Scholars program.	\$ 48,400	44,663	NORTH TEXAS COMMUNITY FOUNDATION Towards launching the Tarrant To & Through (T3) Partnership focused on boosting college and career success.	\$ 1,000,000	2,255,000
EDUCATION OPENS DOORS INC Towards expansion of Roadmap for Success college and career readiness program across FWISD middle schools.	\$ -	107,440	TEXAS CHRISTIAN UNIVERSITY  Towards adding 30 college and career advisors to FWISD high schools in conjunction with the Tarrant To & Through (T3) Partnership.	\$ -	1,544,929
FORT WORTH ISD (FWISD)  Towards supporting FWISD College and Career Readiness Resource Centers.	\$ 177,000	_	<b>TNACHIEVES</b> Towards general operating support for boosting college and career success.	\$ 20,000	-
FORT WORTH ISD (FWISD)  Towards supporting a College and Career Readiness Coordinator aligning with the Tarrant To & Through (T3) Partnership.	\$ -	100,000	UNITED NEGRO COLLEGE FUND, INC. Towards the Tarrant County Scholarship Endowment.	\$ -	\$15,000
GIRLS INC. OF TARRANT COUNTY  Towards supporting the College and Career Readiness mentoring program for FWISD high schools.	\$ -	50,000	Sum of College and Career Readiness	\$ 1,341,400	4,213,032

## Tarrant To & Through (T3) Partnership

Our economy, both locally and nationally, is at a critical inflection point. In North Texas, 65% of jobs currently require a post-secondary credential (higher education degree or technical certification) while only 39% of adults possess such a credential. On average, only 23% of eighth graders in Tarrant County are attaining a two-year credential or bachelor's degree from a Texas higher education institution within six years of graduating high school. For those who grow up at or near poverty, only 14% earn a post-secondary credential within six years of high school.

To address this issue, the Rainwater Charitable Foundation along with a group of key community leaders, set out to find leading practices in improving college and career success among students. The intent was to design an initiative unique to Tarrant County, while recognizing and building on the existing resources currently serving our students and families. Based on these learnings, the Tarrant To & Through Partnership (T3) launched in the Fall of 2020 to ensure more students graduate College, Career, and Military

Ready (CCMR), removing barriers to postsecondary pathways and empowering more students to persist in their postsecondary pathway of choice. The T3 Partnership is comprised of school districts, colleges, universities, employers, and organizations, and is anchored by a full-time backbone staff focused on serving schools with the highest needs and potential. Key partners include FWISD, Tarrant County College, and Texas Christian University College Advising Corps (TCU CAC).

T3 addresses four key gaps facing students and families in the current education to career pipeline.

	Closing the Information Gap	

Closing the Expectation Gap

Closing the Guidance Gap

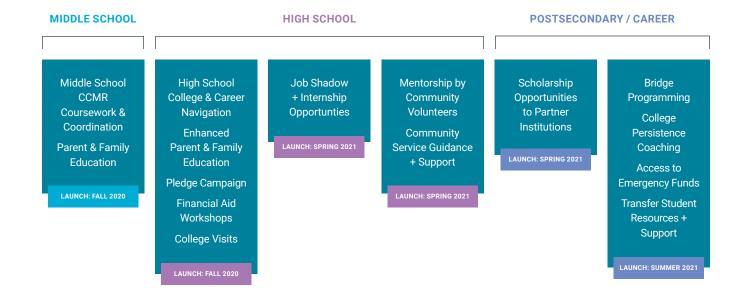
Closing the Financial Aid Gap One primary way that T3 seeks to address these gaps is by partnering with TCU College Advising Corps which places post-secondary navigators in high schools to provide one-on-one and small group advising to students and families. These advisors are near-peer students who have recently successfully made the transition from high school to college.

Key goals and metrics include:

- Increasing the number of students graduating college and career-ready
- Increasing the number of students enrolling in a postsecondary pathway
- Increasing the number of students earning a credential or degree
- Increasing the number of students entering the workforce

### **T3 Program Components**

Year One (2020-2021)



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# Dream Big Scholarships

In 2016, Richard's lifelong friend Morton Meyerson visited the Rainwater offices with a big idea. Armed with an article about promising students who had beaten the odds to win The New York Times' Scholarships competition, he asked why we couldn't create a similar scholarship for Fort Worth students. Thus, the Dream Big Scholarship program was born, in partnership with the Fort Worth Star Telegram and the Morton H. Meyerson Family Foundation. The Dream Big Determined Scholar Award is a scholarship program created to provide students who have overcome adversity with resources and opportunities to continue to excel in college and beyond.

The program was designed with a particular type of student in mind—a student who:

- Works hard at school, at home and in the community
- Persists in the face of obstacles
- Never allows circumstances to define them
- Has a clear, big vision for their future

Scholars receive personalized support for their college journey, including:

- ACT/SAT preparation workshops
- Monthly workshops during their senior year of high school related to college applications, financial aid, professional skills and personal development
- Scholarship funds up to \$20,000 over four years

The application process is open to juniors at Tarrant County public schools who have a demonstrated ability to overcome obstacles and a proven need for financial assistance. The online application portal is typically open annually during December and January, and selections are made in May. To get involved, or learn more, please visit: <u>DreamBigFortWorth.org</u>.

2019 & 2020 Dream Big Fort Worth Scholarship Winners



### **ROBERTO AGUILAR**

Arlington Heights High School (Class of 2020)

University of Iowa

"I am a determined scholar because I know success and prosperity is an internal process that requires the support of your friends and family, regardless of your origin."



### **MELANY RODRIGUEZ**

World Languages Institute (Class of 2020)

University of Texas

"I am a determined scholar because my dream is to go to college and make my family proud. I want to help others reach their goals."



#### MARTHA WILSON

South Hills High School (Class of 2020)

Texas Christian University

"I am a determined scholar because I work hard and always give my best effort. I find solutions whenever a problem arises and am not afraid to ask for guidance."



#### **JENNY FIERRO**

Arlington Heights High School (Class of 2020)

**Emory University** 

"I am a determined scholar because I have a strong desire for knowledge."

# 2019 & 2020 Dream Big Fort Worth Scholarship Winners



ISABELLA DIAZ Southwest High School (Class of 2020)

Texas A&M University

my story."

"I am a determined scholar because I want to make change in the world by giving



**ASHLEY HART** 

Arlington Heights High School (Class of 2020)

Texas Woman's University "I am a determined scholar

because I have faith in myself and know I can achieve many great things and help many people along the way."



### MARVIN GALDAMEZ

North Side High School (Class of 2021)

Stanford University

"I am a determined scholar because I believe that you can accomplish whatever you set your mind to regardless of the obstacles that get in your way."



### **LLUVIA GAUCIN**

North Side High School (Class of 2021)

University of Notre Dame

"I am a determined scholar because I believe that the only obstacle to success is yourself. Embracing the challenges in my life has helped me grow as both a person and a student."

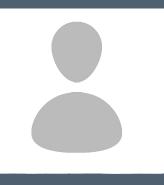


### **LESLEY OMENGE**

Sam Houston High School (Class of 2021)

University of Southern California

"I am a determined scholar because I want to use my experiences to serve others and give them an opportunity to have a voice of their own."



### **CECI DELGADO**

Southwest High School (Class of 2021)

Texas Tech University

"I'm a determined scholar because I want to succeed and be a better me than I was yesterday."



### **BRITTANY MCHENRY**

Arlington Heights High School (Class of 2021)

Massachusetts Institute of Technology

"I am a determined scholar because I channel lifelong challenges into lifelong goals, and I always take any opportunity to grow as a steppingstone to success."



### **BAE REH**

O.D. Wyatt High School (Class of 2021)

Texas Christian University "I am a determined scholar

because I want to prove that you can achieve anything despite the challenges and struggles you've faced."



#### **ANGEL HINOJOZA**

Polytechnic High School (Class of 2021)

University of Texas at Arlington

"I am a determined scholar because I want to study to be able to move my family forward and make them proud. I want to study to help make a positive difference in people's lives."



### **ANDREA TORRES**

World Languages Institute (Class of 2021)

University of Texas

"I am a determined scholar because I want to pursue further education in order to accomplish the goals I have in life."

# Early Childhood Education

	2019 FUNDING	2020 FUNDING
ADFW FAMILY CHILD CARE NETWORK Towards child care provider advocacy and leadership training.	\$ -	6,000
<b>CAMP FIRE FIRST TEXAS</b> Towards early childhood programming and operations.	\$ 200,000	150,000
<b>CENTER FOR TRANSFORMING LIVES</b> Towards Family Advocates and the Coalition for Homeless Children.	\$ 50,000	35,000
CHILD CARE ASSOCIATES  Towards the Texas Rising Star Boost project to improve quality in childcare centers with licensing deficiencies.	\$ 344,531	48,810
CHILD CARE ASSOCIATES  Towards excellence in comprehensive early education and development services.	\$ 110,000	100,000
<b>CHILD POVERTY ACTION LAB</b> Towards systems optimization for improving infant and toddler learning.	\$ -	100,000
<b>CHILDCAREGROUP</b> Towards the Dallas Early Education Alliance Providers Plus Program.	\$ -	21,000



# Texas Rising Star Boost

In 2018, RCF and local leaders (a group dubbed the Early Childhood Education Roundtable) came together to develop innovative publicprivate solutions that increase the number of children receiving quality-rated early learning experiences.

Through an organized coaching model, the success of the Texas Rising Star Boost program demonstrates the potential for sustainable change through public-private partnerships. Boost graduates not only became quality rated, but they also often entered the TRS system at higher levels and were less likely to lose their quality rating than their non-Boost counterparts.

In 2019, when the Workforce Commission was tasked with reevaluating the state's quality rating and improvement system for childcare, Boost served as an example of ways that the system could be modified to increase access to quality childcare. Texas Workforce Commission ultimately approved expanded access to TRS coaching for childcare providers that had previously been ineligible and cited the Boost program in their recommendations for this change.

2019 FUNDING	2020 FUNDING	
\$ -	75,000	OI To
\$ -	12,013	TI To Le
\$ 65,331	-	<b>TI</b> To Ch
\$ 341,000	-	TI To
\$ 50,000	50,000	T: To we
\$ 22,680	-	To — Si
\$ 25,000	25,000	A PROPERTY.
\$ 12,681	-	-
\$ 85,500	138,700	CONTRACT OF
\$ 153,000	117,712	Total Control
\$ \$ \$ \$ \$ \$	\$ - \$ 65,331 \$ 341,000 \$ 50,000 \$ 22,680 \$ 25,000 \$ 12,681 \$ 85,500	\$ - 75,000 \$ - 12,013 \$ 65,331 - \$ 341,000 - \$ 50,000 \$ 22,680 - \$ 12,681 - \$ 85,500 138,700

	 FUNDING	FUNDING			FUNDING	FUNDING
PREN AT RISK  ds statewide Prenatal to Three  orative work and advocacy.	\$ -	75,000	OUNCE OF PREVENTION FUND Towards a North Texas pilot of Early Ed Essentials Framework.	\$	200,000	-
ds appreciation for early childhood tors in Fort Worth.	\$ -	12,013	<b>TEXANS CARE FOR CHILDREN, INC.</b> Towards early childhood English Language Learner best practices and state policy work.	\$	15,000	-
ATIONAL FIRST STEPS ds project to increase enrollment in Rising Star program.	\$ 65,331	-	<b>THE DALLAS FOUNDATION</b> Towards Birth to Three Quality Childcare Partnership.	\$	-	100,000
ATIONAL FIRST STEPS ds Tarrant County early childhood mming and operations.	\$ 341,000	-	THE GATEHOUSE Towards education programming.	\$	25,000	_
<b>3YEARS</b> ds programs to educate, advocate, bllaborate to advance the healthy pment of infants and toddlers.	\$ 50,000	50,000	TSNE MISSIONWORKS  Towards the BUILD Initiative to advance state work on behalf of young children.  UNTHSC FOUNDATION	\$	- 7,920	200,000
WORTH ISD (FWISD) ds early childhood community rships.	\$ 22,680	-	Towards childcare landscape mapping.  Sum of Early Childhood Education	\$	1,707,643	1,179,235
RESS YOUTH DEVELOPMENT ER INC ds early childhood education mming.	\$ 25,000	25,000		ê		
FOUNDATION ds programs to accelerate language pment in children ages birth to three.	\$ 12,681	-				
H TEXAS COMMUNITY FOUNDATION ds the Best Place for Kids!® Program.	\$ 85,500	138,700			NO M	1
H TEXAS COMMUNITY FOUNDATION ds Early Learning Alliance operations.	\$ 153,000	117,712			<b>C</b>	AR

# Family and Child Wellbeing

# Family Support / Engagement

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
CASA OF TARRANT COUNTY, INC.  Towards recruitment efforts for volunteer advocates for children in the foster care system.	\$ 10,000	100,000	AVANCE INC Towards early childhood parent engagement programming in Fort Worth ISD.	\$ 123,000	123,000
CHILDREN'S ADVOCACY CENTER OF SMITH COUNTY Towards capital campaign for facility expansion.	\$ -	50,000	BACHMAN LAKE TOGETHER  Towards an early childhood collective impact initiative focused on kindergarten readiness.	\$ 50,000	25,000
PRESBYTERIAN NIGHT SHELTER Towards advocacy work in the Women and Children's program.	\$ 208,000	162,000	CHILDREN AT RISK Towards the Texas School Guide and state policy recommendations.	\$ 97,000	-
SAFE CITY COMMISSION DBA ONE SAFE PLACE Towards general operating support.	\$ 100,000	250,000	FORTRESS YOUTH DEVELOPMENT CENTER INC Towards the Parents LEAD program.	\$ 11,109	11,250
SAFEHAVEN OF TARRANT COUNTY Towards general operating support.	\$ 20,000	-	MHMR FOUNDATION Towards the Refugee Services Program, which	\$ 75,000	75,000
THE FAMILY PLACE Towards general operating support.	\$ 250,000	50,000	provides navigation, case management and crisis services to refugee families, especially within FWISD.		
WOMEN'S CENTER OF TARRANT COUNTY, INC. Towards general operating support.	\$ 10,000	20,000	NATIONAL CENTER FOR FAMILIES LEARNING Towards the Tarrant County Parent Leadership Institute.	\$ 94,038	95,320
Sum of Family and Child Wellbeing	\$ 598,000	632,000	NEWDAY SERVICES FOR CHILDREN & FAMILY Towards strategic planning and parent engagement.	\$ 11,000	11,250

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
SOUTHSIDE YOUTH ASSOCIATION  Towards the PASS program, which promotes increased family engagement, stronger	\$ 17,430	25,000	<b>THE CONCILIO</b> Towards Fort Worth ISD Parent Engagement Partnerships.	\$ 151,875	151,875
school-family relationships and home-based literacy supports.			<b>THE PARENTING CENTER</b> Towards prorgramming and operations.	\$ 64,048	55,548
STAND FOR CHILDREN	\$ 64,100	65,000			
Towards operations of the Parent-Teacher Home Visit Project at eight FWISD schools.			Sum of Family Support / Engagement	\$ 758,600	638,243

# Parent Leadership Institute

Parents are a child's first teachers and best advocates. Yet the education system, particularly the early learning system, can be challenging for parents and families to navigate, especially those from historically marginalized communities. The Early Learning Alliance (ELA) and the National Center on Family Learning (NCFL) recognized that to bring about change to systems that will benefit families, decision-making should include parents' voices. As a result, the first Tarrant County Parent Leadership Institute was launched in 2019 to empower parents through increased systems knowledge and opportunities for collaboration with nonprofit and public agency initiatives. The parent leadership program featured sessions on early childhood systems, asset mapping and public speaking. Parent groups worked on capstone projects that focused on resource sharing, water and transportation safety and services for children with special needs. The program continued throughout the pandemic as parents collaborated virtually to create a Parent Leader Advisory Council for the Early Learning Alliance and served as a community of support for each other. In addition, NCFL hosted workshops for various early learning community organizations to better prepare them to embrace and collaborate with parent leaders.



### Fort Worth Children's Partnership Instructional Coaching

The Fort Worth Children's Partnership (FWCP) is a collaborative effort between the Rainwater Charitable Foundation, Fort Worth ISD, and other community partners designed to improve student outcomes in the schools that are most in need of academic improvement. In 2019, RCF made a gift to the New Teacher Center (NTC) to continue support of a key strategy to raise academic achievement.

The New Teacher Center is an organization dedicated to improving student learning by focusing on teacher induction and coaching which has been proven to accelerate the effectiveness of teachers and school leaders. The grant to NTC made it possible to imbed over 30 instructional coaches in FWCP schools focused on supporting teachers through a robust professional development plan.

After the successful implementation of the NTC model during the 2018–2019 school year, FWISD made the strategic decision to invest additional dollars

and expand the NTC model across the entire school district for 2019–2020. This adoption by the district allowed for all instructional coaches in the district to learn and receive best-in-class professional development in supporting teachers. Based on a survey of FWISD teachers at the end of the school year, the teachers responded with an average score of 9.4 (scale of 1-10) regarding how likely they were to apply the learnings from their instructional coaches to their teaching practices.



As the FWCP continues to learn and evolve, we are grateful for the partnership with NTC and for FWISD's commitment to supporting teachers through the key levers of effective instructional coaching shown to positively impact student achievement:



Ongoing, professional learning to expose coaches and school leaders to best practices in instruction



In-field coaching providing immediate, on-the-job guidance and feedback for teachers



Professional learning communities to promote peer learning among coaches



**Evaluation and consultation to ensure fidelity** of implementation

RAINWATER CHARITABLE FOUNDATION

# Fort Worth Children's Partnership (FWCP)

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
BOTANICAL RESEARCH INSTITUTE OF TEXAS Towards STEM education for early learners and secondary students in Fort Worth ISD.	\$ 154,963	100,000	COWBOY SANTAS INC Towards a back-to-school fair in the Hillside- Morningside community.	\$ 4,480	-
BOYS & GIRLS CLUBS OF GREATER TARRANT COUNTY, INC.	\$ 146,500	140,546	<b>DIVERGE HOLISTIC YOUTH EMPOWERMENT</b> Towards an after-school mentoring and enrichment program at Morningside Elementary.	\$ 20,000	-
Towards after-school programming at Morningside Middle School.  COLLEGE GOLF FELLOWSHIP  Towards a partnership with First Tee Fort	\$ 25,000	-	EDUCATION OPENS DOORS INC Towards delivery of Roadmap for Success college and career readiness program at Jean McClung Middle School.	\$ 30,000	-
Worth in service to Fort Worth Children's Partnership schools.  COMMUNITIES IN SCHOOLS OF GREATER TARRANT COUNTY, INC.	\$ 348,000	363,000	FIRST TEE OF FORT WORTH  Towards supporting the life skills and character building program at Briscoe Elementary and a	\$ 250,000	250,000
Towards intensive case management for at-risk students at Fort Worth Children's Partnership schools.			capital campaign at Squaw Creek.  FORT WORTH ISD (FWISD)  Towards support for partner FWISD schools	\$ 6,340,133	1,654,602
CORNERSTONE ASSISTANCE NETWORK INC Towards family engagement and community- building activities at Fort Worth Children's Partnership schools.	\$ 209,000	206,800	including early learning supports, reading interventionists, behavioral interventionists, attendance incentive plans and staff capacity to support data analysis, community partnerships and district alignment.		
CORNERSTONE ASSISTANCE NETWORK INC Towards case management and financial coaching for families of Fort Worth Children's Partnership students.	\$ 300,000	430,000	FORT WORTH ISD (FWISD)  Towards a volunteer project remodeling T.A.  Sims Elementary School teachers' lounge.	\$ 19,242	-



	2019 FUNDING	2020 FUNDING
FORT WORTH MUSEUM OF SCIENCE AND HISTORY Towards hands-on STEM learning for students at FWCP schools.	\$ 85,425	75,000
HEAVENLY TOUCHED COMMUNITY CENTER Towards a back-to-school fair in the Hillside- Morningside community.	\$ -	7,550
HISTORIC SOUTHSIDE INC Towards programming to deliver water safety and swim lessons to FWISD students.	\$ 131,920	87,190
NORTH TEXAS COMMUNITY FOUNDATION Towards the Fort Worth Children's Partnership fund.	\$ 1,800,000	-
THE WELMAN PROJECT Towards program expansion to connect educators needing supplies with companies with surplus goods.	\$ 20,000	20,000
TRINITY HABITAT FOR HUMANITY Towards construction of new homes in the Hillside-Morningside neighborhood.	\$ 78,800	79,000
UNITED COMMUNITY CENTERS INC Towards summer literacy programming, including technical assistance for families virtually learning.	\$ 200,000	275,000
UNTHSC FOUNDATION  Towards the Pediatric Mobile Clinic, which increases healthcare access to Fort Worth children by bringing services directly to high risk populations.	\$ -	200,000
Sum of Fort Worth Children's Partnership	\$ 10,163,463	3,888,688

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# The Leadership Academy Network (LAN) Partnership

In 2018, the Fort Worth Independent School District (FWISD) created five leadership academy schools to transform these historically under-performing traditional elementary schools. The transformation model began with recruiting the best possible educators for students attending these struggling schools. By relentlessly focusing on strong leadership, additional instruction time, and after-school programming during the week, all five schools came off the Improvement Required list in Texas. In 2019, FWISD sought to take advantage of new state legislation (SB-1882) and partnered with Texas Wesleyan University to create the Leadership Academy Network. The partnership allowed the turnaround efforts to be sustained and also provided additional resources as well as operational autonomy for the LAN. Together they continued to drive academic excellence and social-emotional development to become incubators of innovation for FWISD. RCF is proud to support this ground-breaking partnership and the promising practices that have emerged from these and other SB-1882 schools. It is our hope that these schools' innovative practices will impact the lives of students and families around the nation.

#### **EDUCATION FUNDING**

# Leadership Academies

	2019 FUNDING	2020 FUNDING
BIG BROTHERS BIG SISTERS LONE STAR Towards a mentoring program for students at the Leadership Academy at John T. White Elementary.	\$ 25,000	-
CORNERSTONE ASSISTANCE NETWORK INC Towards community-building activities and family supports with the Leadership Academy Network.	\$ 70,598	195,200
ORT WORTH ISD (FWISD)  owards campus personnel and after-school rogramming within the Leadership cademy Network.	\$ 1,474,653	1,581,129
TEXAS WESLEYAN UNIVERSITY  Towards operational and strategic support of the Leadership Academy Network including professional development, student uniforms, and enrichment programs.	\$ 481,000	509,000
Sum of Leadership Academies	\$ 2,051,251	2,285,329

## Other Education Funding

program evaluation.

LEADERSHIP ISD

community in Tarrant County.

Towards programming to develop leaders and advocates for public education from the local

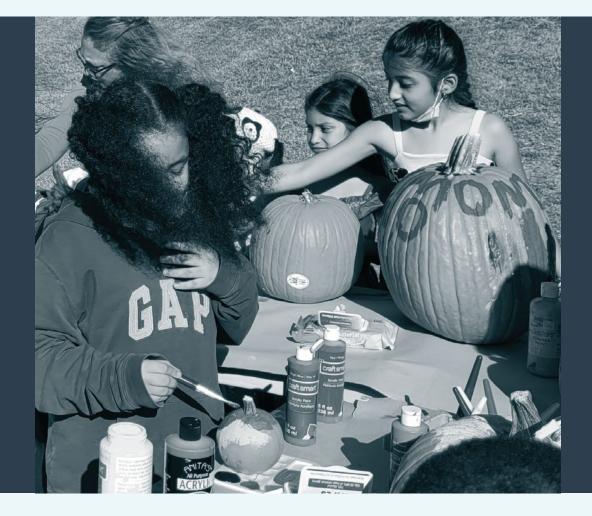
	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
BEST BUDDIES INTERNATIONAL, INC. Towards a peer mentoring program for students with intellectual and developmental disabilities in Fort Worth.	\$ 10,000	-	STRATEGIES TO ELEVATE PEOPLE OF COLOR Towards an entrepreneurship contest for FWISD students participating in My Brother's Keeper and My Sister's Keeper.	\$ -	25,000
CENTER FOR NONPROFIT MANAGEMENT (CNM) Towards CNM-Pact partnerships with Educational First Steps and Stand for Children.	\$ 20,000	-	TEEN LIFELINE, INC.  Towards school-based support groups to assist FWISD students with managing emotional stress, building relationships, and	\$ -	25,000
<b>COMMUNITIES FOUNDATION OF TEXAS, INC.</b> Towards operations, research and advocacy efforts of Philanthropy Advocates.	\$ -	20,000	making decisions.  THE COOPER INSTITUTE  Towards health and wellness outreach in	\$ 100,000	25,000
COMMUNITIES FOUNDATION OF TEXAS, INC. Towards annual membership in the Texas Education Grantmakers Advocacy Consortium.	\$ 5,000	-	Texas public school districts.  THE EDUCATION TRUST Towards the Education Equity Coalition.	\$ -	25,000
FORT WORTH ISD (FWISD)  Towards capacity in the FWISD Department of Accountability and Data Quality to support collaborative data analysis and	\$ -	100,000	Sum of Other Education Funding	\$ 185,000	270,000

RAINWATER CHARITABLE FOUNDATION

Fort Worth ISD
Family-Centric Schools

In Fall 2019, two Fort Worth ISD schools began implementing a set of practices designed to honor, connect, and offer shared decision-making with families. Informed by research conducted jointly by RCF and FWISD, Oakhurst Elementary and Eastern Hills Elementary embraced a "family-centric" school model, including the following components:

- Multiple, fulltime, family-focused staff, including a Family & Community Partnerships Manager to oversee family outreach and integrate family-focused programming and a Student Success Coordinator to review quantitative and qualitative data to inform holistic success plans for students.
- Dedicated space for family programming and relationship-building known as the Family Opportunity Center.
- Supportive staff practices, including:
  - Academic Parent-Teacher Teams a strategic supplement to traditional parent-teacher conferences with school-wide events, active participation by students, and data-informed conversations to help families support learning at home
  - More frequent, two-way communication between school staff and families including at least six positive contacts throughout the year, opportunities for dialogue with school leadership, and home visiting strategies.
- Programming that is responsive to stated family needs such as GED/ESL classes in partnership with Tarrant County College and dual-generation nonprofit programs such as AVANCE INC and Abriendo Puertas.



While the pandemic significantly disrupted the momentum from the first year of implementation, it also revealed the extent to which school staff built meaningful trust with families and stronger systems for outreach and communication.

Oakhurst and Eastern Hills Elementary Schools were well-positioned to offer support to families in 2020, as evidenced by the successful launch of a porch visiting program in partnership with MHMR and Read Fort Worth at both campuses. Family-centric practices contributed to measurable outcomes—preliminary data suggests that the negative impact of the pandemic on student attendance has been buffered at these schools relative to peer schools.

| | | | +

PARENTS
PARTICIPATED IN
GED/ESL CLASSES
TO-DATE

150 +

HOME VISITS IN 2019-2020 104

FAMILIES RECEIVED PORCH VISITS BEGINNING IN NOVEMBER 2020

4:

# Out-of-School Time & Literacy & Enrichment

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
AB CHRISTIAN LEARNING CENTER Towards the Freedom School program, a culturally relevant summer literacy, civic engagement and character development program serving children in Southeast Fort Worth.	\$ 70,000	85,000	FORT WORTH ISD (FWISD) IN-KIND - CORE 21 EDUCATION SERVICES  Towards curriculum development and teacher training for a virtual summer learning program in zip code 76105.	\$ -	20,000
BOYS & GIRLS CLUBS OF GREATER TARRANT COUNTY, INC.	\$ 20,000	20,000	<b>KIDS HOPE USA INC</b> Towards a one-on-one mentoring program at FWISD elementary schools.	\$ 20,000	_
Towards general operations via the Kathy Whitworth Invitational golf tournament.  BUILDING OPPORTUNITIES &			KIDS WHO CARE Towards capacity building through a	\$ 10,000	_
OPENING MINDS (BOOM)  Towards Freedom School summer literacy programming.	\$ 75,000	50,000	marketing project.  READ2WIN INC  Towards a one-on-one volunteer literacy	\$ 25,000	_
CLAYTON CHILD CARE, INC.  Towards strategic planning, staff training and curriculum implementation in support of social-emotional learning.	\$ 205,000	50,000	rogram at FWISD elementary schools.  READING PARTNERS  Towards supporting a one-on-one volunteer literacy program in FWISD and general operating support for Reading Partners national organization.	\$ 1,065,000	125,000

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
REDDY LEADERSHIP OUTREACH INC Towards a summer literacy enrichment program at Eastern Hills Elementary.	\$ 10,000	-	THE RISING STAR MISSIONARY BAPTIST CHURCH OF FORT WORTH TEXAS  Towards the Freedom School program,	\$ 20,000	-
<b>TEXAS ACADEMY 4</b> Towards one-on-one mentoring and leadership development program for FWISD 4th graders.	\$ 15,000	15,000	a culturally relevant summer literacy, civic engagement and character development program serving children in the Stop Six neighborhood.		
THE MENTORING ALLIANCE Towards a full-day summer camp for Tyler ISD students focused on academics and health.	\$ 200,000	-	TYLER JUNIOR GOLF FOUNDATION  Towards capital support for the creation of two new facilities.	\$ 200,000	200,000
			Sum of Out-of-School Time & Literacy & Enrichment	\$ 1,935,000	565,000

# Rose City Camps

The Mentoring Alliance's Rose City Summer camp seeks to combine fun and learning through a 10-week, full-day summer camp for kindergarten through 6th–grade students. By partnering with local school districts, the camps are held at school facilities which creates a cost-effective model, while also meeting the significant space needs of a summer camp serving several hundred students. Rose City Camps combine traditional summer camp workers who are often college students, with certified teachers from the local district to staff the program. The partnership with the school district also allows the camps to access academic data for students and then provide the appropriate academic supports for each student. Complementing the academic and character-building components of the curriculum, a wide variety of fun and engaging physical activities focuses on the health and wellness for students. RCF funding is critical to maintaining an affordable rate for families as the fees are based on individual family income.



RAINWATER CHARITABLE FOUNDATION



George W. Bush Institute School Leadership Initiative

Since 2016, RCF has supported the George W. Bush Institute School Leadership Initiative to improve how school districts prepare, recruit, support, and retain principals. The effort involved developing two well-researched frameworks, assembling a cohort of four districts to test the frameworks, and documenting findings to share with the broader field of education.

### **Key facets of the approach included:**

- Peer learning through multi-district, team-based convenings and expert coaching
- Customized strategy development to improve principal talent management (see framework at right). Some districts took a top-down approach and began by redefining the role of the principal supervisor and other central office capacities. Others took a pipeline approach and began with an overhaul of principal preparation, recruitment, and selection.
- An Effective Implementation framework to advise districts on practical actions needed to change systems and processes, recognizing that a strategy is only as good as the implementation practices that support it



### **Participating Districts:**

- Fort Worth ISD (Fort Worth, TX)
- Austin ISD (Austin, TX)
- Chesterfield County Public Schools (Richmond, VA)
- Granite School District (Salt Lake City, UT)

# School Leadership

	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
CHICAGO PUBLIC EDUCATION FUND Towards sponsorship of a Forum on School Leadership, bringing together national thought leaders on principal quality and development.	\$ 11,012	-	TEACH FOR AMERICA, INC. Towards the 2019 School Leaders of Color Conference. TEACHING TRUST	\$ 50,000 250,000	-
COMMUNITIES FOUNDATION OF TEXAS, INC. Towards a multi-district working group on school leadership.	\$ 50,000	-	Towards general operations of leadership development programs including a principal preparation program and leadership teams program.		
COMMUNITIES FOUNDATION OF TEXAS, INC. Towards a community of practice on school leadership in Texas.	\$ 3,000	_	THE GEORGE W. BUSH FOUNDATION Towards intensive consulting and coaching	\$ 150,000	100,000
FORT WORTH ISD (FWISD)  Towards programs to support principal quality and leadership development, including a peer	\$ 27,200	200,000	with four school districts currently implementing the Institute's principal talent management framework.		
coaching program for new principals and support for lead principals in FWISD pyramids.			UNIVERSITY OF NORTH TEXAS AT DALLAS FOUNDATION	\$ 75,000	80,000
INSTRUCTION PARTNERS  Towards implementation of partnerships with  Tarrant County school districts to strengthen and accelerate classroom instruction.	\$ 40,000	88,000	Towards the Principal Impact Collaborative, which provides professional development for a cohort of regional principals focused on design thinking, well-being and resilience.		
			Sum of School Leadership	\$ 656,212	468,000



# Teacher Pipeline and Development

	2019 FUNDING	2020 FUNDING
FORT WORTH EDUCATION PARTNERSHIP INC Towards implementation of the Opportunity Culture model for teacher development in partnership with Public Impact, FWISD and Tarleton State University.	\$ _	210,000
FORT WORTH ISD (FWISD)  Towards stipends for timely and complete participation in FWISD Reading Academies: a new professional development offering for elementary teachers.	\$ _	250,000
NEW TEACHER CENTER  Towards supporting Fort Worth Children's Partnership instructional coaches through professional development and training.	\$ 696,300	-
<b>RELAY GRADUATE SCHOOL OF EDUCATION</b> Towards a teacher residency program in Tarrant County.	\$ 100,000	100,000
<b>TEACH FOR AMERICA, INC.</b> Towards support of TFA Corps teachers in Fort Worth schools.	\$ 300,000	250,000
Sum of Teacher Pipeline and Development	\$ 1,096,300	810,000

# Additional Education Funding

	2019 FUNDING	2020 FUNDING			2019 FUNDING	2020 FUNDING
BULLARD ISD  Towards the Summer LEAP Literacy Program and Capturing Kids' Hearts Emotional Learning Program.	\$ 103,000	-	IRMA LERMA RANGEL YOUNG WOMEN'S LEADERSHIP SCHOOL  Towards transforming learning spaces to promote collaboration and support diverse learning styles.	\$	50,000	-
CORNERSTONE ASSISTANCE NETWORK INC Towards family engagement activities at Eastern Hills and Oakhurst elementary schools.	\$ 17,600	42,000	MOMENTOUS INSTITUTE Towards the Momentous Institute's Changing the Odds Conference.	\$	25,000	-
<b>EMPOWER SCHOOLS INC</b> Towards support of the Leadership Academy Network and development of new partnerships in North Texas.	\$ 5,000	50,000	NANTUCKET LIGHTHOUSE SCHOOL INC Towards general operating support.  NANTUCKET PARTNERSHIP FOR	\$	10,000	10,000
FORT WORTH ISD (FWISD)  Towards dedicated staffing and programs to implement best practices in family engagement at Eastern Hills and Oakhurst	\$ 682,750	295,200	CHILDREN, INC. Towards Nantucket New School general operations.  NEW KEY SCHOOL INC	\$	10,000 750,000	10,000
elementary schools.  FOUNDATION FOR THE YOUNG WOMEN'S			Towards the capital campaign.  THE NEW TEACHER PROJECT, INC	\$	36,097	_
LEADERSHIP ACADEMY OF FORT WORTH Towards the YWLA college readiness and completion efforts.	\$ 10,000	-	Towards implementing focus groups and qualitative research to assess the strengths and needs of families at Oakhurst and Eastern Hills elementary schools.	,		

Towards scholarships for students from low- income households.  WESTED  Towards training for teachers at Oakhurst and Eastern Hills elementary schools to implement Academic Parent-Teacher Teams (APTT).  WHITEHOUSE ISD  \$ Towards academic supports for Stanton Smith	25,877,165	18.156.277
Towards scholarships for students from low-income households.  WESTED  S  Towards training for teachers at Oakhurst and Eastern Hills elementary schools to implement Academic Parent-Teacher Teams (APTT).	1,934,297	681,750
Towards scholarships for students from low-income households.  WESTED \$ Towards training for teachers at Oakhurst and Eastern Hills elementary schools to implement	200,000	200,000
TRINITY VALLEY SCHOOL \$ Towards scholarships for students from low-income households.	24,850	74,550
	10,000	_
	2019 FUNDING	2020 FUNDING





# Medical Research Funding

Despite a brief pause in research during the first months of the COVID-19 pandemic, the momentum of tauopathy research continues with greater connectivity throughout the field than ever before.

In partnership with the Alzheimer's Association and CurePSP in early 2020, RCF co-hosted the inaugural Tau Global Conference, an open symposium which attracted over 600 scientists, drug developers and funders from around the world. At the conference, the first Rainwater Prizes were conferred to two scientists in recognition of their outstanding contributions to the study of neurodegeneration. We are currently working with our partners to organize a second Tau Global Conference to be held in 2022.

New research partnerships were also formed in 2019 and 2020, including the Multi-Partner Consortium for Dementia Research in Latin America and a new round of PIPETTE grants (Philanthropic Investments in PET TracEr) funded jointly with the Michael J. Fox Foundation. As summarized in this report, other notable scientific achievements have been made thanks to the collaborative efforts of many of our funded scientists.

Additional alliances during the past two years have resulted in more translational research to advance treatments and therapies toward the clinic. The foundation formed a new partnership with The Alborada Drug Discovery Institute at Cambridge University to support our growing drug discovery portfolio, with more initiatives like this planned in the coming years. A new round of Tau Pipeline Enabling (T-PEP) grants awarded with the Alzheimer's Association resulted in the funding of eight new programs aimed at accelerating translation of new potential therapies.

After twelve years and more than \$145 million invested, RCF remains committed to funding novel basic research, drug discovery and clinical trials. In addition, RCF is creating tools and infrastructure to enable researchers to advance their neurodegenerative disease programs. We continue to work with patient advocacy groups, the U.S. Food and Drug Administration (FDA), other funders, and pharmaceutical companies to advance treatments for patients and families affected by tauopathies.

# What is Tau and why focus on Tauopathies?

The tau protein is present in the brains of healthy people, but its abnormal accumulation is associated with the development and progression of Alzheimer's Disease (AD), Progressive Supranuclear Palsy (PSP), Chronic Traumatic Encephalopathy (CTE), and more than twenty other serious neurodegenerative diseases.

Collectively, these diseases are called "tauopathies". Pure tauopathies (e.g., PSP) are diseases where abnormal tau seems to be the primary pathology, while in secondary tauopathies (e.g., Alzheimer's), there may be other proteins that are aggregating in addition to tau.

As part of normal biological function, proteins in the body fold into different shapes to perform specific tasks. When these proteins are no longer needed, they are broken down and recycled by the cell. In many neurodegenerative diseases, mutations and other cellular events alter the normal folding process, and the misfolded proteins begin to accumulate. The accumulation of tau is

thought to disrupt normal cellular function and lead to the dysfunction and death of neurons.

Due to its misfolded state being a consistent component of so many incurable neurodegenerative diseases, studying and potentially targeting tau dysfunction is an important focus for the development of new treatments in this field. Progressive Supranuclear Palsy is a relatively rare disease, but because it is a pure tauopathy, many scientists believe finding treatments for PSP may be an important step to curing a wide range of other neurodegenerative diseases.



### The Tau Consortium

The Tau Consortium is an innovative medical research program that was launched in 2009 by the Rainwater Charitable Foundation. The Consortium currently consists of approximately 46 funded researchers at 25 prestigious academic research institutions.

These scientists work to make discoveries to understand everything from the biology of tau's normal function to its dysfunction in aging and disease. The Consortium also helps academic researchers translate their discoveries into novel therapeutics for tauopathies. Integral to the Tau Consortium philosophy is collaboration—members must work with each other and with external partners with the aim of accelerating their progress.

Major advances have consistently been achieved using this model. During the early years of the Tau Consortium, our funded researchers have identified a key risk gene involved in tauopathies, discovered radically new disease mechanisms, and developed stem cell and other relevant models to enable drug discovery efforts. So far, we've contributed to eight programs which have put treatments into clinical trials and have a growing list of over two dozen more programs in the pipeline. Increasingly, the Tau Consortium is internationally recognized as a leader in the field. The following pages highlight the various research projects taking place around the world.

### 2019 & 2020 Medical Research Giving Summary

A	\$ 237,985	TCIM Meetings	Page 57
В	\$ 6,055,000	Clinical Trials & Biomarkers	Page 62
С	\$ 10,266,819	Drug Discovery & Translation	Page 66
D	\$ 2,173,419	Tau-Pipeline Enabling Program (T-PEP)	Page 70
E	\$ 7,346,000	Mechanisms & Models	Page 73
F	\$ 2,025,000	PET Imaging	Page 75
		Tau Global Conference	Page 77



### Tau Consortium Investigators' Meetings (TCIM)

As 2019 marked the tenth anniversary of the Tau Consortium's founding, our group of funded investigators, lab fellows, nonprofit partners and agency partners convened in San Diego to share recent findings and discuss critical developments in the field.

Special presentations included sessions about mouse models in frontotemporal dementia (FTD), CRISPR for tauopathies, and DNA drug therapy for ALS/FTD. The gathering also included the Tau Consortium's first poster session to highlight the work of the next generation of tau researchers, during which more than 30 fellows presented their methods and outcomes to the meeting's participants. A special commemoration was hosted by the trustees, which included a bay cruise reception for all the funded investigators, lab fellows, and nonprofit partners.

The year 2020 kicked off with a full week of meetings and events in Washington, D.C., beginning with a one-day, focused TCIM meeting with special topics that included innovations in tau models, clinical perspectives on cohorts and

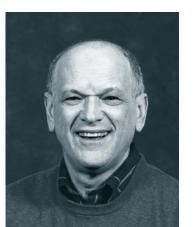
biomarkers, drug discovery, and PET imaging. This agenda served as a strong platform to spotlight the investigators' latest findings before the group took part in the Tau 2020 Global Conference, which was organized in partnership with the Alzheimer's Association and CurePSP.

In response to the COVID-19 pandemic, the Tau Consortium organized its second convening in 2020 as a virtual meeting with more than 240 participants joining to learn about the latest work of the stem cell, drug discovery, and clinical readiness groups. Highlight lectures by Michael Heneka, PhD and Sjors Scheres, PhD presented their innovative studies of NLRP3 Inflammasome Activation and Cryo-EM Structures of Tau Filaments (respectively).

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The Tau Consortium Scientific Advisory Board

We'd like to offer special thanks to our Tau Consortium **Scientific Advisory Board members:** research leaders from around the world who help to guide our scientific research and strategic initiatives.



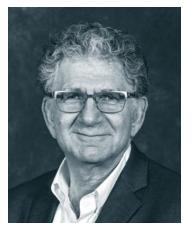




James E. Audia, PhD currently serves as the Executive Director of the Chicago Biomedical Consortium. He is the former Chief Scientific Officer of Constellation Pharmaceuticals, where he continues to serve as a board member. Earlier in his career, Dr. Audia spent more than 20 years at Eli Lilly, where he was named a Distinguished Lilly Scholar (the highest rung on the company's scientific ladder). He joined the Tau Consortium's Scientific Advisory Board in 2014.



Bradley F. Boeve, MD serves as Professor of Neurology and Director of the Division of Behavioral Neurology at the Mayo Clinic in Rochester, Minnesota. He is a recognized expert in sleep medicine and non-Alzheimer's degenerative dementias, and the Co-Director of the Clinical Core of Mayo's Alzheimer's Disease Research Center. Dr. Boeve has been a member of the Tau Consortium's Scientific Advisory Board since 2012.



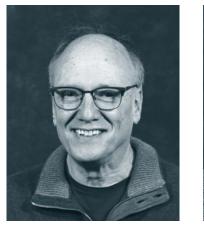
Howard Feldman, MD. **FRCP** is a Professor of Neurosciences at the University of California, San Diego. He is the current Director of the Alzheimer's Disease Cooperative Study (ADCS) and former Therapeutic Area Head for Neuroscience Global Clinical Research at Bristol-Myers Squibb. Dr. Feldman has been a member of the Tau Consortium's Scientific Advisory Board since 2015.



Kenneth S. Kosik, MD is the Harriman Professor of Neuroscience Research and Co-Director of the Neuroscience Research Institute at the University of California, Santa Barbara. Dr. Kosik was one of the field's earliest pioneers in the investigation of the tau protein. He is the founding Co-Director of the Tau Consortium and transitioned to the Scientific Advisory Board in 2018.



Patrick C. May, PhD is President of ADvantage Neuroscience Consulting, LLC. He previously spent 25 years at Eli Lilly, where he retired as a Senior Research Fellow in the Neuroscience Discovery Research area. Dr. May joined the Tau Consortium's Scientific Advisory Board in 2016.



Bruce L. Miller, MD is the Distinguished Professor of Neurology and Director of the Memory and Aging Center at the University of California, San Francisco. He is also the Director of the Global Brain Health Institute. Dr. Miller is widely recognized as one of the world's leading authorities in frontotemporal dementia research and patient care. He is the founding Co-Director of the Tau Consortium and transitioned to the Scientific Advisory Board in 2018.



in 2018.

Maria Grazia Spillantini, PhD **Hui Zheng, PhD** is the is Professor of Molecular Director of the Huffington Center on Aging at the Baylor Neurology at the University College of Medicine, where of Cambridge in the United Kingdom. An elected Fellow she also holds multiple of The Royal Society, she appointments as a Professor of Genetics, Molecular/ is credited with many important discoveries in the Cellular/Developmental understanding of Parkinson's Biology, and Neuroscience. She is a leader in the field disease, dementia with Lewy bodies, and frontotemporal of Alzheimer's Disease research. Dr. Zheng joined the dementia. Dr. Spillantini joined the Tau Consortium's Tau Consortium's Scientific Scientific Advisory Board Advisory Board in 2018.



### Tau Consortium Fellows

The Tau Consortium Fellowship Program was organized to recognize the important contributions that post-doctoral students and lab members make towards the accomplishments of the group's funded investigators. TC Fellows get an opportunity to take part in the bi-annual meetings, interact with and learn from the leading tau researchers in the field. 2019 marked the first of the fellows' bi-annual poster sessions, during which these young researchers present their work to TC participants.

We congratulate all the fellows who participated in the 2019-2020 meetings and poster sessions.



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CAROLINA ALOUEZAR BURILLO. PHD University of California, San Francisco

TAYLOR ARHAR, PHD

University of California, San Francisco

NICHOLAS BARTHÉLEMY, PHD

Washington University in St. Louis

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Boston Children's Hospital/ Harvard Medical School

MATHIEU BOURDENX, PHD

Albert Einstein College of Medicine, New York

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Icahn School of Medicine at Mount Sinai. New York

**JESSE BROWN. PHD** 

University of California, San Francisco

DAVID BUTLER, PHD

Neural Stem Cell Institute

JONATHAN CHEN. PHD

The Scripps Research Institute

XIAOYING CHEN, PHD

Washington University in St. Louis

MARCUS CHIN, MPHIL

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UCSF Global Brain Health Fellow. San Francisco

**GABBE ZUNIGA, MD/PHD STUDENT** 

UT Health Science Center at San Antonio

RAINWATER CHARITABLE FOUNDATION

#### MEDICAL RESEARCH FUNDING

### Clinical Trials and Biomarkers

FTD DISORDERS REGISTRY LLC Researcher: Dianna Wheaton, PhD FTD Disorders Registry.

**ICAHN SCHOOL OF MEDICINE AT** MOUNT SINAI

Researcher: John Crary, MD, PhD Identifying Early Cellular and Molecular Phenotypes in Tauopathies.

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Researcher: John Crarv. MD. PhD Post mortem diagnosis of tauopathy

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Researcher: John Crary, MD, PhD

Neuroanatomical mapping of regional vulnerability to tauopathy using deep machine learning.

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Researcher: John Crary, MD, PhD FTD Multi-Site Tissue Core.

MAYO CLINIC JACKSONVILLE Researcher: Dennis Dickson, MD

Neuropathology and Brain Banking of PSP, CBD and Related Disorders.

REGENTS OF THE UNIVERSITY OF CALIFORNIA. SAN FRANCISCO

Researcher: Adam Boxer, MD

Pilot study with novel smartphone application for remote data collection from asymptomatic MAPT mutation carriers and other tauopathy patients.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Researcher: Adam Boxer, MD

Blood Biomarkers for Tauopathies.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Researcher: Lea Grinberg, MD, PhD Updating the neuropathological criteria for PSP.

REGENTS OF THE UNIVERSITY OF

Researcher: Lea Grinberg, MD, PhD

Neuronal basis of circadian rhythm dysfunction in tauopathies

CALIFORNIA, SAN FRANCISCO

# Multi-partner Consortium to Expand Dementia Research in Latin America

Katherine Possin, PhD is leading a team of international scientists in an effort to improve dementia characterization and identify novel inroads to treat neurodegeneration in diverse and underserved populations as part of The Multi-Partner Consortium to Expand Dementia Research in Latin America (ReDLat).

Dr. Possin's team is collecting neuroimaging, genomic, and behavioral data on 4,200 individuals from Argentina, Brazil, Chile, Colombia, Mexico, Peru, and the United States, to broaden understanding of the genetic and environmental setting of frontotemporal dementia and Alzheimer's Disease around the world. The project constitutes an unprecedented opportunity to foster regional synergy and multidisciplinary research to understand dementia in diverse and underserved populations around the world.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: Lea Grinberg, MD, PhD

Search for novel drug targets for sleep/wake disorders in tauopathy by combining gene expression analysis with high anatomical precision in human postmortem tissue.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Researcher: Suzee Lee, MD

Defining trajectories of neuroimaging biomarkers in MAPT mutation carriers.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: Thomas Neylan, MD

Sleep and Tau in CBS and CTE.

REGENTS OF THE UNIVERSITY OF CALIFORNIA. SAN FRANCISCO

Researcher: Katherine Possin, PhD

Multi-partner Consortium to expand Dementia Research in Latin America (ReDLat)

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Researcher: William Seeley, MD

Network Imaging Biomarkers for Frontotemporal Dementia and Related Disorders.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: William Seeley, MD

Tau Consortium Neuropathology Core.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: William Seeley, MD

FTD Multi-Site Tissue Core.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Researcher: Jennifer Yokoyama, PhD

Data Sharing to Promote Collaboration and Discovery in FTD.

**REGENTS OF THE UNIVERSITY OF** CALIFORNIA, SAN FRANCISCO

Researcher: Jennifer Yokoyama, PhD

Peripheral gene expression signatures that predict tauopathy.

**WASHINGTON UNIVERSITY IN ST. LOUIS** Researcher: Randall Bateman, MD

Profiling CSF Tau Isoforms in Non-AD Tauopathies for Novel Biomarkers.

**WASHINGTON UNIVERSITY IN ST. LOUIS** Researcher: Randall Bateman, MD

Human CNS Tau Kenetics in Tauopathies.



Dr. Kosik Granted Patent for the Use of Lonafarnib

Strategic protection of intellectual property is a crucial part of the support that Tau Consortium drug discovery investigators receive.

The RCF team works closely with intellectual property experts to help craft program-specific strategies that balance the collaborative nature of the consortium work with necessary protection of drug discovery assets to encourage further investment and partnerships with pharmaceutical companies.

The Global Patent Group, LLC brings critical expertise in intellectual property protection and due-diligence and end-to-end patent and portfolio development. This expertise can help guide Tau Consortium academic programs and in-house academic intellectual property experts with bespoke, program-specific strategies.

This intellectual property support enabled **Kenneth S. Kosik, MD**, Tau Consortium Scientific Advisory Board Member and Co-Director of the Neuroscience Research Institute at the University of California, Santa Barbara, to obtain a patent for the use of Lonafarnib for the treatment of tauopathies and other neurodegenerative diseases in 2020. Dr Kosik has shown that inhibition of the enzyme farnesyltransferase by Lonafarnib reduces tau pathology in models of tauopathies. The Global Patent Group supported UC Santa Barbara's patent attorney and Dr. Kosik in providing the patent examiner with critical evidence and expert opinion resulting in the grant of this patent.

New Tauopathies Biobanking Initiative

CurePSP, Association for Frontotemporal Dementia (AFTD) and RCF have joined together to support an initiative to establish a federated network of brain banks that will enable increased access to tissue samples for researchers as they work to make discoveries and bring effective treatments to patients with tauopathies like frontotemporal dementia (FTD) and progressive supranuclear palsy (PSP).



"Despite substantial efforts within the neuropathology community, there remains an unmet need for centralized, streamlined, and efficient access to high-quality and well-characterized tissue samples from patients with FTD spectrum disease," said Dr. William Seeley, Professor of Neurology and Pathology at the University of California San Francisco and lead scientist driving the collaboration. "Efforts to meet this need will require the sustained engagement, expertise, and material resources of FTLD-specialized brain banks."

The four biobanks that have come together for this initiative include the Ichan School of Medicine at Mount Sinai, led by **Dr. John Crary**; Boston University School of Medicine, led by **Dr. Ann McKee**; Mayo Clinic, Jacksonville, FL, led by **Dr. Dennis Dickson**; and the University of California San Francisco, led by **Drs. William Seeley and Lea Grinberg**.

#### MEDICAL RESEARCH FUNDING

# Drug Discovery & Translation

#### ALBERT EINSTEIN COLLEGE OF MEDICINE Researcher: Ana Maria Cuervo, MD, PhD

Small molecule activation of chaperonemediated autophagy through targeting the RAR/NCoR complex.

#### ALZHEIMER'S RESEARCH U.K. Researcher: David Rubinsztein, MD, ChB, BSc (Med), PhD

Repurposing drugs for tauopathies.

#### ALZHEIMER'S RESEARCH U.K. Researcher: David Rubinsztein, MD, ChB, BSc (Med), PhD

Autophagy targets for tau lowering.

# BRIGHAM AND WOMEN'S HOSPITAL, INC. Researcher: Anna Krichevsky, PhD

miR-132 neuroprotection for tauopathies.

# CHARLES RIVER DISCOVERY RESEARCH SERVICES UK LTD.

#### Researcher: Matthew Disney. PhD

Small Molecule Modulators of MAPT Pre-MRNA Splicing.

### CURE NETWORK DOLBY ACCELERATION PARTNERS LLC

#### Researcher: Lennart Mucke, MD

Development of Small-Molecule Tau-Lowering Drugs to Treat Tauopathies.

#### JOAN AND SANFORD I. WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY Researcher: Li Gan. PhD

Developing Biomarkers and Vectorized Immunotherapy Targeting Acetylated Tau.

#### MASSACHUSETTS GENERAL HOSPITAL Researcher: Stephen Haggarty, PhD

Advancing a Human Stem Cell-Based Platform to Support Discovery of Tauopathy Therapeutics.

#### MASSACHUSETTS GENERAL HOSPITAL Researcher: Stephen Haggarty, PhD

Expanding Targeted Protein Degradation Strategies for Tauopathy: TPD for TAU.

#### NORTHWESTERN UNIVERSITY

#### Researcher: Richard Morimoto. PhD

Drug Discovery to Ameliorate Proteostasis Failure in Tauopathies.

### REGENERATIVE RESEARCH FOUNDATION

Researcher: Sally Temple, PhD

Development of tau-lowering intrabodies.

# REGENERATIVE RESEARCH FOUNDATION Researcher: Sally Temple, PhD

Targeted Degradation of Intracellular Tau.

# REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

#### Researcher: Michelle Arkin, PhD

Chemical biology approach to validating the role of caspase-6 in tauopathy.

# RAINWATER Charitable Foundation



### Leveraging the Science Exchange

Often the drug discovery and development process requires studies to be outsourced to contract research organizations (CROs) with specific expertise. In 2020, RCF entered into an agreement with Science Exchange, Inc., an extensive online marketplace of CRO service providers, to enable Tau Consortium investigators access to expanded research and development services.

This partnership gives funded investigators access to more than 2,500 CROs that provide services from early discovery through clinical development. More important, any new organization or CRO that TC members want to work with can be readily added to the marketplace under a single agreement, saving time and cost-of-contract negotiations.



### Dr. Judith Steen

Tau protein changes form over time, so one drug may not be enough. **Judith Steen, PhD** (Boston Children's Hospital) and her colleagues have reported that pathological tau changes its form as neurodegeneration progresses, which suggests that it could take multiple drugs (a cocktail) to target each of these forms in order to halt the disease. Dr. Steen's team found that tau undergoes a series of post-translational, chemical modifications in a stepwise process that correlates with disease state and severity, with step one being the addition of a single phosphate to tau. Dr. Steen's paper was published in *Cell* in November 2020.

Paper Citation: "Quantitative PTM Maps of Human Pathologic Tau Identify Patient Heterogeneity and Define Critical Steps in Alzheimer's Disease Progression" (Cell 2020)

#### REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: Michelle Arkin, PhD

Provide Continuity of Support for the Tau Consortium Drug Discovery Portfolio.

# REGENTS OF THE UNIVERSITY OF CALIFORNIA. SAN FRANCISCO

Researcher: Jason Gestwicki, PhD
Peptide-based proteasome activators.

REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: Jason Gestwicki. PhD

Biophysics Platform for Targeting Tau Prions.

#### REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: Jason Gestwicki. PhD

Understanding How "Damaged" Tau is Cleared by the Molecular Chaperone Network.

#### REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO Researcher: Aimee Kao, MD, PhD

Generation of anti-acetyl tau antibodies to understand tau metabolism in FTLD-TSC1.

# REGENTS UNIVERSITY OF CALIFORNIA LOS ANGELES

# Researcher: Daniel Geschwind, MD, PhD Identification and functional validation

of genetic risk factors in Progressive Supranuclear Palsy.

# SCRIPPS RESEARCH INSTITUTE Researcher: Matthew Disney, PhD

Pre-clinical evaluation of small molecules that rescue aberrant Tau mRNA splicing.

#### SCRIPPS RESEARCH INSTITUTE Researcher: Matthew Disney, PhD

Reducing Tau Burden by Targeting its RNA with small molecules.

#### SCRIPPS RESEARCH INSTITUTE Researcher: Jeffery Kelly, PhD

Proteostasis Regulators in Tauopathy Amelioration.

# UNIVERSITY OF ILLINOIS AT CHICAGO Researcher: Scott Brady, PhD

Targeting Pathological Tau Signaling Through Tau N-Terminal PAD.

# UT SOUTHWESTERN MEDICAL CENTER Researcher: Marc Diamond, MD

Small Molecules to block tau pathology.

# UT SOUTHWESTERN MEDICAL CENTER Researcher: Marc Diamond, MD

Active Vaccine for Tauopathy.

#### WASHINGTON UNIVERSITY IN ST. LOUIS Researcher: David Holtzman, MD

Targeting CNS LDLR as a target for tau-mediated neurodegeneration.

# WASHINGTON UNIVERSITY IN ST. LOUIS Researcher: David Holtzman, MD

Low Density Lipoprotein Receptor (LDLR) upregulators.

# WASHINGTON UNIVERSITY IN ST. LOUIS Researcher: Celeste Karch, PhD

Identification of compounds that rescue dysfunctional lysosomes in a stem cell model of tauopathy.

# WASHINGTON UNIVERSITY IN ST. LOUIS Researcher: Timothy Miller, MD, PhD

Characterizing the impact of increased 4R tau in human astrocytes and their potential as a therapeutic target.

6

# Tau Consortium Drug Discovery Institutes

The "valley of death" (i.e., the time, money, coordination, and rigor that it takes to develop preclinical discoveries into clinical-state therapeutics) is often what kills promising scientific research. Effective drug discovery and development requires the interdisciplinary expertise of chemists, biologists, and pharmacologists to deliver clinical candidates that can progress into actual treatments.

Through partnerships with Drug Discovery Institutes (DDIs) and Contract Research Organizations (CROs), the Tau Consortium is attempting to bridge the valley of death by supporting researchers with funding and integrated drug discovery teams and services that cover all aspects of drug discovery and development.

In 2019, RCF entered into a strategic collaboration with Charles River Laboratories International, Inc. (CRL), whereby CRL provides the Tau Consortium with integrated drug discovery expertise, infrastructure and services to help accelerate academic research into robust drug development efforts.

In 2020, we entered into a strategic alliance with the Alborada Drug Discovery Institute at Cambridge University (Alborada), an organization that is part of the Alzheimer's Research UK Drug Discovery Alliance. This alliance works to accelerate the discovery of novel, effective therapeutics for Alzheimer's disease and other neurodegenerative diseases. The Alborada team couples the deep disease knowledge of the academic community with high-quality, innovative drug-discovery technologies. Our investigators are encouraged to enter into collaboration with Alborada scientists to accelerate their drug discovery programs funded by the Tau Consortium.



MEDICAL RESEARCH

The Tau Pipeline Enabling Program (T-PEP)

The Tau Pipeline Enabling Program (T-PEP), a partnership with the Alzheimer's Association, seeks to accelerate the development of potential new therapies for tauopathies. T-PEP facilitates the translation of innovative but resource-constrained strategies into practical therapeutic programs that can ultimately progress into human clinical trials. T-PEP uses a milestone-based funding model and is open to all U.S. and international interdisciplinary teams at academic institutions as well as small companies.

In 2020, T-PEP selected eight awardees to receive a combined \$4M from a pool of 100+ outstanding U.S. and international applicants.

#### Daniel Chain, PhD

TauC3 Biologics Limited (London, United Kingdom)

TauC3: A Key Tauopathy Culprit and an Antibody to Mitigate its Effects.

#### Kenneth S. Kosik, MD

University of California, Santa Barbara (Santa Barbara, CA)

Farnesyl Transferase Inhibitors to Treat Tauopathies.

#### Matthew Disney, PhD

The Scripps Research Institute (Jupiter, FL)

Reducing Tau Burden by Targeting its RNA with Small Molecules.

#### Janice Kranz, PhD

Eikonizo Therapeutics, Inc. (Cambridge, MA)

HDAC6 Inhibitors to Treat
Tauopathies: Proof of Mechanism.

#### Jeff Friedman, MD, PhD

DTx Pharma, LLC (San Diego, CA)

Safe and Effective Delivery of MSUT2 siRNA for Treatment of Tauopathy.

#### Albert La Spada, MD, PhD

University of California, Irvine (Irvine, CA)

Evaluation of PPAR-delta Agonist Therapy as a Treatment for Tauopathy.

#### Stephen Haggarty, PhD

Massachusetts General Hospital/ Harvard Medical School (Boston, MA)

Bifunctional Tau Degraders as a Novel Therapeutic Strategy for Tauopathy.

#### Patrik Verstreken, PhD

VIB

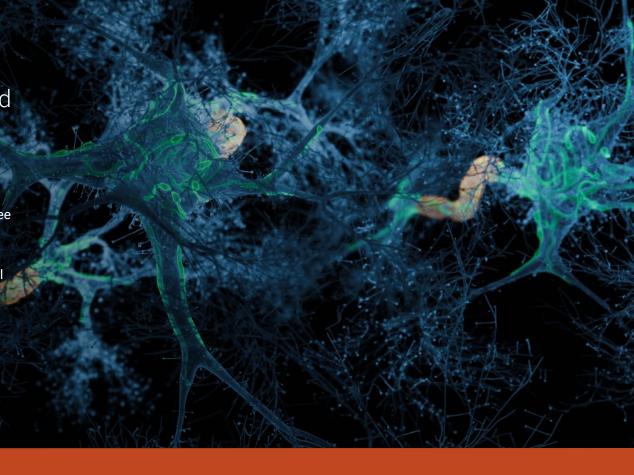
(Leuven, Belgium)

Therapeutic Strategies to Target Tau-Synaptogyrin-3 Interaction.

# Tau Consortium Stem Cell Group Creates Important Resource for the Field

The Tau Consortium Stem Cell group, formed in the early days of the Tau Consortium, has always focused on collaboration, and creating resources for the tauopathy field. The group consists of Drs. Bradley Boeve, John Crary, Li Gan, Alison Goate, Lea T. Grinberg, Stephen Haggarty, Justin Ichida, Aimee Kao, Celeste Karch, Kenneth Kosik, Suzee Lee, Bruce Miller, William Seeley, and Sally Temple. Together, this team of scientists created a rich resource consisting of patient-derived iPSC cell lines, fibroblasts, and NPCs, along with their clinical histories for all scientists to access.

Paper Citation: Karch C.M., Kao A.W., Karydas A., Onanuga K., Martinez R., Argouarch A., Wang C., Huang C., Sohn P.D., Bowles K.R. A comprehensive resource for induced pluripotent stem cells from patients with primary tauopathies. Stem Cell Rep. 2019;13:939–955. doi: 10.1016/j. stemcr.2019.09.006. - DOI - PMC - PubMed







# Drs. Holtzman and Bateman develop PrecivityAD™

On November 30th, 2020, PrecivityAD™, the first blood test to help diagnose Alzheimer's Disease, was released on the commercial market by C2N Diagnostics. Though not yet FDA approved, the tool allows clinicians to screen for amyloid beta and ApoE isoforms in blood. The test must be analyzed in a lab by mass spectrometry, but claims 89–98% accuracy. Tau Consortium members **David Holtzman, MD** and **Randall Bateman, MD** were both founders of the technology and C2N Diagnostics.

#### MEDICAL RESEARCH FUNDING

#### Mechanisms & Models

#### **AETON THERAPEUTICS INC.**

#### Researcher: Li Gan. PhD

Targeting aberrant acetylated tau (ac-tau) as a novel therapeutic intervention of AD and taurelated dementias at Aeton Therapeutics.

#### ALBERT EINSTEIN COLLEGE OF MEDICINE Researcher: Ana Maria Cuervo, MD, PhD

Chaperone-mediated autophagy and endosomal microautophagy modulators of tau pathobiology.

# ALZHEIMER'S RESEARCH U.K. Researcher: David Rubinsztein. MD. ChB.

#### Researcher: David Rubinsztein, MD, ChB, BSc (Med), PhD

Identification of G protein-coupled receptors that modify tau clearance.

# CHILDREN'S HOSPITAL CORPORATION Researcher: Judith Steen. PhD

Quantitative Proteomics to Understand Tauopathies.

# ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

#### Researcher: Alison Goate, DPhil

Investigating the MAPT H1 haplotype genetic susceptibility for Tauopathy.

# ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

#### Researcher: Alison Goate, DPhil

Identifying and Combating Early Cellular and Molecular Phenotypes in Tauopathies.

#### JOAN AND SANFORD I. WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY Researcher: Li Gan. PhD

Target Innate Immunity to Treat Tauopathy

#### JOAN AND SANFORD I. WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY Researcher: Li Gan, PhD

Targeting microglial-mediated tau toxicity.

#### MASSACHUSETTS GENERAL HOSPITAL Stephen Haggarty, PhD

Identifying Early Cellular and Molecular Phenotypes in Tauopathies.

#### MASSACHUSETTS GENERAL HOSPITAL Researcher: Bradley Hyman, MD, PhD

Tau propagation and toxicity.

#### MASSACHUSETTS GENERAL HOSPITAL Researcher: Bradley Hyman, MD, PhD

Molecular fingerprint of propagating tau species.

# REGENERATIVE RESEARCH FOUNDATION Researcher: Sally Temple, PhD

CRISPR support for Kampmann Lab.

# REGENERATIVE RESEARCH FOUNDATION Researcher: Sally Temple, PhD

Identifying and Combating Early Cellular and Molecular Phenotypes in Tauopathies.

# REGENTS OF THE UNIVERSITY OF CALIFORNIA AT BERKELEY

#### Researcher: Andrew Dillin, PhD

Cell non-autonomous activation of HSf1 in Glial Cells.

#### REGENTS OF THE UNIVERSITY OF CALIFORNIA SANTA BARBARA Researcher: Songi Han, PhD

Molecular and Structural Basis of Tau Seeding.

# REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

#### Researcher: Martin Kampmann, PhD

CRISPR-based functional genomics in iPSCderived brain organoid models to dissect mechanisms of tauopathies

# REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

#### Researcher: Martin Kampmann, PhD

Elucidating cellular mechanisms controlling tau pathology and selective vulnerability by CRISPR-based genetic screens.

# REGENTS OF THE UNIVERSITY OF CALIFORNIA. SAN FRANCISCO

#### Researcher: Martin Kampmann, PhD

Identifying and Combating Early Cellular and Molecular Phenotypes in Tauopathies.

# REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Researcher: Aimee Kao, MD, PhD

Molecular Mechanisms Underlying Wild-type

### REGENTS UNIVERSITY OF CALIFORNIA LOS ANGELES

#### Researcher: Daniel Geschwind, MD, PhD

Functional genomics in neurodegenerative tauopathy.

Tau Clearance.

#### THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO Researcher: Bess Frost. PhD

Leveraging novel Drosophila models of tau aggregation and propagation for testing of tau intrabodies and small-scale genetic screening.

#### UNIVERSITY OF SOUTHERN CALIFORNIA

#### Researcher: Justin Ichida, PhD

Identifying Early Cellular and Molecular Phenotypes in Tauopathies.

#### UNIVERSITY OF SOUTHERN CALIFORNIA

Researcher: Justin Ichida, PhD

Harnessing microglia to mitigate neurodegeneration caused by mutations in MAPT

# UT SOUTHWESTERN MEDICAL CENTER Researcher: Marc Diamond, MD,

Mechanisms of tau uptake and seeding.

#### WASHINGTON UNIVERSITY IN ST. LOUIS

Researcher: David Holtzman, MD

Effects of a dual orexin receptor antagonist on

tau-mediated neurodegeneration.

# WASHINGTON UNIVERSITY IN ST. LOUIS Researcher: Celeste Karch, PhD

Tau Kinetics in Stem Cell Models of Tauopathies.

#### WASHINGTON UNIVERSITY IN ST. LOUIS

#### Researcher: Celeste Karch, PhD

Identifying and Combating Early Cellular and Molecular Phenotypes in Tauopathies.

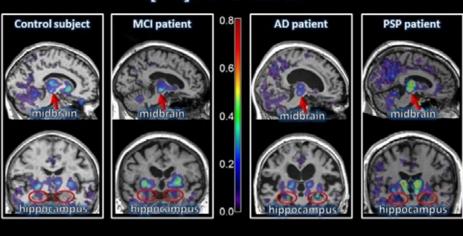
# MEDICAL RESEARCH

# The PIPETTE Consortium

The PIPETTE Consortium (Philanthropic Investments in PET TracErs) is a funding partnership with The Michael J. Fox Foundation. PIPETTE encourages the development of novel 4R tau and alpha-synuclein PET imaging tracers for primary non-Alzheimer's tauopathies, Parkinson's disease, Lewy body dementia, frontotemporal dementia, and other neurodegenerative diseases.

The PIPETTE collaboration seeks to pool ideas, expertise, and resources of the two partner foundations to enable the improved diagnosis and treatment of these disorders. High affinity PET tracers that can recognize the 4R tau filaments found in PSP and CBD from the 3R tau found in Pick's disease, would allow clinicians not only to detect abnormal protein build-up in the brains of patients, but also to pinpoint location and quantify abundance.

[18F] AV-1451 BP



#### **FUNDED RESEARCHERS:**

Gil Rabinovici, MD University of California, San Francisco

**Chester Mathis**, PhD University of Pittsburgh

University of Toronto

Neil Vasdev,

PhD

In 2020, the first tau PET agent, TAUVID (flortaucipir, 18F-AV-1451), received FDA approval as diagnostic tool for Alzheimer's Disease (AD). TAUVID binds indiscriminately to 3R tau and 4R tau, the forms of the tau protein found in the neurofibrillary tangles found in AD. TAUVID was developed by Avid Radiopharmaceuticals, a subsidiary of Eli Lilly. RCF's funding of Dr. Rabinovici's work enabled critical data for TAUVID as a PET agent.

#### MEDICAL RESEARCH FUNDING

### PET Imaging

MICHAEL J. FOX FOUNDATION FOR PARKINSONS RESEARCH

Researcher: Chester Mathis, PhD

Discovery of Selective PET Imaging Agents for Tauopathies and alpha-Synuclein.

MICHAEL J. FOX FOUNDATION FOR PARKINSONS RESEARCH

Researcher: Neil Vasdev, PhD

Discovery of Selective PET Imaging Agents for Tauopathies and alpha-Synuclein.

**REGENTS OF THE UNIVERSITY OF** CALIFORNIA, SAN FRANCISCO

Researcher: Gil Rabinovici, MD

Human Tau Imaging.



# Thank You to Tau Consortium Donors and Partners

Richard Rainwater became successful in business by thinking big and forging creative partnerships with talented people. His legacy and approach live on in the way we structure our fight against neurodegenerative disease.

Since Richard was first diagnosed with PSP, many family members, friends, associates, and well-wishers have stepped forward to join us in the fight against tauopathies. We are grateful for the generous support of these donors and partners, and are honored that they have entrusted us to grant their philanthropic dollars alongside ours to hasten a cure for these devastating diseases.

Each of the medical research initiatives in this annual report has been supported by these donors and partners, and we'd like to thank them for their generosity.

We'd like to extend a special thanks to the 58 donors who have co-funded the Tau Consortium's research efforts through the Rainwater Neurological Research Fund including:

Jamiel Akhtar **Patrick Brannelly** Mr. and Mrs. P. D. Cates Jr. **Communities Foundation of Texas Tyler & Brian Crumley Esch Family Charitable Fund** Mr. and Mrs. J. Chris Gavras Ms. Melissa M. Gibbs **Erin Gierhart** Mrs. Nancy E. Jones Ken Huffman and Jeanie Luskey-Huffman

**Luther King Capital Management Korenvaes Family Foundation** Miracle For Mom Foundation Clifton H. and Sheridan Morris Fund Eric Nestler Melissa and Joe Parrish Ms. Leslie Rankow Gail and Dan Settle Jeremy J. Smith John Taylor

# The Tauopathies 2020 Global Conference

In 2020, the Rainwater Charitable Foundation, Alzheimer's Association, and CurePSP co-sponsored the inaugural Tau Global Conference in Washington, D.C. In launching this open, international conference, our goal was to provide a forum for academic, industry, philanthropic, and government stakeholders to:

- Raise awareness and attract more funding to tau research
- Attract more talent to the study of tauopathies, particularly young researchers
- Increase alignment and collaboration around the remaining challenges in tau research

With more than 600 attendees from six continents and all sectors of the ecosystem, the Tau 2020 Global Conference was a tremendous success. TAU>2020 Global Conference

alzheimer's %







# RAINWATER PRIZE

For Advances in Neurodegenerative Disease Research

Richard Rainwater understood that the research that the Rainwater Charitable Foundation was funding might not be able to help him directly, but would inevitably lead to better treatments for patients in the future.

When he was physically able, Richard loved to attend research meetings, and always left inspired by brilliant science and the power of collaboration. Before his passing, Richard designated additional funds that would be dedicated to the individual/s, anywhere in the world, chiefly responsible for the discoveries that lead to effective treatments for tauopathies.

The objective of the Rainwater Prizes is to encourage and accelerate scientific progress toward new treatments for neurodegenerative diseases by:

Enhancing awareness of the critical gaps in neurodegenerative research

Attracting researchers to work on tauopathies

Awarding scientific achievements that lead to new treatments for PSP

Launched in 2018, the Rainwater Prize Program has four categories:

# The Rainwater Prize for Outstanding Innovation in Neurodegenerative

**Research** Awarded annually to a scientist who has made seminal discoveries in neurodegenerative disease research

The Rainwater Prize for Innovative
Early-Career Scientists Awarded
annually to an early career scientist within
10 years of transitioning to an independent
investigator academic position and
who has made promising discoveries in
neurodegenerative disease research

# The Rainwater Milestone Prize for Advances in Tauopathy Research

Million-dollar awards for scientists who address key needs of the field of tauopathy research

# The Rainwater Breakthrough Prize for Effective Treatments in PSP

Multimillion-dollar awards to the individual/s chiefly responsible for finding a cure for progressive supranuclear palsy

The very first prize winners were announced in the fall of 2019 with a ceremony celebrating the winners in February 2020.



THE BAINWATER PRIZE

Dr. Michel Goedert and Dr. Patrick Hsu named inaugural recipients of the Rainwater Prize

# Dr. Michel Goedert

Programme Leader at the Medical Research Council
Laboratory of Molecular Biology in Cambridge, England, UK

Dr. Michel Goedert, Programme Leader at the Medical Research Council Laboratory of Molecular Biology in Cambridge, England, UK first made a name for himself by showing that tau is an integral component of the paired helical filaments of Alzheimer's disease and discovering the six tau isoforms that are expressed in the human brain. He has since helped establish the idea that the abnormal assembly of tau protein is central to tauopathies, and along with his colleagues, identified one of the first mutations in MAPT (the gene that encodes tau) that causes inherited frontotemporal dementia in humans.



"It is an honor to be recognized by a group of experts who understand the critical role played by the tau protein in many neurodegenerative diseases," said Dr. Goedert. "With this prize, my goal is to encourage other researchers to join us in further exploring the root causes of these diseases and eventually to partner in developing novel methods for prevention of disease."



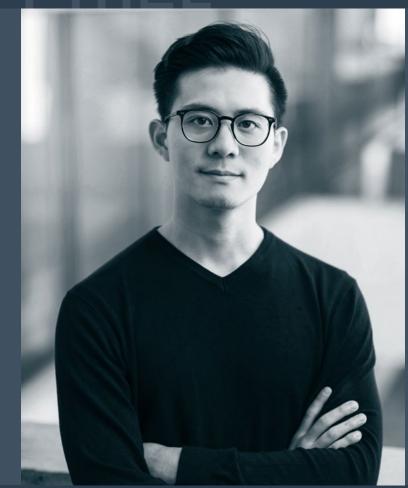
RAINWATER CHARITABLE FOUNDATION

# THE BAINWATER PRI7E

# Dr. Patrick Hsu

Assistant Professor in the Department of Bioengineering at UC Berkeley

Dr. Patrick Hsu, Assistant Professor in the Department of Bioengineering at UC Berkeley, is a rising star in the field of genome engineering. During his graduate training at Harvard University, Dr. Hsu performed some of the earliest studies with CRISPR-Cas9, a technology that enables geneticists and medical researchers to edit parts of the genome by altering its DNA sequence. At the Salk Institute, his lab discovered RNA-targeting CRISPR systems that enabled recognition and control over RNAs in living cells. He used his new tool to target MAPT RNAs to correct splicing imbalances associated with frontotemporal dementia. At Berkeley, he plans to focus on expanding the capabilities of RNA-based CRISPR systems and studying genetic defects that can cause neurodegenerative risk.



"The Rainwater Prize is a special honor that inspires my team to continue creating new technologies that could impact brain disorders," said Dr. Hsu. "The devastation of neurodegenerative disease became apparent at an early age when I witnessed my grandfather suffer from mild cognitive impairment followed by Alzheimer's disease—an experience that ultimately inspired me to dedicate my career to science.... By collaborating with researchers across industries, I've learned that we can all benefit from inspiring — and pushing — each other to go further, faster."



ANNUAL REPORT 2019-2020

# Rainwater Prize Committee

We'd like to offer special thanks to our founding Rainwater Prize selection committee, well-established research leaders from around the world, who support the Rainwater Prize program independent of the foundation's grantmaking efforts in order to encourage broad, and truly open, participation from the scientific community.



Richard Carmona, MD, MPH, FACS was the 17th Surgeon General of the United States and now serves as Distinguished Professor of Public Health, Professor of Surgery and Pharmacy at The University of Arizona. In addition to service on several advisory and board positions Dr. Carmona has taken on key civic roles during the pandemic to respond to ongoing challenges in the country including becoming the senior health advisor for COVID-19 matters in Arizona to the governor. Dr. Carmona serves as founding chair of the Rainwater Prize Committee and has contributed greatly to the mission and outreach strategy for the program.



Luc Buee, PhD is the Director of the Lille Neuroscience & Cognition research center in Lille, France and serves as President of the French Society of Neuroscience (Societe des Neurosciences). Dr. Buee is well-known for his involvement in the initial characterization of tau aggregates among several neurodegenerative diseases and has expanded his efforts into better understanding the role of post-translational modifications in tau aggregation. Dr. Buee joined the Rainwater Prize selection committee in 2019.



Roxana Carare, MD, PhD is Professor of Clinical Neuroanatomy and the Equality and Diversity lead at the University of Southampton in the UK. Dr. Carare is most known for her work characterizing lymphatic drainage pathways to understand how fluid and soluble amyloid are eliminated from the brain naturally and how this functionality can change during disease progression in hopes of manipulating these drainage pathways to improve amyloid clearance. Dr. Carare joined the Rainwater Prize selection committee in 2019.



Maria Carrillo, PhD is the Chief Science Officer of the Alzheimer's Association. Dr. Carrillo is well known for her leadership in lobbying both the public and private sector for increased funding for Alzheimer's Disease and related dementias. In addition to these efforts, Dr. Carrillo is a pioneer in the early diagnosis and biomarker field, has appeared on numerous international media outlets and serves on the board of the Global Brain Health Institute and the advisory committee for the World Health Organization Dementia Setting Priorities and Portfolio Analysis. Dr. Carrillo joined the Rainwater Prize selection committee in 2019.



Howard Feldman, MD, FRCP is a clinical neurologist and serves as Professor of Neurosciences at the University of California, San Diego and as Director of the Alzheimer's Disease Cooperative Study (ADCS) since 2016. Dr. Feldman is known for his contributions to the discovery of progranulin and C90RF72 mutations which cause frontotemporal dementia (FTD). Dr. Feldman was also involved in important re-conceptualization of Alzheimer's disease which could lead to earlier and more accurate diagnoses. Dr. Feldman has paused his grant review service on the Tau Consortium scientific advisory board to join the Rainwater Prize selection committee since late 2018.



Irene Litvan, MD is Professor of Neurology and the Tasch Endowed Chair of Parkinson's Disease Research, and Director of the Movement Disorder Center at the University of California, San Diego Dr. Litvan also serves as Chief Editor of Frontiers in Neurology, and is a Fellow of the American Neurological Association and the American Academy of Neurology. Dr. Litvan is well known for her efforts in improving diagnostic criteria for parkinsonian neurodegenerative disorders. Dr. Litvan joined the Rainwater Prize selection committee in 2019.



**Leonard Petrucelli, PhD** is the Ralph B. and Ruth K. Abrams Professor and Chair of the department of neuroscience at the Mayo College of Medicine and Science in Jacksonville, Florida. Dr. Petrucelli is known for his work to uncover cellular mechanisms that cause abnormal protein aggregation in Alzheimer's disease, frontotemporal dementia (FTD), and amyotrophic lateral sclerosis (ALS) and serves on several advisory boards including his position as Chief Scientific Advisor of Target ALS. Dr. Petrucelli joined the Rainwater Prize selection committee in 2019.

# Selection Process and Ceremony

Colleagues and peers nominated the awardees based on published and peer-reviewed research related to tau and were selected by a committee of international scientific leaders. Both Dr. Goedert and Dr. Hsu were chosen based on their research, leadership, mentorship, and contributions to the scientific community. Dr. Goedert and Dr. Hsu presented their findings in February 2020 at the Tau 2020 Global Conference, which was co-sponsored by the Rainwater Charitable Foundation, Alzheimer's Association, and CurePSP. Representatives from academia, industry, government, and the philanthropic sector were in attendance.





### In Memoriam — Dr. Peter Davies

In 2020, we lost Dr. Peter Davies, a giant in the field of tau research, a partner in the creation of the Rainwater Prize Program, and most important, a friend and mentor to so many.

Peter's accomplishments, both as a scientist and mentor, have far reaching impact on the field of tau research. The Rainwater Charitable Foundation team was fortunate to know him as a mentor, advisor, and Rainwater Prize Selection Committee member. Peter's wisdom and leadership helped us build an incredible program together, and his influence can be seen in every aspect of how we operate the Rainwater Prize Program.

Peter received numerous awards and honors during his lifetime, including the City of New York Liberty Medal; a Lifetime Achievement Award from the International Congress on Alzheimer's Disease, the first Metropolitan Life Foundation Prize, and the Potamkin Prize. He is best known for his studies of tau pathology in Alzheimer's disease and for the production, characterization and use of monoclonal antibodies to tau proteins that have been crucial not only for basic research discoveries, but also for tissue diagnosis and neuropathologic studies of Alzheimer's disease.

In his final years, Peter was instrumental in the conceptualization and launch of the Rainwater Prize program, and also in the leadership of the first-ever Tau Global conference, a collaboration between RCF, CurePSP, and the Alzheimer's Association.

We owe Dr. Davies an immense debt of gratitude for his dedication to the field of tau, and for his contributions to getting us closer to effective treatments for patients suffering from these devastating neurodegenerative diseases.

RAINWATER CHARITABLE FOUNDATION



# Other Funding

In addition to our Education and Medical Research Funding focus areas, RCF supports many organizations whose good works range from providing school infrastructure and instruction for students in Africa, to working to ensure that formerly incarcerated individuals make a smooth transition back into productive society. Working in areas such as homelessness prevention and mental health, these organizations work with the most vulnerable and often overlooked populations in our community. They re-empower people and give them opportunities to fully participate in society, and in the process make our community stronger.

#### OTHER FUNDING

# Other Foundation Funding

	2019 FUNDING	2020 FUNDING
ASSOCIATION FOR FRONTOTEMPORAL DEMENTIA Towards the "With Love" campaign.	\$ 10,000	10,000
ALL SAINTS CATHOLIC PARISH Towards a memorial scholarship fund.	\$ -	500
AMERICAN BRAIN FOUNDATION Towards general operations.	\$ 5,000	-
ANOTHER SOLUTION, INC. Towards general operations.	\$ -	25,000
<b>BEHIND EVERY DOOR</b> Towards the Roseland and Beyond project.	\$ 75,000	-
THE BOOT CAMPAIGN, INC.  Towards a mental health and wellness program for veterans.	\$ 20,000	_
BRIDGE2RWANDA  Towards various programs that invest in young talent in Rwanda.	\$ 250,000	175,000
CADDO LAKE INSTITUTE Towards general operations.	\$ 25,000	-
<b>CAFE MOMENTUM</b> Towards general operations.	\$ 125,000	-
CHRISTIAN RELIEF FUND Towards construction of schools in East Africa.	\$ 500,000	500,000

# Bridge2Rwanda

For the last twenty years, Rwanda has been one of the world's fastest developing countries. It has become a model of successful nation-building and has been recognized for its remarkable improvements in security, healthcare, education, infrastructure, tourism, and gender equality. Nevertheless, over 70% of Rwanda's 12 million population (1.7 million households) still earns their livelihood as subsistence farmers. The average farm is less than two acres, and for many, food security remains a challenge.

Founded in 2007, Bridge2Rwanda was founded to create more opportunities for Africa's young talent to use their skills, experience, and passion to embrace the continent's greatest challenges and accelerate Rwanda's economic growth.

RCF's 2019 and 2020 grants to Bridge2Rwanda helped to fund B2R Scholars attending the gap-year Leadership Academy in Kigali, helped to scale BRIDGE Career Services, an initiative to assist talented young Rwandans find jobs and internships with employers in Africa, and to support B2R Farms, an effort to mobilize a new generation of educated young people to become agriculture entrepreneurs.



FUNDII	2019 FUNDING	
	500,000	\$ CITYSQUARE  Towards infrastructure investment and improvement.
	25,000	\$ COMMUNITIES FOUNDATION OF FEXAS, INC. Fowards the 19th Amendment Centennial Fund.
100,0	-	\$ COMMUNITIES FOUNDATION OF FEXAS, INC. FOWARDS Dallas Truth, Racial Healing Transformation.
	18,400	\$ COMMUNITY FOOD BANK Fowards the Thanksgiving Food Box Giveaway.
105,0	2,662	\$ COMMUNITY FRONTLINE Towards general operations.
60,0	-	\$ COMMUNITY RESOURCING INCORPORATED  Towards general operating-matching grant.
	100,000	\$ CORNERSTONE ASSISTANCE NETWORK INC Fowards the ReEntry First Stop Center for Farrant County.
250,0	_	\$ DALLAS DINNER TABLE Fowards program expansion and replication.
	50,000	\$ DALLAS LEADERSHIP FOUNDATION  Towards general operations.
10,0	-	\$ DFW ASYLUM SEEKER HOUSING NETWORK Towards supporting families in Fort Worth awaiting asylum determination.
300,0	-	\$ EAST TEXAS VETERANS COMMUNITY COUNCIL Towards the Camp V program and a new veterans resource center.



# Waco Family Medicine

Waco Family Medicine (WFM), established in 1969, is a Federally Qualified Health Center providing health care to underserved residents of McLennan and Bell counties who have historically struggled in a health care system that favors privately insured patients. In 2020, an RCF grant was used to launch a Hospice & Palliative Care Medicine Fellowship at WFM. RCF funding was also used to enable Waco Family Medicine to deliver and expand telehealth services, while simultaneously responding to the COVID-19 pandemic.

To address the COVID-19 pandemic, WFM has also used grant funds in other areas to:

- Expand behavioral health and telemedicine services, along with necessary equipment to deliver high-quality care to students in partner school districts
- Address the needs of employees who may be suffering from mental health challenges, COVID-19 fatigue, and/or burnout by partnering with a confidential and full-service organization that connects first responders to mental health care providers and supports them through stress and traumatic events
- Adapt Drive-Up Clinics to allow for safe and efficient vaccine administration including equipping outdoor clinics with needed supplies and amenities

Other Foundation Funding, Cont.	2019 FUNDING	2020 FUNDING
<b>FOOD RECOVERY NETWORK</b> Towards recovering food that would otherwise go to waste at college campuses.	\$ 100,000	
<b>FOR OAK CLIFF</b> Towards general operations.	\$ -	50,000
FORT WORTH CHAMBER FOUNDATION INC Towards the Downtown Christmas Tree fund.	\$ -	5,000
GARY SINISE FOUNDATION Towards Snowball Express.	\$ -	6,000
<b>GERMAN MARSHALL FUND OF THE US</b> Towards general operations.	\$ \$10,000	10,000
<b>GLOBAL HEALTH CORPS</b> Towards health fellowships in Rwanda.	\$ -	250,000
HEART OF TEXAS COMMUNITY HEALTH CENTER INC Towards telehealth expansion in Waco, Texas.	\$ -	1,300,000
NNOCENCE PROJECT OF TEXAS Fowards general operations.	\$ -	65,000
INTERNATIONAL MEDICAL CORPS Towards general operations.	\$ 10,000	10,000
INTERNATIONAL SOCIETY OF HUMAN UNITY Towards Stopping Traffic education and outreach program.	\$ 25,000	-
<b>JEWEL CHARITY BALL INCORPORATED</b> Towards general operations.	\$ 106,000	12,000
LVTRISE Towards a community center capital campaign to expand programming.	\$ -	600,000

	2019 FUNDING	2020 FUNDING			2019 FUNDING	2020 FUNDING
LEUKEMIA TEXAS  Towards support for children in treatment at Cook Children's.	\$ 10,000	-	MICE AGAINST TICKS INC Towards Lyme disease antibody research.	\$	60,000	350,000
LIVE THANKFULLY Towards a leadership development program for FWISD students.	\$ 10,000	-	NANTUCKET ICE COMPANY INC Towards general operations.  NANTUCKET SAFE HARBOR FOR	\$	5,000	10,000
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	\$ 4,500	_	ANIMALS INC Towards general operations.  NEXUS RECOVERY CENTER INCORPORATED	\$ \$	_	2,000 25,000
Towards MIT Solve Membership.  MERCY COLLEGE  Towards Live Stronger, Move	\$ 18,000	-	Towards general operations.  NORTH TEXAS COMMUNITY FOUNDATION Towards the Fund to Advance Racial Equity.	\$	_	359,000
Better programming.  METROPLEX ECONOMIC DEVELOPMENT CORP Towards the Texas Offenders Reentry Initiative.	\$ 75,000	-	PAHARA INSTITUTE Towards sponsorship of Texas-based Fellows.	\$	45,000	-





Other Foundation Funding, Cont.	2019 FUNDING	2020 FUNDING		2019 FUNDING	2020 FUNDING
PERFORMING ARTS FORT WORTH, INC. Towards free performances at Bass Hall for K-12 students.	\$ 25,000	-	TARRANT CHURCHES TOGETHER Towards a literacy summit to boost volunteer support.	\$ 10,000	-
<b>THE PHILANTHROPY ROUNDTABLE</b> Towards membership.	\$ 5,000	5,000	MASTOCYTOSIS SOCIETY, INC. Towards general operations and	\$ 100,000	150,000
PRISMA HEALTH Towards endowment fund to support canine companions.	\$ 100,000	-	organizational expansion.  UNION GOSPEL MISSION OF TARRANT COUNTY Towards general operations.	\$ 7,500	-
RONALD MCDONALD HOUSE OF FORT WORTH, INC.  Towards general operations.	\$ 10,000	10,000	UNITY UNLIMITED INC Towards general operations.	\$ 5,000	-
SAMARITAN COUNSELING CENTER OF EAST TEXAS, INC. Towards underwriting of mental health care,	\$ 25,000	100,000	WINGS OF HOPE EQUITHERAPY Towards general operations.	\$ 25,000	25,000
education and research.  SAVING HOPE FOUNDATION  Towards the Spay Neuter Campaign.	\$ -	525,000	Sum of Other Foundation Funding	\$ 2,629,562	5,492,500
SMALL FRIENDS ON NANTUCKET INC	\$ 5,000	5,000		16 19 21	STATE OF THE STATE

100,000

15,000

5,000

7,500

60,000



#### OTHER FUNDING

# Other Miscellaneous Gifts

General operating funds supporting the following organizations:

following organizations:		2019 FUNDING	2020 FUNDING			2019 FUNDING	2020 FUNDING
ACCESS BOOKS	\$	_	5,000	NURSES EN ROUTE	\$	7,500	_
AMON CARTER MUSEUM OF WESTERN ART	\$	10,000	-	PARKER COUNTY CENTER OF HOPE INC	\$	5,000	7,500
AMPHIBIAN STAGE	\$	_	15,000	PARTNERS IN HEALTH	\$	10,000	10,000
BAYLOR UNIVERSITY	\$	5,000	_	PRISON FELLOWSHIP MINISTRIES	\$	15,000	7,500
CATHOLIC CHARITIES OF FORT WORTH, INC.	\$	7,500	_	PSI CHI THE NATIONAL HONOR SOCIETY			
CHARITY:WATER	\$	_	10,000	IN PSYCHOLOGY	\$	7,500	_
COVE CENTER FOR GRIEVING CHILDREN	\$	50,000	50,000	SOCIETY FOR ADVANCEMENT OF CHICANOS/HISPANICS & NATIVE			
DALLAS COUNTY COMMUNITY COLLEGE				AMERICANS IN SCIENCE	\$	5,000	-
DISTRICT FOUNDATION INC	\$	_	7,000	SANTA MONICA EDUCATION FOUNDATION	\$	_	5,000
DENVER FOUNDATION	\$	5,000	5,000	SCRIPPS COLLEGE	\$	5,000	5,000
FACTOR-H	\$	_	5,000	ST. ELMOS VILLAGE	\$	_	5,000
HEART HOUSE	\$	20,000	15,000	ST. JUDE CHILDREN'S RESEARCH HOSPITAL	\$	5,000	7,500
IMPOSSIBLE POSSIBILITIES	\$	10,000	-	STEM EXPERTS	\$	10,000	
JAMES L. WEST ALZHEIMER CENTER	\$	_	5,000	THE NET FORT WORTH	\$	5,000	7,500
LATINO COMMUNITY FOUNDATION	\$	10,000	15,000	WHHS COUGAR PRIDE FOUNDATION	\$	15,000	15,000
LOUISIANA TECH UNIVERSITY FOUNDATION INC	Ś	20,000	20.000	WISE AREA RELIEF MISSION INC	\$	_	5,000
	•	•	20,000	YALE UNIVERSITY	\$	10,000	10,000
MAKE-A-WISH GREATER LOS ANGELES	\$	5,000	_	YOUNG LIFE	\$	10,000	10,000
MCNEESE STATE UNIVERSITY FOUNDATION	\$	7,500	15,000		•	•	·
NORFOLK ACADEMY	\$	20,000	20,000	Sum of Other Miscellaneous Gifts	\$	280,000	297,000
NORTH TEXAS FOOD BANK	\$	_	15,000				

Towards general operations.

Towards general operations.

Towards general operations. LIFE ADULT DAY CENTER

Towards general operations.

TARRANT AREA FOOD BANK Towards general operations.

**STAND UP & LEARN** 

STEERFW

DALLAS SOCIAL VENTURE PARTNERS

Towards the After8 to Educate initiative.

#### AUDITED FINANCIALS

# Statements of Financial Position

December 31, 2020 and 2019

	2020	2019
ASSETS		
Cash and cash equivalents	\$ 5,244,042	4,272,740
Investments, at fair value	1,144,100,410	1,027,326,357
Redemption receivable	13,000,000	_
Federal income tax receivable	399,000	_
Other assets	1,622,784	775,554
Property and equipment, net	236,390	248,168
Total assets	\$ 1,164,602,626	1,032,622,819
LIABILITIES AND NET ASSETS		
Liabilities:		
Accounts payable and accrued liabilities	\$ 838,523	852,323
Grants payable	1,555,715	1,534,850
Current and deferred tax payable	4,311,066	2,680,582
Total liabilities	6,705,304	5,067,755
Net assets:		
Without donor restrictions	1,157,897,322	1,027,555,064
Total net assets	1,157,897,322	1,027,555,064
Commitments and contingencies		
Total liabilities and net assets	\$ 1,164,602,626	1,032,622,819

# Statements of Activities

Years ended December 31, 2020 and 2019

	2020	2019
OPERATING REVENUES		
Dividend and interest income, net	\$ 3,106,636	9,436,953
Realized gain on investments, net	24,106,396	28,310,175
Unrealized gain on investments, net	142,631,034	116,334,248
Other income related to investments	4,341,861	9,447,220
Total operating revenues	174,185,927	163,528,596
OPERATING EXPENSES		
Grants expense	41,455,838	40,953,270
Compensation and benefits expense	4,322,375	4,054,497
Professional fees and services expense	1,224,397	1,557,487
Direct charitable events and activities expense	692,309	1,240,778
Office facility and other expense	591,278	666,900
Income and excise tax expense	2,224,139	3,548,110
Total operating expenses	50,510,336	52,021,042
Change in net assets from operating activities-		
before contributions	123,675,591	111,507,554
Contributions from Estate Trust	6,666,667	12,100,000
Change in net assets from operating activities-		
after contributions	130,342,258	123,607,554
Net assets at beginning of year	1,027,555,064	903,947,510
Net assets at end of year	\$ 1,157,897,322	1,027,555,064





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