REFLECTIONS
OF GRATITUDE
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.

—RICHARD RAINWATER
As many of his friends and colleagues remember, Richard Rainwater was known for having profound respect for individuals who were the very best at what they did. Perhaps it was the person who made the best burgers in town. Perhaps it was an investment banker, or someone who parked cars with impeccable customer service. Whoever it was, Richard actively sought ways to work with these outstanding individuals, calling them the “Michael Jordans” of their respective fields. His preferred way of supporting these Jordans was to provide opportunities to expand their influence and prospects. We are thankful to carry on that legacy by assisting our partners in effecting positive change in the world. In 2017 and 2018, we partnered with nearly five hundred organizations and provided approximately $80 million in grants.

As we reflect over our history, and the last two years in particular, we are awestruck by and incredibly grateful for the Michael Jordans that we get to work with every day. These include researchers, school leaders, patient advocates, teachers, social entrepreneurs, deans, superintendent, business leaders, community leaders, and parents—just to name a few. Some are opening schools for children who have no access to education. Some are relentlessly pursuing discoveries that will lead to cures for the most devastating illnesses of our time. Others are working to give students access to knowledge and opportunities that will enable them to break out of generational poverty. While some are world-renowned, others receive little credit. All are impacting our world in important ways and deserve our thanks.

Our inaugural annual report honors the stories and individuals of the Foundation’s grantees. While it is impossible to capture the impact of their work or their dedication to positively change our world in these few pages, we hope this report will inspire others. Our intent with this report is to convey our tremendous gratitude as we at the Foundation remain grateful not only for the opportunity to serve others and to continue Richard’s legacy, but also for the hundreds of committed partners with whom we work every day, who are the very best at what they do. We think Richard would approve.
Richard E. Rainwater grew up in Fort Worth, Texas, and graduated from Paschal High School (via George C. Clark and E.M. Daggett), the University of Texas and later the Stanford Graduate School of Business. For several years he worked with former Stanford classmate Sid Bass, also a Fort Worth native, to manage and diversify the Bass family portfolio. In 1986, Richard left Bass Enterprises to become an independent investor. During this time, he founded and/or cofounded numerous successful firms, including ENSCO International, Columbia Hospital Corporation, Mid Ocean Limited, and Crescent Real Estate Equities, Inc. He was also part owner of the Texas Rangers baseball team.

Richard lived a life of generosity and gratitude that continues to inspire us. He was thankful for loving parents—something he often lamented others didn’t have. He was thankful for the people that worked hard and took pride in everyday jobs. He would often say he was thankful for a tireless and loving wife who worked to raise his children and for the world’s greatest older brother. He was thankful for good food, great friends, hard work and unbridled fun. Richard also showed his gratefulness with his generosity, to coworkers and neighbors, to complete strangers at times, and through the Rainwater Charitable Foundation. In 1991, Richard established the Rainwater Charitable Foundation (the Foundation) to improve the lives of children in the United States, specifically targeting those born into poverty. The Foundation strives to employ the same principles that Richard successfully used in his business career, focusing on leadership and scaling ideas that have been proven to work. In 2009, the Rainwater Charitable Foundation began supporting institutions that conduct research in the field of neuroscience through the Tau Consortium and other initiatives.

When he passed away in 2015, Richard had given more than $380 million to organizations working for the benefit of higher education, at-risk children and research associated with degenerative neurological diseases. Richard left nearly all of his estate for charitable purposes, primarily through the work of the Rainwater Charitable Foundation.

“What you leave behind is not what is engraved in stone monuments, but is woven into the lives of others.”

—Pericles
When I hear someone say that our funding is all for education, I always try to gently clarify that our funding is for kids. Our vehicle is schools.

—Suzy Peacock
RCF’s first Executive Director

Richard recognized that a good education completely changed his trajectory in life and wanted to help create that same opportunity for as many children as possible. Richard was not alone. Data shows unequivocally the profound link between education and prosperity. We estimate that a post-secondary completion increase of 15% would add nearly one billion dollars of lifetime economic prosperity to our community every year in expected lifetime earnings. More important, however, is the notion that each and every student in our community, regardless of zip code, learning difference or income, deserves the opportunity to achieve at high levels and fulfill his or her purpose in life.

In our technology-driven marketplace, a post-secondary education (including certificate programs, two-year degrees and four-year degrees) has never been so important. At the same time the legacy of the ‘No Child Left Behind’ policy has made it clear that we have much work to do to ensure that all our students are achieving at high levels. Across Tarrant County, 43% of third graders are reading on grade level, and although this hardly predicts adversity for the students who are behind their peers, we know that subsequent schooling is much easier for those students who can master the fundamentals of reading by the time they start late elementary school. Disaggregating this data by race shows even wider gaps that must be addressed.

Over the past twenty-nine years, the Foundation has remained steadfastly focused on children. Early childhood education, instructional effectiveness, and school leadership have remained constant themes. The goal of keeping as much funding as close to kids as possible has not changed. Today our work focuses primarily on the Fort Worth area with some additional statewide and national funding. While our community’s educational outcomes need significant improvement, we remain optimistic for reasons that will be outlined in this report. We encourage everyone in our community to find a way to get involved to help young students and their families.

Since its inception, the Foundation has worked to support the children who could most benefit from our help to have a better chance to live a good life.
**2017 & 2018 Education Giving Summary**

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<th>A</th>
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**2017 & 2018 Education Funding**

$40,109,690
In 2010, Walter Rainwater and Foundation staff made a visit to Morningside Middle school to better understand how the Foundation might help improve student outcomes at the school. During the visit we learned about a pending Promise Neighborhood grant that would mobilize community partners in a collaboration to support kids both inside and outside of school. Soon thereafter, we made visits to every school in the neighborhood to learn more about the needs, challenges, and opportunities in this community. This was the beginning of the Morningside Children’s Partnership, which expanded to become the Fort Worth Children’s Partnership in 2018, setting its sights on school transformation and neighborhood revitalization.

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. This approach of working directly with schools is a key strategy in our K–12 giving. School leaders at eligible campuses are given the opportunity to request additional supports focused on improving student outcomes. This cohort of funded principals meets regularly throughout the year to form a professional learning community (PLC) to share and review outcomes data, trade lessons learned about emerging practices, and form shared goals. Through the PLC, the Fort Worth Children’s Partnership seeks to scale practices that improve student outcomes. In 2017 and 2018 the Rainwater Charitable Foundation awarded more than $11M directly to FWISD to support the work and granted another $4M to partnering non-profit agencies. We are grateful to the Sid Richardson Foundation for initial seed funding in 2012.

**Fort Worth Children’s Partnership: Core Activities**

**Parent Engagement and Early Childhood Education**
- Seven Pre-K3 classrooms along with teacher professional development
- Museum School experimental/learning program for Pre-K and early grades
- Parent education and engagement programs
- Full-time parent engagement personnel in some schools
- Quality improvement initiatives in partnership with community child care providers

**Elementary, Middle and High School Support**
- Embedded instructional coaches focused on effective daily instruction
- School leadership support through a professional learning community
- Enhanced student and teacher support through behavior interventionists
- Enhanced student support through academic interventionists
- School-wide attendance incentives
- Supplemental curriculum support, assessment tools and instructional materials
- Teacher incentives (high school)
- Dual credit program tuition and books (high school)

**Community Support**
- Wrap-around support services (housing, employment, mental health, etc.) for families in need
- Quality after-school programs
- Summer learning opportunities
- Back-to-school rallies and resource fairs for parents and the community
- Neighborhood revitalization efforts including trash pick-up and Habitat for Humanity builds
- Enhanced community health services via the UNTHSC Mobile Pediatric Unit

Fort Worth Children’s Partnership: A community partnership for student success.

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In addition to the Fort Worth Children’s Partnership grantees, we’d like to thank our partners who have helped make this work possible:

- The Miles Foundation and The Morris Foundation for support of the Parent Engagement Collaborative
- The Office of Councilwoman Kelly Allen Gray, City of Fort Worth, Cowboy Santas, and numerous individuals and community organizations who support the annual Buzz Back to School event
- The Commit Partnership for student outcomes analytics support
- TheSid Richardson Foundation for support of the Pre-K Museum School
- Fort Worth Shamblee Library for often serving as incredible hosts for FWCP events
- Tarrant County College for support of the dual-credit program at O.D. Wyatt High School
- Community Missionary Baptist Church, Mount Olive Missionary Baptist Church, Leslie Court Baptist Church, and numerous other churches and faith-based organizations who partner with schools to provide out-of-school time programs, wraparound services, and other support
### Botanical Research Institute of Texas
- **Funding**: $332,000
- **Funding in 2017**: $197,470
- **Purpose**: Towards STEM education for PK3 classrooms in partner schools and for secondary students through after-school and weekend experiential programming.

### Boys & Girls Clubs of Greater Fort Worth
- **Funding**: $242,000
- **Funding in 2017**: $142,000
- **Purpose**: Towards after-school programming at Polytechnic High School and Morningside Middle School.

### Communities in Schools
- **Funding**: $302,000
- **Funding in 2017**: $145,000
- **Purpose**: Towards intensive case management for at-risk students at five Fort Worth ISD schools.

### Cornerstone Assistance Network
- **Funding**: $396,361
- **Funding in 2017**: $1,382,216
- **Purpose**: Towards case management for students and families at Fort Worth Children’s Partnership schools in the areas of employment and finances to relieve the pressures of living in poverty.

### Cowboy Santas
- **Funding**: $5,000
- **Funding in 2017**: $—
- **Purpose**: Towards a back-to-school event in the Hillside-Morningside neighborhood.

### Diverge Holistic Youth Empowerment
- **Funding**: $—
- **Funding in 2017**: $16,473
- **Purpose**: Towards small group mentoring and experiential learning trips for 80+ students at Morningside Elementary.

### Education Opens Doors
- **Funding**: $25,000
- **Funding in 2017**: $—
- **Purpose**: Towards Roadmap for Success college and career readiness program at McClung Middle School.

### FORT WORTH JR. GOLF ASSOCIATION/FIRST TEE
- **Funding**: $90,000
- **Funding in 2017**: $60,000
- **Purpose**: Towards the First Tee of Fort Worth school-day and afterschool program at Briscoe Elementary to promote leadership, character and life skills.

### FORT WORTH MUSEUM OF SCIENCE & HISTORY
- **Funding**: $180,120
- **Funding in 2017**: $48,180
- **Purpose**: Towards hands-on STEM learning for PK-2nd grade students at partner schools in addition to capital campaign support.

### FWISD - Fort Worth Children’s Partnership
- **Funding**: $5,779,013
- **Funding in 2017**: $4,165,593
- **Purpose**: Towards supports for partner FWISD schools including instructional coaches, attendance incentive plans, family engagement, and out-of-school time.

### FWISD - Fort Worth Children’s Partnership – PK3
- **Funding**: $837,533
- **Funding in 2017**: $—
- **Purpose**: Towards seven PK3 classrooms in high-need FWISD elementary schools, including teacher and teaching assistant salaries, professional development, parent engagement, and material support to classrooms.

### Hillside Community Center
- **Funding**: $—
- **Funding in 2017**: $1,117
- **Purpose**: Towards Mommy’s Day Out programming.

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**First Tee**

Our investment in The First Tee of Fort Worth (First Tee) supported a first-of-its-kind partnership between First Tee and Fort Worth ISD. The school district purchased an existing facility in a high-need neighborhood and a 12,000-square-foot portable classroom that accommodates a learning area, a student lounge, and a staff office. The program serves approximately 70 students from across the neighborhood through an after-school program. First Tee uses the game of golf to encourage leadership, build character, foster a stronger community and promote wellness.

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**Fort Worth Children’s Partnership, Cont.**

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**Fort Worth ISD PK3**

The Foundation has partnered with Fort Worth ISD to create seven full-day classrooms serving three-year-olds (PK3) in four elementary schools located in areas with limited access to high-quality early learning environments. Thus far, PK3 students entering Kindergarten in Fort Worth ISD have all been assessed as Kindergarten Ready by the school district. The PK3 professional learning community has provided teachers with access to targeted coaching, dynamic professional development opportunities and the opportunity to participate in innovative programming like LEHA Grow (a program that utilizes technology to increase the number of meaningful conversations between children and teachers). The learning community has expanded to include PK4 teachers in select schools and has become an example to principals of multi-grade teacher communication and collaboration.
The New Teacher Center
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<tr>
<td>--------------------------------------------------</td>
<td>--------------</td>
<td>--------------</td>
</tr>
<tr>
<td>B Sharp Youth Music Program</td>
<td>$54,000</td>
<td></td>
</tr>
<tr>
<td>City of Fort Worth</td>
<td>$20,000</td>
<td></td>
</tr>
<tr>
<td>Clayton Youth Enrichment</td>
<td>$40,000</td>
<td></td>
</tr>
<tr>
<td>College Golf Fellowship</td>
<td>$35,000</td>
<td></td>
</tr>
<tr>
<td>Dallas After-School Network</td>
<td>$25,000</td>
<td></td>
</tr>
<tr>
<td>Dream Outside the Box</td>
<td>$35,000</td>
<td></td>
</tr>
<tr>
<td>Hope Farm</td>
<td>$15,000</td>
<td></td>
</tr>
<tr>
<td>Reading Partners</td>
<td>$229,000</td>
<td>$724,500</td>
</tr>
</tbody>
</table>

**Reading Partners**

Reading is fundamental to a child’s academic success. Students who learn the basics of literacy by third grade are less likely to need remedial support later in school and are more likely to graduate. Reading Partners empowers community volunteers to provide individualized literacy instruction for elementary students who struggle with reading by using a rigorous curriculum that produces measurable results. Reading Partners operates in five Fort Worth ISD elementary schools, and serves 195 students, with 85% of those students meeting or exceeding their literacy growth goals.

In each partner school, Reading Partners transforms a dedicated space into a reading center and recruits volunteer tutors to serve 40 or more students. Student tutor pairs work together for 45 minutes twice per week, following an individualized reading plan tailored to each student’s needs and strengths as well as Reading Partners’ strategic goals for student reading achievement. For information on how to become a tutor, please visit: [https://northtexas19.my-trs.com/](https://northtexas19.my-trs.com/).

**Reading Proficiency Gap Between 3rd Graders from Moderate Income and Low-Income Families in Tarrant County (58% versus 32%)**

<table>
<thead>
<tr>
<th>2018 Proficiency Gap</th>
<th>2017 Proficiency Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td>58%</td>
<td>32%</td>
</tr>
</tbody>
</table>

Data: [Texas Education Agency (2018)](https://www.tea.texas.gov/).
### Family Support / Engagement

<table>
<thead>
<tr>
<th>Organization</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVANCE, INC.</td>
<td>$53,078</td>
<td>$124,141</td>
<td>Towards two-generation parent engagement program serving Spanish speaking families.</td>
</tr>
<tr>
<td>CHILDREN AT RISK</td>
<td>$125,000</td>
<td>$263,000</td>
<td>Towards the Texas School Guide, with the intent of empowering parents to be better informed advocates for their child's education.</td>
</tr>
<tr>
<td>DALLAS MUSEUM OF ART</td>
<td>$25,000</td>
<td>$—</td>
<td>Towards free Family Day programming related to the &quot;Mexico 1900-1950&quot; exhibition.</td>
</tr>
<tr>
<td>MHMR OF TARRANT COUNTY</td>
<td>$100,000</td>
<td>$—</td>
<td>Towards the Refugee Services Program, which provides navigation, case management and crisis services to refugee families, especially within FWCP schools.</td>
</tr>
<tr>
<td>NEWDAY SERVICES FOR CHILDREN &amp; FAMILIES</td>
<td>$11,262</td>
<td>$6,921</td>
<td>Towards parent engagement programming aimed to improve father/child relationships.</td>
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</tbody>
</table>

**Sum of Family Support / Engagement**: $499,297 \( \rightarrow \) 584,781

---

### Education

<table>
<thead>
<tr>
<th>Organization</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARENT TEACHER HOME VISITS</td>
<td>$3,000</td>
<td>$—</td>
<td>Towards sponsorship of a North Texas conference on the parent teacher home visiting program.</td>
</tr>
<tr>
<td>THE PARENTING CENTER</td>
<td>$18,157</td>
<td>$41,498</td>
<td>Towards parent education courses and family counseling for parents in Fort Worth.</td>
</tr>
<tr>
<td>STAND FOR CHILDREN</td>
<td>$—</td>
<td>$49,999</td>
<td>Towards implementation of the parent teacher home visiting program with partner schools in Fort Worth ISD.</td>
</tr>
<tr>
<td>UNITED WAY OF METROPOLITAN DALLAS</td>
<td>$50,000</td>
<td>$—</td>
<td>Towards the &quot;Many Hands&quot; home literacy program.</td>
</tr>
<tr>
<td>ZERO-TO-FIVE FUNDERS' COLLABORATIVE / THE DALLAS FOUNDATION</td>
<td>$—</td>
<td>$75,999</td>
<td>Towards implementation of family engagement programs for parents and children ages 0-5 in the Bachman Lake area.</td>
</tr>
</tbody>
</table>

**Sum of Education Funding**: $231,093 \( \rightarrow \) 584,781

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**Parent Engagement Collaborative**

Four years ago, the Rainwater Charitable Foundation partnered with two other local foundations (The Miles Foundation and The Morris Foundation) to bring together a group of family engagement program providers from the DFW metroplex to better support families of young children in high need Fort Worth ISD schools. While parents and primary caregivers want what is best for their children, not all families are the same, and no single family engagement program will effectively serve all families. The diverse group of agencies represented in the Parent Engagement Collaborative and individual Fort Worth ISD schools work together to make sure that an increasing number of mothers, fathers, grandparents, and other caregivers have access to the learning and support they need to be their child’s first teacher and best advocate.
In 2010, Walter Rainwater and Foundation staff made a visit to Morningside Middle School to better understand how the Foundation might help improve student outcomes at the school. During the visit we learned about a pending Promise Neighborhood grant that would mobilize community partners in a community partnership for student success.

EDUCATION
EARLY CHILDHOOD EDUCATION

We believe, and research has proven, that every child should have enriching learning experiences at home, in the classroom, and in the community, so that they grow up to be happy, healthy, and successful.

The first five years of life are the most significant for brain development. The pathways for cognitive, linguistic, and behavioral functions created during these years are the basis for long-term success in school and life. Brain development is heavily influenced by the environment and by adult relationships that surround a child. Enriching adult-child interactions are key.

Our early childhood investments prioritize data-driven organizations, programs, and initiatives that increase access to transformational early childhood learning for all children. To ensure high-quality early learning experiences for all children, we are currently focused on four strategies:

1. Increasing affordable, high-quality early learning childcare classrooms and experiences for 0–3-year-olds
   We support professional development and personalized coaching for early childhood teachers and directors. This increases the quality of instruction as well as a center’s administrative capacity to effectively serve more children.

2. Creating more free high-quality pre-kindergarten programs in public schools for 3- and 4-year-olds
   We use private funding to take federal and state funded programming (Head Start and ISD Pre-K) to the next level with innovative professional development and curriculum programming as well as support for additional classrooms in high-need neighborhoods.

3. Providing support for parents and primary caregivers
   We support evidence-based, two-generation family engagement programs, and access to early learning resources that strengthen the parent-child bonds needed to prepare children for success in school and beyond.

4. Supporting and catalyzing cross-sector collaboration between public systems and private entities
   We provide backbone and flexible funding for local collective impact early childhood systems change initiatives that leverage large-scale cross-sector collaboration.

We believe, and research has proven, that every child should have enriching learning experiences at home, in the classroom, and in the community, so that they grow up to be happy, healthy, and successful.
Early Childhood Education

Early Childhood Roundtable Texas Rising Star Boost Project

The Texas Rising Star quality rating system (TRS) was tied to Texas Workforce Commission child-care subsidy reimbursement rates in 2013 to incentivize child-care centers to increase their program quality. With TRS, centers with higher-quality programs receive higher reimbursement rates, thus incentivizing quality. Unfortunately, some of the centers in highest need for this support are ineligible for the program due to previous licensing deficiencies. In 2017, the Rainwater Charitable Foundation began meeting with Texas Workforce Solutions, FWISD's Early Childhood Department, Educational First Steps, Camp Fire First Texas, Child Care Associates, and The Morris Foundation to look for ways to increase the high-quality early childhood center capacity in Fort Worth, and the TRS Boost Project was born. Funding for the TRS Boost program (co-funded with The Morris Foundation) allows Texas Rising Star mentors to work with centers to address their deficiencies and become eligible for the TRS support system. The program has garnered a high level of interest from child-care centers and has contributed to Tarrant County having one of the fastest growing number of quality child-care centers in the state.

Early Learning Alliance

Tarrant County's Early Learning Alliance (ELA) is a community collaboration of more than 50 organizations working together to build an educational foundation that children are provided with in school and in life. ELA understands that the only way to achieve significant and sustainable change is to build the high-quality early-childhood system. The ELA collaborative includes the private, public, in-kind, and philanthropic support in the early childhood space to provide initiatives that are effective in improving the lives of all children in Tarrant County.

EDUCATIONAL FIRST STEPS

Toward support of child-care centers to increase enrollment and financial stability through marketing, administrative support, and academic consulting.

LENA

Translating technology and parent education that helps parents improve critical conversational interactions with young children.

LENA POPE HOME

Translating parental support.

FORTRESS YOUTH DEVELOPMENT CENTER

Toward the free child care for young children and parent engagement services.

Sum of Early Childhood Education

$ 1,708,249 961,725

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The image contains text from a report, including financial information and program details related to early childhood education. The text is structured in tables and paragraphs, providing a comprehensive overview of various programs and their funding. The report highlights initiatives that focus on specific areas such as early literacy, school readiness, and family support services. It also discusses the strategies and partnerships developed to improve early childhood education and care in Tarrant County, with a particular emphasis on the Texas Rising Star Boost Project. The report underscores the collaborative efforts of multiple organizations aiming to enhance early childhood outcomes through quality programs and supportive policies.
RECOGNIZING COMMUNITY PARTNERSHIPS

Commit Best in Class

The Best in Class Coalition is united behind a shared vision for transforming teacher and school leader pipelines in the Dallas/Fort Worth region. A collaborative of educators, school districts, businesses, universities, government, civic organizations, nonprofits, foundations, and community advocates, Best in Class works to ensure all children in DFW benefit from effective, dynamic teachers. The coalition adheres to data-driven strategies and a continuous-improvement approach to attract, prepare, develop, and retain highly effective teachers and principals.

Early Learning Alliance

Founded in 2013, the Early Learning Alliance is a ten-year movement to create an equitable early learning system for all children in Tarrant County. The Alliance’s over 50 members include organizations and individuals representing government, public education, child care providers, faith-based organizations, healthcare, and philanthropy. Using data, best practices, strategic investments, public support and sound public policies, the Early Learning Alliance seeks to create a system where children and families thrive.

Early Matters Dallas

Early Matters Dallas is a broad-based coalition of business, civic, education, philanthropic and non-profit organizations, and volunteers working together to raise awareness about, and advocate for, the importance of high-quality early education for a strong-economy tomorrow. Early Matters leaders continuously advocate for increased financial resources allocated to this critical area.

Fort Worth Best Places for Kids

To be the Best Place for Kids, Fort Worth needs places and spaces in every neighborhood and across diverse environments that allow our children, families, and educators to interact, learn, and grow together. In 2018 a group of local foundations, early childhood leaders, and the Mayor’s office put together a cross-sector blueprint with four pillars: repurposing existing places and spaces to better serve more young children, incentivizing and promoting family-friendly business practices; utilizing summer school spaces to ensure successful kindergarten transitions; and identifying and celebrating innovative Fort Worth businesses, organizations, and individuals that make this the best city for kids.

Fort Worth Funders Roundtable on Education

Recognizing that there is much to be learned from each other, Fort Worth foundations that fund educational initiatives meet quarterly to share learnings and discuss collaborative community efforts. The Roundtable is a space for funders to talk and learn about key issues in education, including early childhood, data literacy, college completion, teacher development, and public-private partnerships.

Raising of Fort Worth

Raising of Fort Worth is a series of community convenings designed to bring a diverse group of stakeholders together to raise the awareness of early childhood education and learn about actionable steps each sector can take to ensure every child in Fort Worth has a strong start. Communities from across the country with innovative examples of multi-sector collaboration have presented at Raising of Fort Worth and continue to serve as thought partners for the Fort Worth community.

Read Fort Worth

Read Fort Worth was created by a coalition of business, civic, education, philanthropic, non-profit, and volunteer leaders to ensure that 100 percent of Fort Worth third-graders are reading at grade level by 2025. As a backbone organization, Read Fort Worth connects and supports existing initiatives, programs, and providers through data, communications, and facilitation to dramatically improve academic outcomes for children ages 0 to 8.

Many children face multi-faceted challenges brought about by poverty, trauma, and racial inequity. To better support them, we work collaboratively across sectors and geographies to create long-term partnerships and new solutions for these complex problems. We are deeply grateful for the dynamic and dedicated partners that are willing to roll up their sleeves and do the difficult but rewarding work needed to give children in our community a brighter future.
Practice-Based Preparation and Development
Building from best practices identified through our work a decade ago with the Rainwater Leadership Alliance, we support principal training programs that incorporate experiential in-school practice, create space for peer learning, and instill a culture of continuous improvement.

Actionable Data
Educational environments are often data rich but information poor. We strive to organize, visualize, and reflect on educational data in ways that inform targeted strategies to improve student outcomes.

Adequate Resources
As the decision makers closest to the student experience, principals are best positioned to know what strategies are needed to improve student outcomes on their campuses. Principals in the Fort Worth Children’s Partnership apply directly by school grant funds that can be used for personnel, training, curriculum materials, support services or other resources to strengthen instruction and campus culture.

We have many examples from around the country that illustrate that principals can improve from “high-potential” to “high-performing” with targeted development. In Chicago, for example, experts have shown that principal effectiveness can increase at scale. We believe that principals make the best decisions when they have:

Input from a Diverse Team
Great leaders collaborate with their staff to solicit input on strategies, effectively implement decisions, and increase leadership capacity. Our partners at Teaching Trust exemplify this belief in their Leadership Teams Program. They train and support school leadership teams to align on campus vision, strengthen data-driven instruction, build an aspirational school culture, and accelerate student academic progress.

Systemic Supports
School leaders make decisions within the constraints of a larger system, which can either enable or encumber the decision-making process. We strive to influence systemic conditions in ways that deliver responsive, targeted supports and remove barriers for school leaders, particularly those leaders with a proven track record of success.
School Leadership

<table>
<thead>
<tr>
<th>Grantor</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMUNITIES FOUNDATION OF TEXAS</td>
<td>$3,000</td>
<td>$3,000</td>
<td>$300,000</td>
<td>$300,000</td>
</tr>
<tr>
<td>TOWARDS A PEER LEARNING COMMUNITY WITH TEXAS-BASED FUNDERS AND NON-PROFITS FOCUSED ON IMPROVING SCHOOL LEADERSHIP.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEORGE W. BUSH FOUNDATION</td>
<td>$250,000</td>
<td>$350,000</td>
<td>$250,000</td>
<td>$150,000</td>
</tr>
<tr>
<td>TOWARDS INTENSIVE CONSULTING AND COACHING WITH A COHORT OF FOUR SCHOOL DISTRICTS CURRENTLY IMPLEMENTING THE TEACHING TRUST PRINCIPAL TALENT MANAGEMENT FRAMEWORK.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOLDSWORTH CENTER</td>
<td>$5,000</td>
<td>$115,000</td>
<td>$5,000</td>
<td>$115,000</td>
</tr>
<tr>
<td>TOWARDS SPONSORSHIP OF THE ELEVATEED CONFERENCE IN DALLAS.</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEW LEADERS</td>
<td>$—</td>
<td>$115,000</td>
<td>$—</td>
<td>$115,000</td>
</tr>
<tr>
<td>TOWARDS THE EMERGING LEADERS PROGRAM TO STRENGTHEN THE PRINCIPAL PIPELINE THROUGH PRACTICE-BASED TRAINING AND COACHING.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMUNITY FOUNDATION OF TEXAS**

**GEORGE W. BUSH FOUNDATION**

**HOLDSWORTH CENTER**

**NEW LEADERS**

**Teaching Trust**

Teaching Trust provides intensive training and coaching to develop great leaders, great teams, and great schools. Through the Leadership Teams program, Teaching Trust works with educators to align campus vision, strengthen data-driven instruction, build an aspirational school culture, and accelerate student academic progress. This unique approach promotes sustainability by building trust and efficacy among educators, emphasizing applied learning, and dispersing and anchoring best practices with diverse teams. Teaching Trust closely tracks program outcomes, seeking to demonstrate that stronger principals and educators positively impact student achievement. In 2018, 63% of schools led by Teaching Trust Leadership Teams outperformed peer schools on student academic growth. 

**Teaching Trust Schools Within Partner Districts Outpace the State Average in Proficiency Gains**

<table>
<thead>
<tr>
<th>PrincipalTenure</th>
<th>Accumulated Proficiency Gain (on TEKS exam)</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>1</td>
<td>5%</td>
</tr>
<tr>
<td>2</td>
<td>10%</td>
</tr>
<tr>
<td>3</td>
<td>15%</td>
</tr>
<tr>
<td>4</td>
<td>20%</td>
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</tbody>
</table>

**Texas Schools Average**

**Teaching Trust Schools Within Partner Districts**
Teacher Pipeline and Development

<table>
<thead>
<tr>
<th>Organization</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>BORDER CROSSERS</td>
<td>0</td>
<td>— 20,000</td>
</tr>
<tr>
<td>NATIONAL ALLIANCE FOR PARTNERSHIPS IN EQUITY EDUCATION FOUNDATION</td>
<td>0</td>
<td>— 35,000</td>
</tr>
<tr>
<td>NATIONAL COUNCIL ON TEACHER QUALITY</td>
<td>0</td>
<td>— 141,000</td>
</tr>
<tr>
<td>THE NEW TEACHER PROJECT</td>
<td>0</td>
<td>45,005 —</td>
</tr>
<tr>
<td>REAL SCHOOLS GARDENS (NOW CALLED OUT TEACH)</td>
<td>0</td>
<td>100,000 —</td>
</tr>
<tr>
<td>RELAY GRADUATE SCHOOL OF EDUCATION</td>
<td>0</td>
<td>100,000 100,000</td>
</tr>
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</table>

Sum of Teacher Pipeline and Development: $595,035 846,000

College and Career Readiness

<table>
<thead>
<tr>
<th>Organization</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACADEMIC SUCCESS PROGRAM</td>
<td>0</td>
<td>40,000</td>
</tr>
<tr>
<td>EDUCATION IS FREEDOM</td>
<td>0</td>
<td>250,000</td>
</tr>
<tr>
<td>HIGH SCHOOL HIGH SCHOLAR (HS2)</td>
<td>0</td>
<td>21,000 21,000</td>
</tr>
</tbody>
</table>

Sum of College and Career Readiness: $440,580 36,000
HIGHLIGHT

EDUCATION

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 experience 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
- Persisted in the face of obstacles
- Never allowed circumstances to define them, and
- 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
- Mentorship and coaching to help scholars navigate college applications, selection and persistence

The application process is open to juniors at any Tarrant County public school who have a demonstrated ability to overcome obstacles and a proven need for financial assistance. The online application portal is typically open during December and January, and selections are made in May. For information about how to get involved, or to learn more, please visit: dreambigfortworth.org.

2017 & 2018 Dream Big Fort Worth Scholarship Winners

Maria Villagomez
Trimble Technical High School
(Class of 2018)
Tarrant County Community College
"I am a Determined Scholar because I do not give up at the sight of failure. I am disciplined and hopeful for my future."

2017 & 2018 Dream Big Fort Worth Scholarship Winners

Brian Dickson, Jr.
Young Men’s Leadership Academy
(Class of 2018)
Texas Christian University
"I am a Determined Scholar because I don’t allow my challenges in life to limit my level of success."
2017 & 2018 Dream Big Fort Worth Scholarship Winners

Daniela Romero  
Arlington Heights High School  
(Class of 2018)  
University of Texas at Arlington  
“I am a Determined Scholar because of my hard work, ambition, and commitment to strive for a better future.”

Niang Muang  
Trimble Technical High School  
(Class of 2018)  
Texas Christian University  
“I am a Determined Scholar because I am optimistic for my future.”

Nikita Kabir  
Arlington High School  
(Class of 2018)  
Texas AM University  
“I am a Determined Scholar because I make use of every opportunity I am given, and I do not give up.”

Jacob Wells  
Southwest High School  
(Class of 2018)  
University of North Texas  
“I am a Determined Scholar because I am persistent in my pursuit of a strong education to create a better future.”

Kelsey Joyce  
Arlington High School  
(Class of 2019)  
University of Texas at Arlington  
“I am a Determined Scholar because I want to be somebody’s role model someday.”

Daniela Romero  
Arlington Heights High School  
(Class of 2018)  
University of Texas at Arlington  
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Kelsey Joyce  
Arlington High School  
(Class of 2019)  
University of Texas at Arlington  
“I am a Determined Scholar because I want to be somebody’s role model someday.”

Janette Estupinan  
Young Women’s Leadership Academy  
(Class of 2019)  
Texas Christian University  
“I am a Determined Scholar because I do not allow my limitations to restrict my future goals.”

Janette Estupinan  
Young Women’s Leadership Academy  
(Class of 2019)  
Texas Christian University  
“I am a Determined Scholar because I do not allow my limitations to restrict my future goals.”

Kristian Gaytan  
Young Women’s Leadership Academy  
(Class of 2019)  
Texas Christian University  
“I am a Determined Scholar because failure is not an option. I am expected to learn and entitled to achieve.”

Kelsey Joyce  
Arlington High School  
(Class of 2019)  
University of Texas at Arlington  
“I am a Determined Scholar because I want to be somebody’s role model someday.”
### Charter Schools

<table>
<thead>
<tr>
<th>School</th>
<th>2017 Funding</th>
<th>2018 Funding</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDEA PUBLIC SCHOOLS</td>
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<td>1,000,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIPP FOUNDATION</td>
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<td>150,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIPP ST. LOUIS</td>
<td>—</td>
<td>50,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UPLIFT EDUCATION</td>
<td>1,150,000</td>
<td>1,000,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sum of Charter Schools**  $2,800,000  $2,200,000

### Other Schools

<table>
<thead>
<tr>
<th>School</th>
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<th>2018 Funding</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTENDANCE WORKS (COMMUNITY INITIATIVES)</td>
<td>$43,550</td>
<td>$—</td>
<td></td>
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</tr>
<tr>
<td>BARACK OBAMA MALE LEADERSHIP ACADEMY</td>
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<td>$—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BULLARD ISD</td>
<td>$92,982</td>
<td>$—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRISTO REY FORT WORTH</td>
<td>$—</td>
<td>$238,899</td>
<td></td>
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</tr>
<tr>
<td>THE FOUNDATION FOR THE YOUNG WOMEN’S LEADERSHIP ACADEMY</td>
<td>$35,000</td>
<td>$35,000</td>
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</tr>
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</table>

**Sum of Other Schools**  $854,464  $504,979

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### Additional Information

- **TEA Accountability Data Website**
- **TEACHER TURNOVER FOR THE STATE OF TEXAS IS 16.4%**
In 2017, Fort Worth ISD designated five historically underperforming schools as Leadership Academies. The new learning model instituted at these campuses included strategic staffing, extended instructional hours, positive culture and climate initiatives, and rigorous instructional quality monitoring. Funding from the Rainwater Charitable Foundation expanded the capacity of after-school programming, provided uniforms for all students, and supported special projects proposed by school leaders. In the first year of implementation, each Leadership Academy came off the Texas Education Agency’s Improvement Required list and demonstrated levels of student growth that placed them among the top half of campuses across the state.

While FWISD and the Foundation made an initial commitment to fund the Leadership Academy model for three years, recent legislation made it possible to sustain the initiative as a “Texas Partnership” under which FWISD authorizes a carefully selected partner to manage schools under a performance contract. In 2019, the Texas Education Agency approved a partnership between Fort Worth ISD and Texas Wesleyan University to build on the early successes at these schools. The Rainwater Charitable Foundation is proud to support this first-of-its-kind partnership which promotes innovation and autonomy in service to some of the highest-need students in Fort Worth.

**FWISD Leadership Academies**

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWISD—LEADERSHIP ACADEMIES</td>
<td>$1,010,665</td>
<td>$1,257,930</td>
</tr>
<tr>
<td><strong>Sum of Leadership Academies</strong></td>
<td>$1,010,665</td>
<td>$1,257,930</td>
</tr>
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EXTRA INSTRUCTIONAL MINUTES FOR STUDENTS EACH YEAR AT LEADERSHIP ACADEMIES

Rainwater Charitable Foundation
Collective Impact

<table>
<thead>
<tr>
<th>ORGANIZATION</th>
<th>FUNDING 2018</th>
<th>FUNDING 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMIT!</td>
<td>$650,000</td>
<td>$500,000</td>
</tr>
<tr>
<td>READ FORT WORTH (NORTH TEXAS COMMUNITY FOUNDATION)</td>
<td>$1,000,000</td>
<td>—</td>
</tr>
<tr>
<td>STRIVE TOGETHER</td>
<td>—</td>
<td>$250,000</td>
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</table>

**Sum of Collective Impact** $1,650,000 $750,000

Other Education Funding

<table>
<thead>
<tr>
<th>ORGANIZATION</th>
<th>FUNDING 2018</th>
<th>FUNDING 2017</th>
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<tbody>
<tr>
<td>CATHOLIC CHARITIES OF FORT WORTH</td>
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<tr>
<td>CENTER FOR NONPROFIT MANAGEMENT</td>
<td>$32,451</td>
<td>—</td>
</tr>
<tr>
<td>THE COOPER INSTITUTE</td>
<td>$50,000</td>
<td>$50,000</td>
</tr>
<tr>
<td>DALLAS HOLOCAUST MUSEUM</td>
<td>$25,000</td>
<td>—</td>
</tr>
<tr>
<td>DREAM PARK</td>
<td>$25,000</td>
<td>—</td>
</tr>
<tr>
<td>ESSELSER VISION FOUNDATION</td>
<td>—</td>
<td>$50,000</td>
</tr>
</tbody>
</table>

Organizations across DFW participated in collaborative efforts supported through Collective Impact funding from Rainwater Charitable Foundation.
Hurricane Harvey Relief

In August 2017, Hurricane Harvey made landfall and devastated the Texas Gulf Coast—impacting more than 17,000,000 Texans. More than 42,000 students were displaced across school districts, and it is estimated that the damage done to the Gulf Coast region will require years of support and hundreds of billions of dollars to rebuild infrastructure, including schools. Recognizing the need for a rapid response to help the children affected by the hurricane, the Rainwater Charitable Foundation joined a coalition of local, state, and national funders to launch the Harvey KIDS Education Fund. The fund was created to provide expedited financial support to help affected students and schools recover from the catastrophic needs.

The Harvey KIDS Education Fund deployed a total of $1.6 million in grant funds over the span of five months to 25 school districts and charter schools benefiting approximately 70,000 students. These emergency funds allowed school districts to provide transportation to and from school for impacted students and teachers, mental health resources for children traumatized by the storm, and targeted tutoring and instructional support to make up missed days of learning due to the hurricane and its aftereffects.
Medical Research Funding

In 2009, shortly after Richard Rainwater was diagnosed with a rare neurodegenerative disease called Progressive Supranuclear Palsy (PSP), he and his family met with Dr. Bruce L. Miller, one of the world’s leading physicians on neurodegenerative diseases, on the campus of the University of California at San Francisco. Afterwards, Dr. Miller, along with Dr. Kenneth S. Kosik at the University of California at Santa Barbara and Dr. Robert Kenet at New York-Presbyterian/Weill Cornell Medical College, arranged a meeting for Richard at Cornell University with some of the top scientists and clinicians from around the world.

“From the initial Cornell meeting in 2009, the idea of a consortium evolved very quickly,” says Dr. Miller. “It was focused on Richard, which was the right thing, and his presence there was particularly inspiring to the scientists in the room from the start. We felt that the idea of a collaborative of an eclectic group of people was novel, but in retrospect it kind of mirrored the way Richard operated.” Shortly thereafter, the Rainwater Charitable Foundation launched the Tau Consortium as its first foray into medical research. Since that time, the Foundation’s medical research initiatives have expanded and evolved, but the core mission has remained unchanged:

- Funding world-class basic research and drug discovery to accelerate the development of new treatments for PSP and other neurodegenerative disorders involving the toxic build-up of the tau protein
- Encouraging academic researchers, non-profit organizations, industry players, and regulators to work collaboratively for the benefit of patients
- Providing leadership for special initiatives to accelerate our collective progress

Today our medical research program includes the Tau Consortium, the Rainwater Prize Program, and several other initiatives, all of which are designed to accelerate the development of new treatments for those who suffer from tauopathies. Since 2009, the Foundation has invested more than $115 million in our medical research program. This accounts for more than 60% of all tau-related grantmaking by U.S. philanthropies over the last decade, including more than 75% of the funding provided for treatment development projects.

We recognize that patients and families are counting on us. That’s why we act with urgency and with the patient in mind.

From basic research to clinical trials, working with patient groups, the U.S. Food and Drug Administration (FDA), other funders, and pharmaceutical companies, our mission is to find ways to guide additional effective treatments into clinical trials, with the ultimate goal of finding a cure for tauopathies.

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The human brain has 100 billion neurons, each neuron connected to 10 thousand other neurons. Sitting on your shoulders is the most complicated object in the known universe.

— Michio Kaku
What is tau and why focus on tauopathies?

The tau protein is present in the brains of healthy people, but its abnormal buildup seems to be an important characteristic 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 appears to be the primary pathology, while in other tauopathies (e.g., Alzheimer’s), there may be other proteins that are aggregating in addition to tau.

As part of normal function, proteins in the body fold into different shapes to perform specific functions. 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 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 critical for the development of new treatments in this field.

Progressive Supranuclear Palsy is a relatively rare disease, but it is no longer being overlooked by the pharmaceutical industry. The FDA’s orphan drug program helps to streamline the drug development process, which improves potential financial returns. And 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.
## 2017 & 2018 Medical Research Giving Summary

<table>
<thead>
<tr>
<th>Project</th>
<th>Amount</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Tau Consortium Investigators’ Meetings</td>
<td>$1,640,367</td>
<td>Page 58</td>
</tr>
<tr>
<td>B. Mechanisms &amp; Models</td>
<td>$6,862,834</td>
<td>Page 60</td>
</tr>
<tr>
<td>C. Genomics and Stem Cells</td>
<td>$5,318,682</td>
<td>Page 64</td>
</tr>
<tr>
<td>D. Drug Discovery &amp; Translation</td>
<td>$6,902,164</td>
<td>Page 66</td>
</tr>
<tr>
<td>E. Clinical Trials and Biomarkers</td>
<td>$5,291,852</td>
<td>Page 75</td>
</tr>
<tr>
<td>F. Core Platforms</td>
<td>$4,651,578</td>
<td>Page 80</td>
</tr>
<tr>
<td>G. Other Medical Research Funding</td>
<td>$317,548</td>
<td>Page 86</td>
</tr>
<tr>
<td>H. Tau Pipeline Enabling Program (T-PEP)</td>
<td>$274,805</td>
<td>Page 87</td>
</tr>
<tr>
<td>I. Rainwater Prize</td>
<td>$137,044</td>
<td>Page 88</td>
</tr>
</tbody>
</table>

### Medical Research by the Numbers

**14 MILLION**

The projected number of Americans who will have Alzheimer’s disease or a related dementia by 2050.

**1 IN 3**

The number of seniors who die with Alzheimer’s or another dementia – these dementias kill more than breast cancer and prostate cancer combined.

**$119,654**

Total annual economic burden per patient diagnosed with frontotemporal dementia (FTD), which includes pure tauopathies like PSP.

**6.2%**

Cost for developing a central nervous system drug.

**$2.6 BILLION**

Clinical trial success rate for central nervous system drug candidates.

---

2. Ibid.
The Tau Consortium is an innovative medical research program that was launched in 2009 by the Rainwater Charitable Foundation. In 2017 and 2018, the Consortium funded research at approximately two dozen prestigious academic research institutions, with the goal of making new discoveries to help feed the pipeline of new treatments moving toward human trials.

The Consortium then helps these academic researchers translate their discoveries into novel therapeutics for tauopathies. Integral to the Tau Consortium’s philosophy is collaboration—members must work with each other and with external partners with the aim of accelerating their progress. Major advances have already been achieved using this model. In just a few short years, 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. Most important, we’ve helped to put eight treatments into human trials and have nearly two dozen more drug discovery programs in the pipeline. Increasingly, the Tau Consortium is recognized as a leader in the field. The following pages highlight the various research projects taking place around the world.
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.

Eric J. Nestler, MD, PhD is the Nash Family Professor of Neuroscience, Director of The Friedman Brain Institute, and Dean for Academic and Scientific Affairs at the Icahn School of Medicine at Mount Sinai in New York. In 2017, he served as the President of the Society for Neuroscience, the field’s largest organization of scientists and physicians devoted to understanding the brain and nervous system. Dr. Nestler has served on the Tau Consortium’s Scientific Advisory Board since 2012 and currently serves as its Chair.

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 P. Boeve, MD serves as Professor of Neurology and Director of the Division of Behavioral Neurology at 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.

Everett R. Cook, MBA is a managing member at Pouschine Cook Capital Management, LLC, a firm that he co-founded in 1998. Mr. Cook serves on the Board of several non-profit organizations, including CurePSP, where he serves as Vice-Chair. He joined the Tau Consortium’s Scientific Advisory Board in 2014.

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.
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 a founding Co-Director of the Tau Consortium and transitioned to the Scientific Advisory Board in 2018.

Maria Grazia Spillantini, PhD is Professor of Molecular Neurology at the University of Cambridge in the United Kingdom. An elected Fellow of The Royal Society, she is credited with many important discoveries in the understanding of Parkinson’s disease, dementia with Lewy bodies, and frontotemporal dementia. Dr. Spillantini joined the Tau Consortium’s Scientific Advisory Board in 2018.

In Gratitude to Our Founding Scientific Co-Directors

Drs. Bruce Miller and Ken Kosik were the founding Scientific Co-Directors of the Tau Consortium. The program simply would not exist today without the vision and leadership of these two pioneering researchers.

In the early days of the Tau Consortium, the Directors were instrumental in defining the interdisciplinary scope of the program, recruiting the best researchers in the world, and forging an effective model for accelerating their work. The Directors’ unwavering commitment to world-class science and collaboration across disciplines and institutions was ahead of its time. The model they pioneered quickly began to produce results and has since been replicated by many other groups.
Since the Tau Consortium’s inception, an integral part of the program has been a twice-annual conference to support the efforts of our funded researchers. These invitation-only gatherings serve as the backbone of our medical research program.
Mechanisms and Models Research

To find better treatments, researchers need to better understand the diseases they are working to treat. Our funded research aims to uncover the biological mechanisms that enable neurodegenerative diseases and identify pathways that could be targeted to prevent disease. This area of research focuses on the mechanisms behind tau protein production as well as tau propagation. We have the basic cell network formed from cell self-assembly. We also have a strong research focus on the mechanisms that naturally clear tau, and how we might develop treatments to speed up the clearance of these toxic proteins or even prevent accumulation.

A necessary component of studying these diseases in the lab is the development and use of relevant models that accurately depict the disease as it develops in humans. Researchers take these model systems to test potential therapies, look for molecular changes at different stages, and measure tau levels. These model systems allow for rapid hypothesis testing, making it possible to evaluate mechanisms of tauopathies like PSP that may be too slow to be effective treatments for patients.

Mechanisms and Models Funded Research

COLUMBIA UNIVERSITY MEDICAL CENTER
Researcher: Karen Duff, PhD
Impact of tau strains on phenotype diversity.

HARVARD MEDICAL SCHOOL/MASSACHUSETTS GENERAL HOSPITAL
Researcher: Judith Steen, PhD
Impact of tau strains on phenotype diversity.

J. DAVID GLADSTONE INSTITUTES
Researcher: Lennart Mucke, MD
Pathogenic mechanisms of A152T-variant hTau and related therapeutic strategies.

MASSACHUSETTS GENERAL HOSPITAL/HARVARD MEDICAL SCHOOL
Researcher: Bradley T. Hyman, MD, PhD
Cell specific features of tau propagation.

MASSACHUSETTS GENERAL HOSPITAL/HARVARD MEDICAL SCHOOL
Researcher: Joshua Levison, MD, PhD
Understanding how "damaged" tau is cleared by the molecular chaperone network.

MASCHUSETTS GENERAL HOSPITAL/HARVARD MEDICAL SCHOOL
Researcher: Lea Grinberg, MD, PhD
Neurological basis of sleep disruption in PSP and other tauopathies.

MOUNT SINAI SCHOOL OF MEDICINE
Researcher: Alison M. Goate, DPhil
Understanding the regulation of MAPT.

MOUNT SINAI SCHOOL OF MEDICINE
Researcher: David Finger, MD
Investigating transposable element activation as a causal mediator of neuronal death in tauopathy.

NEURAL STEM CELL INSTITUTE
Researcher: Lea Grinberg, MD, PhD
Neurological basis of sleep disruption in PSP and other tauopathies.

UNIVERSITY OF CALIFORNIA, SANTA BARBARA
Researchers: Kenneth S. Kosik, MD, Songi Han, PhD
Tau uptake and its liquid phase separated state.

UNIVERSITY OF CALIFORNIA, SANTA BARBARA
Researcher: Lea Grinberg, MD, PhD
Protein conformational signature of tau neuropathology.

UNIVERSITY OF SOUTHERN CALIFORNIA
Researcher: Justin Ichida, PhD
Defining the role of microglia in neurodegeneration caused by mutations in MAPT.

UT HEALTH SCIENCE CENTER SAN ANTONIO
Researcher: Debra Frost, PhD
Investigating transposable element activation as a causal mediator of neuronal death in tauopathy.

UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER
Researcher: David Holtzman, MD
Effects of TREM2 and ApoE on tau-mediated neurodegeneration.

WASHINGTON UNIVERSITY IN ST. LOUIS
Researchers: Celeste Karch, PhD, David Holtzman, MD
Dysregulation of proteostasis in stem cell models of tauopathies.

WASHINGTON UNIVERSITY IN ST. LOUIS
Researchers: Cynthia He, PhD, David Holtzman, MD
Effects of TRAD and ApoE on tau-mediated neurodegeneration.

WASHINGTON UNIVERSITY IN ST. LOUIS
Researchers: Timothy Miller, MD, PhD, Celeste Karch, PhD
Defining the role of tau isoforms in changes and amyloid pathogenesis.
Ana Maria Cuervo, MD, PhD serves as co-director of the Einstein Institute for Aging Research at the Albert Einstein College of Medicine. Her work focuses on understanding why the body’s normal mechanisms for removing toxic proteins from cells do not work properly in tau-related diseases like Alzheimer’s and PSP. A major goal of her research is to restore the normal function of the body’s cellular cleaning systems. Dr. Cuervo has received several awards for her work and was named to the 2018 Highly Cited Researchers List (ranking of top 1% cited researchers). She is the Chair of the National Institute on Aging’s Board of Scientific Counselors and is an elected member of the American Academy of Arts and Sciences.

Bradley T. Hyman, MD, PhD serves as Director of the Massachusetts Alzheimer Disease Research Center at Massachusetts General Hospital, Harvard Medical School. Dr. Hyman’s work focuses on understanding the spreading of the tau protein from neuron to neuron, with an interest in uncovering exactly which form of tau most active in its ability to move across the brain. Dr. Hyman was given the top-cited author designation by Web of Science in 2018. He was also named to the Executive Committee and the Project Evaluation Committee of the Alzheimer’s Clinical Trials Consortium (ACTC), the national clinical trials program supported by the National Institute on Aging.

David Rubinsztein, MB CHB, BSC(MED), PhD serves as Wellcome Trust Principal Research Fellow and Deputy Director of the Cambridge Institute for Medical Research. Dr. Rubinsztein’s research aims to ameliorate diseases caused by tau accumulation by enhancing the cellular removal of this protein, a concept supported by a number of studies in different in vivo models. His work focuses on a class of receptors on the cell surface (called G protein-coupled receptors) that impact tau degradation. Dr. Rubinsztein was the 2017 winner of the Roger de Spoelberch Prize. He was also named a Clarivate Analytics Highly Cited Researcher in 2018, a list that recognizes worldwide researchers whose citation records position them in the top 1% for their field and year in Web of Science.

In August 2017, in a study that was partially funded by the Tau Consortium, a team of researchers from the University of California, San Francisco and the University of California, Berkeley used positron emission tomography (PET) imaging data from 40 patients to show that the tau protein is building up specifically in those areas of the living brain that are known to cause problems in Alzheimer’s Disease. The findings suggest that tau may be playing a much more direct and significant role in the disease than the amyloid protein does. As the researchers explained in the article:

“Our results showed that decreased cognitive performance in each domain was related to increased Tau PET signaling in specific brain regions conforming to established brain-behavior relationships... Together, these results show that tau pathology is related in a region-specific manner to cognitive impairment in Alzheimer's disease. These regional relationships are weakly related to Amyloid burden but are in part mediated by grey matter volumes. This suggests that tau pathology may lead to cognitive deficits through a variety of mechanisms, including, but not restricted to, grey matter loss. These results might have implications for future therapeutic trials targeting tau pathology.”

This exciting study speaks to the Tau Consortium’s potential impact in PSP, Alzheimer’s, and beyond. It was published in the October 2017 issue of Brain and Life Magazine and was title “Tau Pathology and Neurodegeneration Contribute to Cognitive Impairment in Alzheimer’s Disease”. It was co-authored by Tau Consortium members Dr. Gil Rabinovici, Dr. Bill Jagust, Dr. Bruce Miller, and their colleagues. At the end of the article, the Tau Consortium was acknowledged for helping to fund the study.

“Contributing to cognitive impairment in Alzheimer’s disease”
Genomics and Stem Cell Research

Neurons grown from patient-derived induced pluripotent stem cells (iPSCs) allow scientists to replicate a specific patient’s disease in a petri dish, which allows them to see the molecular changes and processes that occur. It also allows researchers to study and test potential treatments. Using human tissue samples and stem cell models, our funded scientists can perform whole-genome sequencing of large numbers of patients and samples in order to search for gene variations that either directly cause disease or impact the risk for developing diseases. Multidimensional analyses of genetic data can help to identify genetic and epigenetic changes (e.g., methylation, phosphorylation at the gene level) that may affect the risk for various neurodegenerative diseases.

Genomics and Stem Cell Funded Research

MASSACHUSETTS GENERAL HOSPITAL/ HARVARD MEDICAL SCHOOL
Researcher: Stephen Haggarty, PhD
Chemical genomic approaches to tau biology using human iPSC-derived neurons.

MOUNT SINAI SCHOOL OF MEDICINE
Researcher: John Crary, MD, PhD
Modeling MAPT haplotypes in autopsy-derived induced pluripotent stem cell models.

NEURAL STEM CELL INSTITUTE
Researcher: Sally Temple, PhD
Modeling disease using familial MAPT iPSC lines.

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Researcher: Giovanni Coppola, MD
Integrating multiple genomic approaches to study neurodegenerative tauopathies.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Researcher: Jennifer Yokoyama, PhD
Peripheral gene expression signatures that predict tauopathy.

Martin Kampmann, PhD serves as Assistant Professor at the University of California, San Francisco. He and his colleagues have developed a technology to control the expression of genes in human cells, which are used to uncover mechanisms of tauopathies and new therapeutic strategies. Working with the Stem Cell Group of the Tau Consortium, his lab plans to implement this technology in brain organoid models derived from tauopathy patient cells, which provide an advanced model of tauopathies. Dr. Kampmann is the recipient of the 2017 Chan-Zuckerberg Biophub Investigator Award and the Chan-Zuckerberg Initiative Ben Barnes Early Career Acceleration Award.

Sally Temple, PhD serves as Scientific Director, Principal Investigator, and Co-Founder of the Neural Stem Cell Institute Regenerative Research Foundation. Under her leadership, a collaborative study comprehensively phenotyped iPSC populations and generated 3D brain organoids to examine changes in tau biology, tau clearance, vulnerability to stressors, gene expression changes, and the impact of microglia. Dr. Temple served as the President of the International Society of Stem Cell Researchers for 2016–2017.
Drug Discovery and Translation Research

The Tau Consortium’s ultimate mission is to bring effective therapeutics to people suffering from tauopathies. Drug discovery efforts seek to take basic research discoveries and develop them into viable treatments that will succeed in clinical trials. Programs that seek to remove or reduce pathogenic tau accumulation in the brain have taken center stage in the Tau Consortium’s drug discovery research portfolio. Inhibition or modulation of the Tau protein translation by AntiSense Oligonucleotides (ASOs) or small molecules is a very promising strategy that has been fruitful in the treatment of other diseases. Likewise, small molecules that activate cellular processes for removal of damaged or misfolded tau, or that prevent its cell-to-cell propagation, hold much promise. Another exciting program in our portfolio is clearing tau using a two-headed molecule called a PROTAC, which is capable of simultaneously binding the toxic Tau protein with one head and binding a different protein (the E3 Ubiquitin Ligase) to the other head, which may ultimately result in Targeted Protein Degradation (TPD).

MILKEN INSTITUTE CENTER FOR STRATEGIC PHILANTHROPY
Researcher: Cara Altimus, PhD
Benchmarking of philanthropic drug discovery programs.

NEURAL STEM CELL INSTITUTE
Researcher: Sally Temple, PhD
Targeting degradation of intracellular tau.

THE SCRIPPS RESEARCH INSTITUTE, FLORIDA
Researcher: Matthew Disney, PhD
Targeting RNAs associated with tauopathies with small molecules.

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Researcher: Daniel Geschwind, MD, PhD
Validating small molecules that modulate PSA.

Funding of a TC Spin-out

The Tau Consortium provided seed funding for Aeton Therapeutics, a spin-out from the lab of TC investigator Dr. Li Gan. This funding allowed Dr. Gan to launch a venture to develop a program to target acetylated Tau, building on previously TC-funded work that showed that acetylated Tau is particularly damaging to the brain. This venture will inlicense intellectual property that was created in Dr. Gan’s lab at the J. David Gladstone Institutes. It includes small molecules and a new generation of highly targeted antibodies against acetylated tau.

ACTON THERAPEUTICS
Researcher: Li Gan, PhD
Developing a pipeline of novel PSF and other tauopathies.

ALBERT EINSTEIN COLLEGE OF MEDICINE
Researcher: Ana Maria Cuervo, MD, PhD
Modulation of autophagy pathways against tau toxicity.

ALBERT EINSTEIN COLLEGE OF MEDICINE
Researcher: Ana Maria Cuervo, MD, PhD
Selective autophagy pathways (CMA and eMI) in tauopathies.

BRIGHAM & WOMEN’S HOSPITAL/HARVARD MEDICAL SCHOOL
Researcher: Anna Krichevsky, PhD
miR-132 neuroprotection for tauopathies.

CURE NETWORK DOLBY ACCELERATION PARTNERS LLC
Researcher: Lennart Mucke, MD
Development of small-molecule tau lowering drugs to treat tauopathies.

MASSACHUSETTS GENERAL HOSPITAL/HARVARD MEDICAL SCHOOL
Researcher: Stephen Haggarty, PhD
Development of tau-targeted protein degraders as a novel therapeutic strategy for dementia.

MASSACHUSETTS GENERAL HOSPITAL/HARVARD MEDICAL SCHOOL
Researcher: Stephen Haggarty, PhD
Identifying early cellular and molecular stem cells collaborative project.
Salsalate and Fresh Plasma Fail to Show Any Benefits in PSP

The Tau Consortium funded a six-month, open-label, pilot futility clinical trial by Dr. Adam Boxer, in which five PSP patients received monthly donor plasma transfusions from young, healthy males, and five patients received 1000 mg of Salsalate twice daily. It failed to show any benefit. The study also designed to test secondary outcome measures including changes in biomarker expression, motor function, cognition, activities of daily living and behavior, as measured by the PSP Rating Scale (PSPRS). Neither the PSPRS clinical ratings, nor biomarker status suggest evidence of benefit to patients from either treatment.

Marc Diamond, MD serves as Director, Center for Alzheimer’s and Neurodegenerative Diseases at the University of Texas Southwestern Medical Center. His research aims to develop an active vaccine for tauopathy by teaching the immune system to recognize toxic protein structures through the design of specific vaccines, and thereby preventing disease progression. Tau causes dementia in a variety of syndromes. Prior Tau Consortium support has helped Dr. Diamond and his colleagues to understand the diversity of forms that tau might take before it self-associates into toxic assemblies.

Scientists are now using this knowledge to teach the immune system to recognize these structures through the design of specific vaccines that might prevent disease progression.

Celeste Karch, PhD serves as Assistant Professor of Psychiatry at Washington University School of Medicine. Her research focuses on using stem cell models of tauopathies to identify compounds that rescue lysosomes, or the organelles responsible for degrading proteins. Dr. Karch has developed a novel method to generate brain cells from human stem cells that are similar to those found in adult human brains, and that display some of the same changes that occur in the brains of people who suffer from tauopathies. The findings from this work will establish novel targets for drug development. Dr. Karch is the recipient of the Dominitz Alzheimer’s Disease (DAD) Young Investigator Award and the Alzheimer’s Association International Conference Travel Award.

Stephen Haghighi, PhD serves as director of the Chemical Neurobiology Laboratory, Center for Genomic Medicine at Massachusetts General Hospital. He is also head of Neuropharmacology, Center for Experimental Drugs and Diagnostics at Massachusetts General Hospital, Department of Psychiatry. His research seeks to understand the molecular events leading to disease pathogenesis and neuronal loss, with the ultimate aim of developing innovative targeted degradation strategies for tauopathies.

Marc Diamond, MD serves as Director, Center for Alzheimer’s and Neurodegenerative Diseases at the University of Texas Southwestern Medical Center. His research aims to develop an active vaccine for tauopathy by teaching the immune system to recognize toxic protein structures through the design of specific vaccines, and thereby preventing disease progression. Tau causes dementia in a variety of syndromes. Prior Tau Consortium support has helped Dr. Diamond and his colleagues to understand the diversity of forms that tau might take before it self-associates into toxic assemblies.

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Scientists are now using this knowledge to teach the immune system to recognize these structures through the design of specific vaccines that might prevent disease progression.
The Tau Consortium’s core mission is to find therapeutics that can reduce or eliminate the damage caused by the accumulation of tau in the human brain. During 2017 and 2018, the Tau Consortium’s funding bore fruit with several promising tau-targeting therapies entering the clinic.

Following their success with the FDA approval of an AntiSense Oligonucleotide (ASO) to treat infant Spinocerebellar Ataxia, Ionis Pharmaceuticals, working with Tau Consortium investigator Dr. Tim Miller and Biotechnology company Biogen, commenced Phase 1 safety trials of BIIB080, an ASO that inhibits tau mRNA to protein translation. This is the first ASO targeting tau expression to enter clinical trials. In the preclinical setting, this ASO reduced neuronal loss and neurofibrillary pathology, showed normalization of behavioral phenotypes, and prolonged survival in an adult tau transgenic mouse model.

AbbVie, Inc., a pharmaceutical research and development company, licensed 8E12, a humanized IgG4 antibody that targets extracellular tau seeding and cell-to-cell propagation, from C2N Diagnostics, a company co-founded by Tau Consortium investigator Dr. David Holtzman and colleagues. 8E12 received orphan drug designation from the FDA and the European Medicines Agency for PSP, and in 2017 cleared Phase 1 safety studies. In preclinical studies in mice that express neurofibrillary tangles in their brains, ABBV-8E12 was able to reduce levels of abnormal tau, reduce neuronal loss, and protect against cognitive decline. ABBV-8E12 (8E12) entered Phase 2 clinical trials for PSP in early 2018. Biogen, working with Tau Consortium investigator Dr. Adam Boxer, is conducting clinical testing of BIIB092, a humanized monoclonal antibody that binds to tau better than the 8E12 mentioned previously. In 2017, BIIB092 showed safety and demonstrated target engagement by lowering CSF free tau by more than 90 percent. 2018 saw the initiation of PASSPORT, a Phase 2 trial to investigate the safety and efficacy of BIIB092 for patients with PSP.
In 2017, The Milken Institute’s Center for Strategic Philanthropy published the Giving Smarter Guide: Tauopathies. This work was commissioned by the Foundation and developed through an extensive systems-based review of the biomedical research landscape. This review contains the most recent evaluation and information about tauopathies including diagnosis, symptomatic interventions, potential therapeutic approaches, research funding analysis, and key philanthropic partners working in the space.

As part of this project, Milken completed an in-depth, comprehensive assessment of the funding landscape for tau research over the last ten years. Overall, funding for tau-related research has increased more than seven-fold in the last decade, from less than $50 million in 2006 to more than $350 million in 2016. The U.S. government provides nearly 90% of total worldwide grant funding for tau research, almost all of which comes from various components within the U.S. National Institutes of Health.

From 2006 to 2016, about 65% of all tau-grant funding was used to study the pathogenesis of disease. The last few years have seen an encouraging uptick in the share of funding devoted to biomarkers but comparatively little has been spent on the development of new treatments.

From 2006 to 2016, the Foundation accounted for more than 63% of all tau-related grant funding provided by U.S. non-profits. And within this, the Foundation has accounted for more than 75% of all funds provided for treatment development. Overall, with 40% of our funds going to biomarkers, treatment development, or human trials, the Rainwater Charitable Foundation plays a particularly important role in translating high quality science into promising treatments.

The report’s primary recommendation is that non-profit groups and philanthropists need to collaborate more closely with public and private players. Together, they must work to support basic research, promote the development of better diagnostic tools, facilitate more data sharing, enable increased access to biospecimens, and provide more financial support for clinical trial recruitment, design, and reporting.

To access the full report, please visit: www.tauconsortium.org and click on the “Insights” tab.
Clinical Trials and Biomarkers Funded Research

As we prepare for clinical trials of potential therapies, doctors need better tools to make accurate diagnoses to ensure the right people enter the clinical trials. They also need ways to accurately measure disease progression (for example by monitoring protein levels in the blood or spinal fluid). Recently developed techniques for measuring the health of specific neurons have provided new insights for tauopathy patients and their doctors. The next step is to understand how these changes behave as the tauopathies progress. Below are current clinical trials and biomarkers research:

**MICHAEL J. FOX FOUNDATION**
Researchers: Chester Mathis, PhD; Neil Vasdev, PhD
Discovery of selective PET imaging agents for tauopathies and alpha-synuclein.

**UNIVERSITY OF CALIFORNIA, SAN FRANCISCO**
Researcher: Adam Boxer, MD, PhD
Metabolomic profiling in primary tauopathies: from bench to bedside.

**UNIVERSITY OF CALIFORNIA, SAN FRANCISCO**
Researcher: Adam Boxer, MD, PhD
A Phase 1b, Open Label study of BMS986168 in patients with primary or secondary tauopathies.

**UNIVERSITY OF CALIFORNIA, SAN FRANCISCO**
Researcher: Gil Rabinovici, MD
Human tau imaging.

**UNIVERSITY OF CALIFORNIA, SAN FRANCISCO**
Researcher: Joel Kramer, PsyD
Identifying early markers of neuronal dysfunction in carriers of mutations causing FTD spectrum neurodegeneration.

**UNIVERSITY OF CALIFORNIA, SAN FRANCISCO**
Researchers: Thomas Wymer, MD; Christine Walsh, PhD
Treatment of disturbed sleep in PSP.

**UNIVERSITY OF CALIFORNIA, SANTA BARBARA**
Researchers: Kenneth S. Kosik, MD; Francisco Lopera, MD
Registry for frontotemporal dementia in Colombia.

**WASHINGTON UNIVERSITY IN ST. LOUIS**
Researchers: Marjolijn J. Sturkenboom, MD
Evaluation of plasma tau and p-tau quantitation by mass spectrometry as biomarkers for differential diagnosis of AD and tauopathies.

Adam Boxer, MD, PhD serves as Endowed Professor in Memory and Aging, Department of Neurology at the University of California, San Francisco. One of Dr. Boxer’s research aims is to test the ability of a new smartphone app to measure the clinical status of healthy individuals at genetic risk for tau-related disease, as well as people who have begun to develop symptoms. Specifically, his platform will assess whether the smartphone app can collect useful survey data, memory test performance, and changes in movement and sleep when paired with a fitness tracker. The end goal of this work is to see if the game-like aspects of the app will improve clinicians’ ability to collect useful data.

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Identifying early markers of neuronal dysfunction in carriers of mutations causing FTD spectrum neurodegeneration.
PET Imaging Partnership

In June 2017, the Rainwater Charitable Foundation entered into a landmark partnership with the Michael J. Fox Foundation (MJFF). The purpose of this initiative is to accelerate the development of novel PET imaging tools for Parkinson’s, PSP, and related diseases.

PET imaging tools are crucially important to the field. They allow clinicians not only to detect the presence of tau in living patients, but also to pinpoint its location and quantify its abundance. PET imaging is expected to be the most accurate way of diagnosing living patients with PSP and other atypical parkinsonian disorders, which is a shared priority of MJFF and the Tau Consortium. Taking multiple scans over time will allow doctors to precisely monitor disease progression and treatment response.

Unfortunately, it typically takes several years and millions of dollars to develop a new PET tracer. For-profit companies have little incentive to invest in these tools, so non-profits must often step in to fill the void. Given the complexity and expense involved, it makes sense for non-profits to pool their ideas, expertise, and resources to ensure success.

The initiative is directed by long-time Tau Consortium member Dr. Gil Rabinovici of the University of California, San Francisco. The Michael J. Fox Foundation and the Rainwater Charitable Foundation have each allocated about $600,000 per year to fund the effort so far, which is being undertaken by a close-knit team of researchers from the University of Pittsburgh and Harvard’s Massachusetts General Hospital. Over the coming years, the founding members will seek to recruit additional non-profits to join the collaboration and provide additional resources.

Dr. Rabinovici’s Amyloid PET work has been called a game-changer by Medscape.com.
PSP Research Roundtable

Progressive Supranuclear Palsy is a pure tauopathy and an orphan disease. It has attracted industry attention as a significant unmet medical need and an important stepping stone to new therapies for Alzheimer’s, Chronic Traumatic Encephalopathy, and Frontotemporal Dementia. While there have been some successes in getting treatments to clinical trials, greater collaboration is needed to ensure that we understand how efficacious these treatments are and why the unsuccessful ones fail.

In 2017, the Rainwater Charitable Foundation and CurePSP stepped forward to create the PSP Research Roundtable on behalf of the field. Member companies joined throughout the year, and the group convened for the first time in June 2018 in Washington, D.C.

The PSP Research Roundtable is a pre-competitive collaboration involving patient advocacy organizations, key thought leaders from academia, and six leading pharmaceutical companies. Its mission is to represent the field in addressing bottlenecks and accelerating the development of new treatments for PSP and other primary tauopathies. Specific priorities for the Roundtable are defined on an annual basis by a consensus-driven steering committee.

The inaugural Roundtable meeting included several representatives from the U.S. Food and Drug Administration Neurology Products Division and sought to build a shared understanding of the disease. Based on these discussions, the group agreed that its first major priority should be the collaborative development of new tools for measuring patient benefit in human clinical trials. Successful completion of this project will help patients by reducing the risk, cost, and time delays that are currently involved in the approval of potential treatments for PSP. The Rainwater Charitable Foundation has taken responsibility for leading this initiative, which is expected to reach its conclusion in fall 2019.
High-quality state-of-the-art core platforms can enable researchers to greatly accelerate the search for new treatments. These platforms exist to be a resource to all scientists. Core platforms can be databases of available cell lines, tissue samples, and reagents that are available for distribution to researchers in the field. A core platform can also be a networked system that interconnects data from several sources, allowing for collaboration and meta-analyses across large data sets. As outlined in the Milken Giving Smarter Guide, there is a significant need for tissue and cell line access, clinical and pre-clinical data storage, and data analysis tools. The Rainwater Charitable Foundation continues its mission to do whatever it takes to help scientists around the world to access the tools they need to conduct research.

**Medical Research**

**Columbia University Medical Center**
Researcher: Huang Yu, PhD
Curator of tau research resources.

**FTD Disorders Registry, LLC**
Researcher: Dianna Wheaton, PhD
The Frontotemporal Disorders Registry project.

**Mayo Clinic, Jacksonville, Florida**
Researcher: Dennis Dickson, MD
Mayo brain bank.

**Neural Stem Cell Institute**
Researcher: Sally Temple, PhD
iPSC collection.

**University of California, Los Angeles**
Researchers: Daniel Geschwind, MD, PhD/Giovanni Coppola, MD
Tauopathy genome project.

**University of California, San Francisco**
Researchers: Aimee Kao, MD, PhD
Fibroblast banking and iPSC genome editing core.

**University of California, San Francisco**
Researchers: William Seeley, MD
Tau Consortium clinical and informatics core.

**University of California, San Francisco**
Researchers: Katherine Kwasik, PhD
Tau Consortium neuropathology core.

**Washington University in St. Louis**
Researchers: Christopher Farquhar, PhD
Stem-cell resources for studying tauopathies.

**Bill Seeley, MD** serves as Professor of Neurology at the University of California, San Francisco. Dr. Seeley also leads the Tau Consortium Neuropathology Core. Dr. Seeley’s research seeks to clarify why and how the tauopathies target specific brain cells and brain regions. He also leads a highly utilized state-of-the-art neuropathology core to support tissue-based tauopathy research within and beyond the Tau consortium. Dr. Seeley is the 2017 recipient of the American Society for Clinical Investigation Fellow award.
FTD Disorders Registry Goes Live

Our medical research program seeks to eliminate any barrier that might stand in the way of developing new treatments for PSP and other forms of Frontotemporal Dementia (FTD).

With at least half a dozen companies moving such treatments closer to human trials, patient recruitment is looming as a key bottleneck in the march toward FDA-approved treatments. For this reason, the Rainwater Charitable Foundation has been a major financial supporter of the FTD Disorders Registry since it was initially conceived in 2016.

For the registry, the Rainwater Charitable Foundation has been a major financial supporter of the FTD Disorders Registry since it was initially conceived in 2016. We’d like to give special thanks to our co-founding partners, the Bluefield Group and the Association of Frontotemporal Degeneration (AFTD).

After more than a year of software development and user testing, The FTD Disorders Registry went live in March 2017. It is now available to diagnosed persons, family members, and friends who are interested in all forms of Frontotemporal Dementia, including PSP. The FTD Disorders Registry is a major advance for the field and is more than a patient recruitment tool: it’s a true research platform. The platform is capable of securely collecting and exchanging patient data with other research projects, including clinical trial sponsors. It is also able to administer its own online studies via questionnaires (e.g., tracking symptom progression over time). Eventually the registry is likely to add mail-order DNA collection to further augment patients’ profiles and better match them to trials.

Within just a few weeks of its public launch, the registry surpassed its first-year goal by enrolling hundreds of patients. Public reaction has been very positive. The Director of the National Institute of Neurological Disorders and Stroke (NINDS) publicly proclaimed that the FTD Registry was “a well-designed registry that will enhance knowledge and research capabilities.” To explore the registry, please go to: https://ftdregistry.org/.

The Registry is a cutting-edge database to collect information from patients affected by all types of Frontotemporal Dementia (behavioral variant FTD (bvFTD), one of the primary progressive aphasia (PPA), corticobasal degeneration (CBD), PSP, and other neurological disorders). The Registry also offers mail order DNA collection, which will further enhance patients’ profiles and better match them to trials.
Defeating neurodegenerative disease will require long-term effort. Through the Tau Consortium Fellows Program, the Rainwater Charitable Foundation is making a significant investment in the scientific and career development of the next generation of tau researchers. Tau Consortium Fellows receive 100% financial support to attend the Tau Consortium Investigators’ Meetings, where they get an opportunity to interact with and learn from the leading tau researchers in the field. Candidates can only be nominated by one of our funded researchers, and acceptance into the program is competitive. In 2017 and 2018, the Rainwater Charitable Foundation provided fellowships to more than 70 talented young scientists. Congratulations to the 2017 and 2018 Tau Consortium Fellows.

**2017–2018 Tau Consortium Fellows**

- **JULIANA ACOSTA-ARBOÉ** UC San Francisco
- **CAROLINA ALGOCAR BURO** UC San Francisco
- **TAYLOR ABRAR** UC San Francisco
- **NICHOLAS KALITELEFENTL** Harvard University
- **MATTHEW BUCKOW** Albert Einstein College of Medicine
- **KATHRYN BURGEL** Mt. Sinai School of Medicine
- **DAVID BUTLER** New York Stem Cell Institute of New York
- **JONATHAN DASH** The Sans Research Institute, Florida
- **MARESSO CHIN** UC San Francisco
- **KYUNG MIN CHUNG** Columbia University
- **YONATAN COOPER** UC Los Angeles
- **KENNETH DAHL** Massachusetts General Hospital
- **MELANIE DAS** Gladstone Institutes
- **LIsvg DENG** UC Los Angeles
- **SARAH DEVOS** Massachusetts General Hospital
- **RACHID EL FATIMY** Brigham & Women’s Hospital
- **JESSICA FELIX** Albert Einstein College of Medicine
- **YANN FICHOU** UC San Francisco
- **TARI FŁASAN** UC San Francisco
- **ANGELİNE FLÜMING** University of Cambridge, UK
- **STEPHEN FÖNL** Columbia University
- **ETHAN GER** UC San Francisco
- **NIPORI GIYAYEA** Washington University
- **STEFFI GLASSNER** UC Santa Barbara
- **YULING HENDERS** University of Southern California
- **ISRAEL HERNANDEZ MORENO** UC San Diego
- **FLORENCE HINES** UC San Francisco
- **JERREH HOLTH** Washington University
- **CINÉY HUANG** j. David Gladstone Institutes
- **KEVIN HUNT** University of Southern California
- **LURASZ JACHOWIAK** UC San Francisco
- **ASHLEY KRENT** University of Toronto
- **NIKOLAY KRAUSE** Albert Einstein College of Medicine
- **MIRUDITH KUO** UC San Francisco
- **ALICE LA** UC San Francisco
- **ROMA LAJOVE** UC San Francisco
- **CHRIS LÊ NGUYEN** Washington University
- **GREGORY LIN** UC San Francisco
- **MEGAN LIK** UC San Francisco
- **NADIA LIN** UC San Francisco
- **ÖKüLUN LIN** UC San Francisco
- **STEVEN STAMATAKOU** Albert Einstein College of Medicine
- **JESSICA REXACH** UC Los Angeles
- **JULIO ROJAS-MARTINEZ** UC San Francisco
- **OWEN ROSS** Mayo Jacksonville
- **SILVIA RUSSO** UC San Francisco
- **GREG KRAUSE** Albert Einstein College of Medicine
- **MEREDITH KUO** UC San Francisco
- **ALICE LA** UC San Francisco
- **RENAUD LAJOIE** UC San Francisco
- **CHERYL LEYNS** Washington University
- **QUEENA LIN** UC San Francisco
- **ANDREW LIU** UC San Francisco
- **MO LIU** UC San Francisco
- **TARA TRACY** Z. David Gladstone Institutes
- **RICHARD TASS** UC San Francisco
- **MICHAEL YUKER** UC Santa Barbara
- **CHAO WANG** Washington University
- **ZHAN XIN** Harvard Medical School
- **HENDRICK MELENGU** Harvard Medical School
- **SALVATORE SPINA** UC San Francisco
- **ADAM STAPAROVIĆ** UC San Francisco
- **ELLEANN STRATMANN** University of Cambridge, UK
- **BARBARA STOPPERS** UC San Francisco
- **NAIDIA STORM** Albert Einstein College of Medicine
- **MICHAEL STRICKLAND** Washington University
- **NITISH SUN** UT San Antonio
- **XIAOKAI SUN** UC San Francisco
- **RAYGAN TAYLOR** UC San Francisco
- **GIANINA TOLLER** UC San Francisco
- **TARA TRACY** Z. David Gladstone Institutes
- **CHAO WANG** Washington University
- **ZHIYUN WEI** Harvard Medical School
- **XUEMEI ZHANG** UC Santa Barbara
In the fall of 2017, the Rainwater Charitable Foundation partnered with the Alzheimer’s Association to form the Tau Breakthroughs Grant Partnership. Through this program, our organizations are working together to jointly fund some of the most promising tau-related research in the world. Ultimately, the goal is to accelerate the development of more treatments for all neurodegenerative diseases involving the toxic build-up of tau protein, including Alzheimer’s and PSP.

The inaugural matching grant program was called the Tau-Pipeline Enabling Program (T-PEP) and focused on drug discovery projects. T-PEP was carefully scoped to bridge the funding gap between innovative but resource-constrained researchers and the larger pharmaceutical companies that were looking for drug candidates to be taken into human trials. The Alzheimer’s Association and the Rainwater Charitable Foundation each provided $1.5 million for the program. T-PEP was an open call to researchers from anywhere in the world, including academic researchers and small biotech companies. In June 2018, five truly outstanding winners were selected from a candidate pool of 130 strong applicants.

The Rainwater Charitable Foundation would like to express our appreciation to all the individuals and funding partners who contribute to our work through their generous donations to the Rainwater Neurological Research Fund. For more information on this fund, please visit the North Texas Community Foundation website: https://northtexascf.org/.

Other Medical Research Funding

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The Rainwater Charitable Foundation would like to thank Dr. Richard Carmona for serving as inaugural Chair of the Rainwater Prize Program.

Dr. Richard Carmona, MD, MPH, FACS was the 17th Surgeon General of the United States of America. After enlisting in the U.S. Army as a 17-year-old high school dropout, he joined the United States Army Special Forces becoming a combat decorated Vietnam veteran and began his career as a Special Forces Medic. After active duty, he ultimately received his medical degree from the University of California, San Francisco, where he was awarded the prestigious gold-headed cane as the top graduate of his class. During Dr. Carmona’s service as the U.S. Surgeon General, he famously announced that the science was clear: “Secondhand smoke kills.” This resulted in the adoption of indoor smoking bans across the United States and globally.

Dr. Carmona has helped shape the Rainwater Prize Program from the beginning, offering his leadership to develop a prize program to make the largest positive impact for tauopathies patients and their families. He will convene the selection committee in the fall of 2019 to select the inaugural Rainwater Prize recipients from among the highly accomplished nominated scientists dedicating their careers to making the discovery we need to create effective treatments for patients.

I saw Richard Rainwater locked in his own body. I, along with his family, watched his slow deterioration. As a friend, I do this for him and in his memory. As a serviceman to the medical field and to our community, I do this so no one else suffers from these diseases like he and his family have.

—Dr. Richard Carmona
Richard Rainwater understood that the research 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.

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

1. Enhancing awareness of the critical gaps in neurodegenerative research
2. Attracting researchers to work on tauopathies
3. Awarding scientific achievements that lead to new treatments for PSP

When he was physically able, Richard loved to attend the Tau Consortium Investigators’ 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.

To find a better treatment, we need to better understand the disease.

**Milestone Prize: Structure, Function, and Disease Mechanisms**
- Tau protein modifications and how these function in health and disease
- Mechanism of tau aggregation and transmission (inside and outside cell)
- Mechanism of glial and neuronal loss

-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 a young scientist (lesser than five years from post-doc) who has made promising discoveries in neurodegenerative disease research
- The Rainwater Milestone Prize for Advances in Tauopthaly 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 first prize winners will be announced in the fall of 2019 with a ceremony celebrating the winners in February 2020.

For clinical trials to be more effective we must be able to stratify patients more accurately and detect tauopathies early.

**Milestone Prize: Risk and Prevention**
- Genetic/epigenetic biomarkers, polygenic risk assessment
- Predictors of normal vs. dysfunctional tau
- Progression monitoring
- Clinical trial stratification

To make the discoveries, we need better models and technology that can predict human response to treatments.

**Milestone Prize: Advances in Drug Development Models and Technology**
- Clinical drug efficacy prediction models
- Advances in imaging

02.13.2020

INAUGURAL RAINWATER PRIZES WILL BE CONFERRED ON FEBRUARY 13, 2020 DURING THE COLLABORATIVELY ORGANIZED CONFERENCE, TAU2020 GLOBAL CONFERENCE.
Funding in Africa

In 2012 the Rainwater Charitable Foundation began making grants to organizations working in Africa. Most of these two dozen grants have gone to organizations working in East Africa for the benefit of children in the areas of education (schools), water, public health, and the empowerment of women.

With 1.2 billion people, Africa is the world’s second largest continent in both population and size. It is also the world’s youngest continent. Sub-Saharan Africa is home to some of the fastest-growing economies in the world and has seen significant improvement in governance and economic management. We have been incredibly inspired by the resiliency of families, especially young children who are among the poorest in the world, and yet achieve at high levels when given opportunities. This is an area where small, smartly structured gifts can go a long way, and an area where we seek to expand funding in the future.

“Other Funding”

The greatness of a community is most accurately measured by the compassionate actions of its members.

—Coretta Scott King

Other Foundation Funding

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<td>ABILENE CHRISTIAN UNIVERSITY</td>
<td>$3,000,000</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>AFTERCANDIDATE</td>
<td>$500,000</td>
<td>—</td>
</tr>
<tr>
<td>AMERICAN RED CROSS</td>
<td>$2,000</td>
<td>$—</td>
</tr>
<tr>
<td>ABRIL CAPITOL MUSEUM OF WESTERN ART</td>
<td>$1,408</td>
<td>$—</td>
</tr>
<tr>
<td>ASSOCIATION FOR FRONTOTEMPORAL DEMENTIA</td>
<td>$10,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>BEHIND EVERY DOOR</td>
<td>$75,000</td>
<td>$—</td>
</tr>
<tr>
<td>BRIDGE TO RWANDA</td>
<td>$200,000</td>
<td>$—</td>
</tr>
<tr>
<td>BOSTON CITY SINGERS</td>
<td>$5,000</td>
<td>$—</td>
</tr>
</tbody>
</table>

The greatness of a community is most accurately measured by the compassionate actions of its members.

—Coretta Scott King
<table>
<thead>
<tr>
<th>Organization</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainwater Charitable Foundation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rainwater Charitable Foundation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAFE' MOMENTUM</td>
<td>$ 200,000</td>
<td>$ —</td>
<td>Towards juvenile justice and community development programs.</td>
</tr>
<tr>
<td>CHRISTIAN RELIEF FUND</td>
<td>$ 300,000</td>
<td>$ 640,000</td>
<td>Towards school construction and maintenance in Africa.</td>
</tr>
<tr>
<td>CITYSHARE</td>
<td>$ 750,000</td>
<td>$ 750,000</td>
<td>Towards general operations.</td>
</tr>
<tr>
<td>COMMUNITY FOUNDATION FOR NANTUCKET</td>
<td>$ 5,000</td>
<td>$ —</td>
<td>Towards general operations.</td>
</tr>
<tr>
<td>COMMUNITY FOOD BANK</td>
<td>$ 43,400</td>
<td>$ 65,419</td>
<td>Towards maintenance costs and holiday food expenses.</td>
</tr>
<tr>
<td>CORRIDORS OF ASSISTANCE NETWORK</td>
<td>$ 100,000</td>
<td>$ —</td>
<td>Towards the First Step recovery program.</td>
</tr>
<tr>
<td>GOVERNMENT HOUSE</td>
<td>$ —</td>
<td>$ 1,000</td>
<td>Towards organizational operations.</td>
</tr>
<tr>
<td>CYSTIC FIBROSIS FOUNDATION</td>
<td>$ 25,000</td>
<td>$ —</td>
<td>Towards general operations.</td>
</tr>
<tr>
<td>DALLAS LEADERSHIP FOUNDATION</td>
<td>$ 75,000</td>
<td>$ —</td>
<td>Towards leadership, community development and formerly incarcerated.</td>
</tr>
<tr>
<td>DALLAS MORNING MORIS CHARITY/OTT</td>
<td>$ —</td>
<td>$ 5,000</td>
<td>Towards programming for the homeless population.</td>
</tr>
<tr>
<td>DALLAS RESOURCES CENTER</td>
<td>$ 50,000</td>
<td>$ —</td>
<td>Towards general operations.</td>
</tr>
<tr>
<td>FAIRWINDS–NANTUCKET’S COUNSELING CENTER</td>
<td>$ 1,200,000</td>
<td>$ —</td>
<td>Towards organizational strategic planning and scholarship programs.</td>
</tr>
<tr>
<td>FOOD RECOVERY NETWORK</td>
<td>$ 125,000</td>
<td>$ —</td>
<td>Towards general operations.</td>
</tr>
<tr>
<td>FOODCORPS</td>
<td>$ 100,000</td>
<td>$ —</td>
<td>Towards general operations.</td>
</tr>
<tr>
<td>FOR OAK CLIFF</td>
<td>$ 81,000</td>
<td>$ —</td>
<td>Candy in a community development program.</td>
</tr>
<tr>
<td>MEADOWS MENTAL HEALTH POLICY INSTITUTE</td>
<td>$ 100,000</td>
<td>$ —</td>
<td>Towards mission to raise awareness of the importance of mental health, and to scale solutions across the state of Texas.</td>
</tr>
<tr>
<td>MICE AGAINST TICKS</td>
<td>$ 200,000</td>
<td>$ 152,709</td>
<td>Towards research to eradicate Lyme disease.</td>
</tr>
<tr>
<td>INTERNATIONAL SOCIETY OF HUMAN UNITY</td>
<td>$ 250,000</td>
<td>$ —</td>
<td>Towards increasing awareness of human trafficking issues.</td>
</tr>
<tr>
<td>LEUKEMIA TEXAS</td>
<td>$ 10,000</td>
<td>$ —</td>
<td>Towards children undergoing treatment at Cook Children’s.</td>
</tr>
<tr>
<td>CHRISTIAN RELIEF FUND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAFÉ’ MOMENTUM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHRISTIAN RELIEF FUND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CITYSHARE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMMUNITY FOUNDATION FOR NANTUCKET</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMMUNITY FOOD BANK</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>CORRIDORS OF ASSISTANCE NETWORK</td>
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<tr>
<td>GOVERNMENT HOUSE</td>
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<tr>
<td>CYSTIC FIBROSIS FOUNDATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DALLAS LEADERSHIP FOUNDATION</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>DALLAS MORNING MORIS CHARITY/OTT</td>
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<tr>
<td>DALLAS RESOURCES CENTER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FAIRWINDS–NANTUCKET’S COUNSELING CENTER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOOD RECOVERY NETWORK</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOODCORPS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOR OAK CLIFF</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEADOWS MENTAL HEALTH POLICY INSTITUTE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MICE AGAINST TICKS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INTERNATIONAL SOCIETY OF HUMAN UNITY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEUKEMIA TEXAS</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Christian Relief Fund

With programs in more than 20 countries worldwide, Christian Relief Fund’s (CRF) mission is to help children living in poverty grow intellectually, physically, spiritually, and socially. CRF has a legacy of preparing the world’s most vulnerable children for further education or work readiness, thereby developing a cadre of change agents who earn living wages for themselves and their families, give back to their communities, and grow into the full expression of who they were created to be.

The Foundation’s funding has been focused on children in Kenya and Uganda. Our funds have gone to develop and upgrade schools/ infrastructure; to strengthen teacher recruitment and retention; and to maintain availability of books and academic quality. In some regions like Turkana, Kenya, where a lack of water is a primary obstacle to children attending school, funds have been used to dig water wells and build schools where none exist.
REPORTERS INSTRUCTED IN SAVING COLLEAGUES  $ 155,000  —  Towards general operations.

RONALD MCDONALD HOUSE FORT WORTH  $ 10,000  10,000  Towards general operations.

RUTLEDGE FOUNDATION  $ 105,000  —  Towards work with young adult cancer patients.

SAVATION ARMY  $ 2,000  —  Towards Hurricane Harvey relief efforts.

SALVATION ARMY  $ 2,000  —  Towards Hurricane Harvey relief efforts.

SAMARITAN’S PURSE  $ 2,000  —  Towards Hurricane Harvey relief efforts.

SAVE THE CHILDREN  $ 2,000  —  Towards Hurricane Harvey relief efforts.

SAVING HOPE FOUNDATION  $ 1,000,000  —  Towards a Fort Worth spay/neuter program.

SMALL FRAME NANTUCKET  $ 5,000  5,000  Towards general operations.

SNOWBALL EXPRESS  $ 6,000  10,000  Towards general operations.

SPUMBBAIL, INC.  $ 5,000  —  Towards general operations.

SPCA  $ 2,000  —  Towards Hurricane Harvey relief efforts.

ST. PIUS X CATHOLIC CHURCH  $ 20,000  —  Towards the CarePortal program.

STANFORD CENTER FOR LONGEVITY  $ 50,000  —  Towards the New Map of Life initiative.

TAPESTRY MINISTRIES  $ 85,200  —  Towards youth and community development programs.
### Other Miscellaneous Gifts

General operating funds supporting the following organizations:

<table>
<thead>
<tr>
<th>Organization</th>
<th>2018 Funding</th>
<th>2017 Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Heart Association</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td>Big Thought</td>
<td>$5,000</td>
<td></td>
</tr>
<tr>
<td>Contown Project Success</td>
<td>$5,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Denver Foundation</td>
<td>$5,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Fort Worth Zoological Association</td>
<td>$100,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>German Marshall Funds of the US</td>
<td>$10,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Harvard University</td>
<td>$1,000</td>
<td></td>
</tr>
<tr>
<td>International Medical Corps</td>
<td>$10,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Jordan Elizabeth Harris Foundation</td>
<td>$3,500</td>
<td>$1,000</td>
</tr>
<tr>
<td>Latin Community Foundation</td>
<td>$15,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>Leukemia &amp; Lymphoma Society</td>
<td>$2,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Louisiana Tech University Foundation</td>
<td>$20,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>Norfolk Academy</td>
<td>$10,000</td>
<td></td>
</tr>
<tr>
<td>Parent Booster USA</td>
<td>$5,000</td>
<td></td>
</tr>
<tr>
<td>Parkland County Center of Hope Inc.</td>
<td>$5,000</td>
<td></td>
</tr>
<tr>
<td>Partners in Health, a Nonprofit Corp.</td>
<td>$10,000</td>
<td></td>
</tr>
</tbody>
</table>

**Sum of Other Miscellaneous Gifts**

$301,000

---

**Grants that Strengthen Our Community**

The Rainwater Charitable Foundation provides funding for organizations that work to integrate the most vulnerable and often overlooked populations in our community. This includes funding organizations that work in the areas of juvenile justice and homelessness, as well as those that work with victims of domestic abuse, those suffering from mental health challenges, and formerly incarcerated individuals. North Texas is an area full of rapid growth and opportunity, but it can also be quite daunting for people who are in need due to one or more unfortunate life circumstances. We love these organizations because they re-empower people and give them opportunities to fully participate in society. They change lives and make our community stronger every day.
## Statements of Financial Position

**December 31, 2018 and 2017**

<table>
<thead>
<tr>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
</tr>
<tr>
<td>Cash and cash equivalents $ 4,009,763</td>
<td>6,638,294</td>
</tr>
<tr>
<td>Investments, at fair value 901,129,672</td>
<td>981,108,750</td>
</tr>
<tr>
<td>Federal income tax refund receivable 1,654,476</td>
<td>1,654,476</td>
</tr>
<tr>
<td>Other assets 492,920</td>
<td>—</td>
</tr>
<tr>
<td>Property and equipment, net 230,811</td>
<td>463,166</td>
</tr>
<tr>
<td><strong>Total assets</strong> $ 907,503,522</td>
<td>989,450,268</td>
</tr>
<tr>
<td><strong>LIABILITIES AND NET ASSETS</strong></td>
<td></td>
</tr>
<tr>
<td>Liabilities:</td>
<td></td>
</tr>
<tr>
<td>Accounts payable and accrued liabilities $ 723,563</td>
<td>492,013</td>
</tr>
<tr>
<td>Grants payable 1,802,878</td>
<td>2,538,684</td>
</tr>
<tr>
<td>Current and deferred tax payable 1,029,571</td>
<td>4,058,937</td>
</tr>
<tr>
<td><strong>Total liabilities</strong> 3,556,012</td>
<td>7,089,634</td>
</tr>
<tr>
<td>Net Assets:</td>
<td></td>
</tr>
<tr>
<td>Without donor restrictions 903,947,510</td>
<td>982,360,634</td>
</tr>
<tr>
<td><strong>Total net assets</strong> 903,947,510</td>
<td>982,360,634</td>
</tr>
<tr>
<td><strong>Commitments and contingencies</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total liabilities and net assets</strong> $ 907,503,522</td>
<td>989,450,268</td>
</tr>
</tbody>
</table>

## Statements of Activities

**Years ended December 31, 2018 and 2017**

<table>
<thead>
<tr>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPERATING REVENUES</strong></td>
<td></td>
</tr>
<tr>
<td>Dividend and interest income $ 7,528,407</td>
<td>6,104,550</td>
</tr>
<tr>
<td>Realized gain on investments, net 6,860,491</td>
<td>32,794,022</td>
</tr>
<tr>
<td>Unrealized gain (loss) on investments, net (141,512,356)</td>
<td>24,096,707</td>
</tr>
<tr>
<td>Other income 41,774,626</td>
<td>38,999,501</td>
</tr>
<tr>
<td><strong>Total operating revenues (loss)</strong> (85,348,832)</td>
<td>101,994,780</td>
</tr>
<tr>
<td><strong>OPERATING EXPENSES</strong></td>
<td></td>
</tr>
<tr>
<td>Grants expense 41,686,424</td>
<td>34,239,675</td>
</tr>
<tr>
<td>Compensation and benefits expense 3,221,350</td>
<td>1,601,195</td>
</tr>
<tr>
<td>Professional fees and services expense 1,192,164</td>
<td>1,971,873</td>
</tr>
<tr>
<td>Direct charitable events and activities expense 998,743</td>
<td>933,847</td>
</tr>
<tr>
<td>Office facility and other expense 542,398</td>
<td>114,248</td>
</tr>
<tr>
<td>Income and excise tax (benefit) expense (576,787)</td>
<td>4,299,869</td>
</tr>
<tr>
<td><strong>Total operating expenses</strong> 47,064,292</td>
<td>43,160,707</td>
</tr>
<tr>
<td><strong>Change in net assets from operating activities</strong> (132,413,124)</td>
<td>58,834,073</td>
</tr>
<tr>
<td><strong>NONOPERATING ACTIVITIES</strong></td>
<td></td>
</tr>
<tr>
<td>Contributions from Estate Trust 54,000,000</td>
<td>25,217,094</td>
</tr>
<tr>
<td><strong>CHANGE IN NET ASSETS</strong> (78,413,124)</td>
<td>84,051,167</td>
</tr>
<tr>
<td><strong>Net assets at beginning of year</strong> 982,360,634</td>
<td>898,309,467</td>
</tr>
<tr>
<td><strong>NET ASSETS AT END OF YEAR</strong> $ 903,947,510</td>
<td>982,360,634</td>
</tr>
</tbody>
</table>
A final thank you to our grantees, funding partners, community members, elected officials, policymakers, other collaborators and to the Rainwater Team for helping us achieve our goals.