

Research / Foundation

FRAXA is joining hands with communities around the world to raise Fragile X awareness while accelerating progress toward effective treatments and ultimately a cure for those living with Fragile X.

Sponsorship Prospectus

July 22, 2021





World Fragile X Day 2021

World Fragile X

World Fragile X Day began with FRAXA Research Foundation's vision of joining hands with communities around the world to raise Fragile X awareness while accelerating progress toward effective treatments and ultimately a cure.

This global event is a day to celebrate families impacted by Fragile X syndrome and the progress of research to find a cure. On Fragile X World Day, we shine a light on this disorder by illuminating monuments and landmarks around the world.



What is Fragile X?

Fragile X is the most common known cause of inherited intellectual disability and the leading known single gene cause of autism. Fragile X occurs when a single gene shuts down -- a gene vital to normal brain function.

Light It Up!

In 2018, the Niagara Falls Illumination Board agreed to light up Niagara Falls in FRAXA's signature teal to celebrate Fragile X awareness. A year later, 22 landmarks were illuminated, and in 2020, the total rose to 67 in the U.S.! Throughout the U.S. and Canada and across the pond in Dublin, Ireland, FRAXA brought awareness to Fragile X by lighting up the sky teal. Our friends in Australia lit up 64 landmarks across their continent in 2020.

This year, 200 landmarks world-wide have already confirmed their participation, and this is just the beginning!

"World Fragile X Day is important to me because it gives the Fragile X community an opportunity to have a voice in unison. The Fragile X community is known to have fierce advocates and an incredible bond that is unlike any other syndrome. World Fragile X Day gives us hope of raising awareness and finding an effective treatment and ultimately a cure for Fragile X and related conditions."

Kelly Menke Randels Coleman, parent

Funding the Cure with Our Partners

Since 1994, FRAXA has funded more than \$30 million in biomedical research around the globe, yielding discoveries that are changing the lives of families coping with Fragile X. In addition to funding university-based researchers, FRAXA partners with pharmaceutical and biotech companies large and small to enable Fragile X development programs.

A Few Examples

- The FRAXA Drug Validation Initiative (FRAXA-DVI) in Santiago, Chile, provides speedy, cost-effective preclinical testing of potential Fragile X treatments.
 Through FRAXA-DVI we partner with pharmaceutical companies to test their compounds in Fragile X. Over 100 compounds have been validated to date, leading to many clinical trials.
- FRAXA contracted with Healx, a UK-based drug repurposing company, to use artificial intelligence to generate a list of promising available drugs, singly and in combinations, to tackle Fragile X. Based on this study with FRAXA, Healx was able to launch their global global Rare Treatment Accelerator program which aims to repurpose drugs for 100 rare diseases.
- When Tetra Pharmaceuticals developed a promising PDE4D inhibitor with potential to treat Fragile X, FRAXA provided preclinical testing and funded a successful phase 2 clinical trial. A phase 3 trial is expected to begin within months.

What FRAXA does goes far beyond what most people think of as "research." We are running a massive engineering project. We are constantly troubleshooting this complex project and making adjustments.

We have now validated dozens of potential therapeutic strategies which are ready for clinical trials.

FRAXA RESEARCH 3 Areas of Focus

- 1. Gene Therapy and Protein
 Replacement Reversing Fragile X
 at its core, by reactivating or
 repairing the silenced gene
- 2. **Translational Research**Repurposing available
 medications for Fragile X
- 3. **Clinical Trials**Funding treatment trials of new and available drugs for people who have Fragile X







SPONSORSHIP OPPORTUNITIES

SPONSORSHIP BENEFITS	25.00	Sente Source	247 NO. 300	\$1000 M
Inclusion In Official World Fragile X Day Promotions	/	/	1	
Social Media Campaign Recognition	1	√	1	✓
Recognition On World Fragile X Day And FRAXA Websites	√	√	1	✓
Logo On Event T-Shirt For Purchase By The Community	√	√	1	✓
Volunteer Opportunities	√	√	1	✓
Inclusion In Event Recaps On Social Media, Website, And Email Blasts	√	1	1	✓
Invitation To Virtual Gathering Of Researchers And Industry Leaders	1	√	1	/
1:1 Access To Top Experts In The Fragile X Field		√	√	✓
Logo On Promotional Email Blasts		√	1	√
Named FRAXA Research Award			1	✓
Generously Featured In Official World Fragile X Day Promotions			1	✓
Feature 1:1 Interview With FRAXA				✓
Custom Opportunities - Talk To Us!				✓

Landmarks Confirmed For 2021

UNITED STATES RSA Battle House Tower, AL Trustmark Bank Building, AL Van Antwerp Building, AL RSA Plaza & Tower, AL RSA Dexter Avenue Building, AL Union Plaza, AR Tucson's Historic 4th Avenue Underpass,AZ M on Box Springs Mountain, CA Los Angeles US Bank Tower, CA 140 New Montgomery, CA McNichols Civic Center Building, CO Delaware State Capitol Building, DE The Wheel at ICON Park, FL King and Queen Towers, GA Aloha Tower, HI 875 North Michigan Avenue, IL Wrigley Building, IL Regions Tower, IN Martin Luther King, Jr. Memorial Bridge, IN Shawnee City Hall, KS Flint Hills Discovery Center, KS Mercedes-Benz Superdome, LA Leonard P. Zakim Bunker Hill Memorial Bridge, MA Kenneth F. Burns Memorial Bridge, MA Medford City Hall, MA Longfellow Bridge, MA Fore River Bridge, MA Baltimore City Hall Dome, MD Baltimore Center Stage, MD Portland City Hall, ME Troy City Hall, MI I-35W Saint Anthony Falls Bridge, MN Sperry Tower, MN Lowry Avenue Bridge, MN France Ave, MN Forrest Roots Bar, Grill & Bottle Shop, MO Strawberry's Mid-Town Recreation Inc., James S. McDonnell Planetarium, MO Charlotte's NASCAR Hall of Fame, NC Romare Bearden Park, NC Wells Fargo Duke Energy Center, NC Alerus Center, ND Bob Kerrey Pedestrian Bridge, NE Las Vegas City Hall, NV Mid-Hudson Bridge, NY The Helmsley Building, NY Tower280, NY Legacy Tower, NY The Penthouse at One East Avenue, NY Rochester Riverside Convention Center, NY

The Penthouse at One East Avenue, NY
The Metropolitan, NY
3 City Center, NY
Rochester Riverside Convention Center, NY
Xerox Tower, NY
The Electric Tower, NY
Tuckahoe Village Hall, NY
Pier 17, NY
Library Tower, NY
Yonkers City Hall Clock Tower, NY
Terminal Tower, OH
University East Building, OH
Skydance Bridge, OK
Union Street Railroad Bridge, OR
Philadelphia's One & Two Liberty Place, PA

Philadelphia's Ben Franklin Bridge, PA Philadelphia's FMC Tower, PA Trenton Makes The World Takes, PA Gulf Tower. PA Koppers Building, PA Sakonnet River Bridge, RI Korean Veterans Memorial Bridge, TN Metro Nashville Courthouse, TN Houston City Hall, TX Montrose Bridges over Highway 59, TX TX: Alamo Quarry Smokestacks, TX Clark Nexsen Building, VA Two Union Square, WA Seattle's Evergreen Point Floating Bridge, Columbia Center, WA The Pfister Hotel, WI

<u>AUSTRALIA</u>

Telstra Tower, ACT National Carrillon. ACT Old Parliament House, ACT Manly Town Hall, NSW Newcastle City Hall Clock Tower, NSW Fragile X Association of AUS HQ, NSW Albury Entertainment Centre, NSW Gateway Bridge, QLD Victoria Bridge, QLD Story Bridge, QLD King George Square, QLD Mount Coot-tha Observatory, QLD Brisbane Town Hall, QLD Brisbane Treasury Casino, QLD Brisbane Convention & Exhibition Centre, Victoria Park, QLD Broadbeach Sign, QLD Surfers Paradise Sign, QLD Munro Martin Parklands, QLD The Reef Hotel Casino, QLD Mackay Council Chambers, QLD Rockhampton Riverbank Heritage Façade, Victoria Street Bridge, QLD City Hall Annex, QLD Strand Fountain, QLD Queensland Country Bank Stadium, QLD SkyPoint Observation Deck, QLD Reddacliff Place sculptures, QLD Townsville Sign, QLD Adelaide Festival Centre, SA Adelaide Town Hall, SA SA Power Networks Building, SA Riverbank Footbridge, SA City of Launceston Town Hall, TAS paranaple convention centre, TAS Cardinal Lights, TAS Railway Roundabout Fountain, TAS Kennedy Lane, TAS Elizabeth Mall, TAS Wrest Point Casino, TAS

Franklin Square Fountain, TAS Lake Wendouree Fountain, VIC Eureka Memorial Park Fountain, VIC Wodonga Water Tower, VIC Monash Park Tree, VIC Council Offices, VIC The Warrnambool Art Gallery, VIC Lighthouse Theatre, VIC Archie Graham Community Centre, VIC Melbourne Star, VIC Flinders Street Railway Station, VIC Melbourne Town Hall, VIC Old Treasury Building, VIC Bolte Bridge, VIC Bendigo Conservatory Building, VIC Ballarat Town Hall Clock Face, VIC Mooroopna Water Tower, VIC Catanary Lights, Geelong, VIC West Gippsland Arts Centre, VIC The Bell Tower, WA Matagarup Bridge, WA Perth Concert Hall, WA Council House, WA His Majesty Theatre, WA Queens Park Theatre, WA Sky Ribbon Bridge, WA Mounts Bay Bridge, WA Yagan Square, WA Elizabeth Quay Bridge, WA Mandurah Bridge, WA Northbridge Tunnel, WA Joondalup Drive Bridge, WA Crown Metropol Perth, WA Perth Convention and Exhibition Centre, WA

CANADA

Niagara Falls
CN Tower
High Level Bridge
RBC Convention Centre
BC Place
Port Moody City Hall
Calgary Tower
Halifax City Hall
Science World Dome

CHILE

IEB, University of Chile CABO Building

IRELAND

Limerick City and County Council Offices Mansion House

NEW ZEALAND

Oamaru Opera House Michael Fowler Centre

United Kingdom
The Ness Bridge
Edinburgh - Camera Obscura



FRAXA Ambassador Kelly Menke Randels Coleman pictured above with her son, Cody Randels who has Fragile X and her late father, John Menke, prior to his passing from FXTAS.

OUR IMPACT TO DATE

In 1994, parents Katie Clapp, Michael Tranfaglia, MD, and Kathy May founded FRAXA Research Foundation committed to finding a cure for Fragile X.

Since that time, FRAXA has become the global leader for funding the cure.

FRAXA has funded more than \$30 million in biomedical research globally, yielding discoveries that are changing the lives of families coping with Fragile X.

Learn more about our impact at fraxa.org.

\$30,692,922

Direct Investment in Fragile X Research

612

Research Grants Awarded **19**

Countries are Home to Research Teams

5

Ongoing Fragile X Clinical Trials and Studies 31

Pharmaceutical and Biomedical Partners

4

Gene Therapy and Protein Replacement Studies