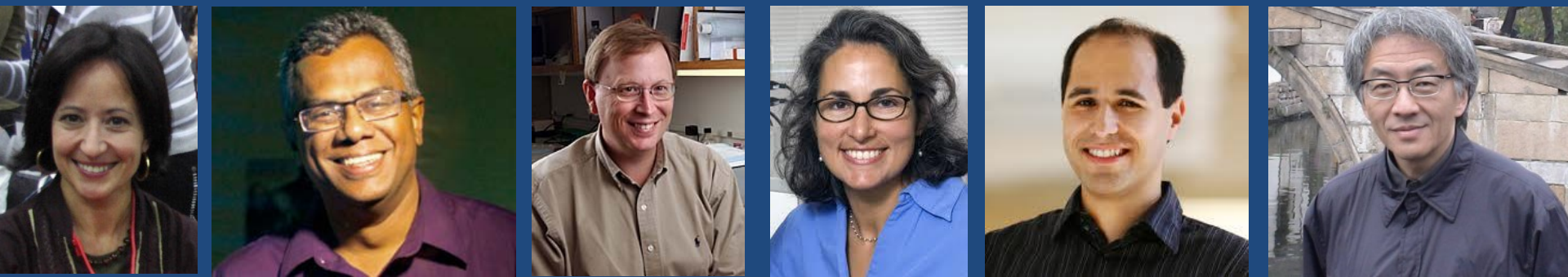


FRAXA

Finding a Cure for Fragile X



# LET'S FACE IT.

We're getting closer, but we need your support now to find a cure for Fragile X Syndrome.



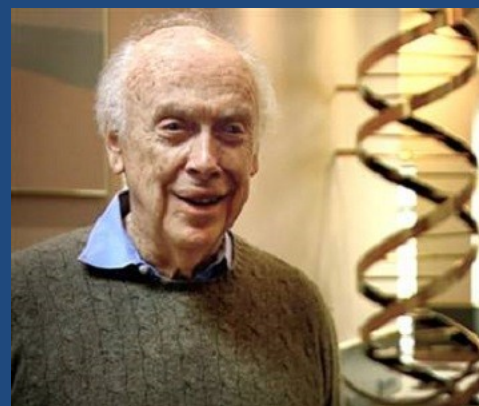
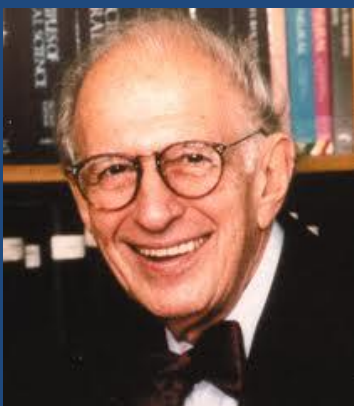




# ALL ABOUT THE CURE.

At FRAXA, we're the only organization in the world solely committed to finding a cure for fragile X. It's our sole mission!

**FRAXA**  
Finding a Cure for Fragile X



## NOBEL CAUSE.

Nobel Laureates (from left) Eric Kandel, MD, Susumu Tonegawa, PhD, and James Watson, PhD, along with many other top-notch scientists are on FRAXA's Scientific Advisory Board — all are the smartest people in the room and on a sole mission to find a cure for fragile X.

**FRAXA**  
Finding a Cure for Fragile X



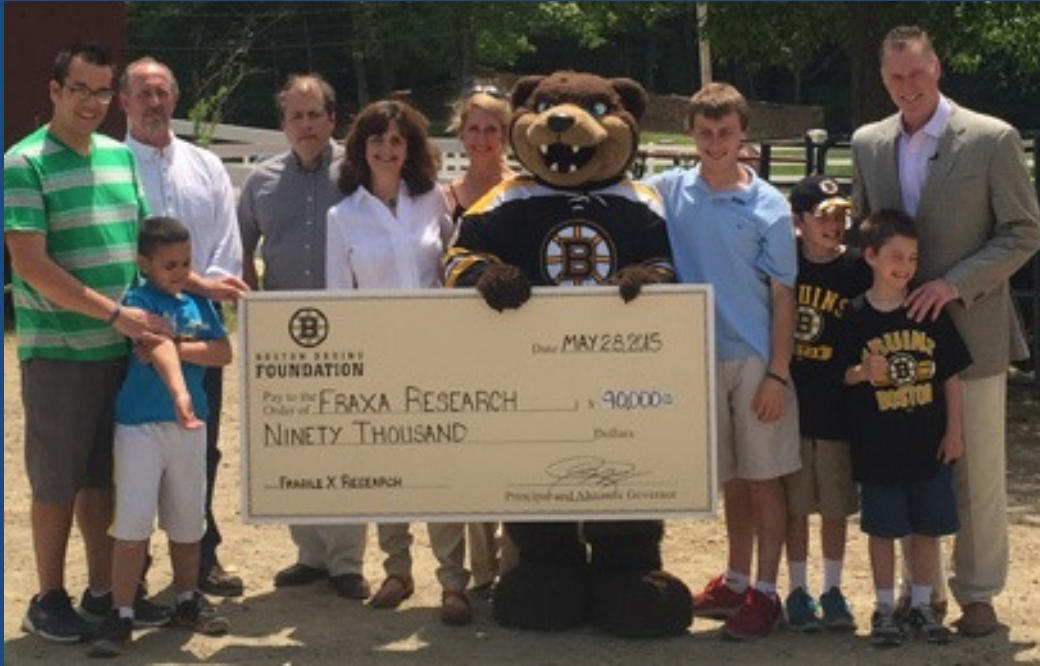


# THE X FACTOR

Our Board of Directors are all caring and dedicated parents who are solely committed to finding a cure for fragile X.







# WHY WAIT FOR A MIRACLE?

We're investing more than \$1 million in funding translational research in 2016 to actually find a cure for fragile X. We've funded \$25 million worldwide since our inception in 1994, yielding discoveries that are changing lives of families coping with fragile X.

**FRAXA**  
Finding a Cure for Fragile X

A photograph of three people in a laboratory. On the left, a woman with dark hair tied back, wearing a dark blue polo shirt, smiles. In the center, a woman with short dark hair, wearing a blue and white checkered button-down shirt, also smiles. On the right, a man with grey hair, wearing a dark grey sweater, stands with his hands on his hips, smiling. The background shows laboratory equipment, including a blue metal rack with various devices, a microscope on a table, and a white mesh structure. A semi-transparent blue box is overlaid on the left side of the image, containing text.

# SENSE OF URGENCY.

Hundreds of FRAXA researchers worldwide are in their labs right now testing, seeking, exploring — all thanks to your generous support!

**FRAXA**  
Finding a Cure for Fragile X





# DREAM WEAVER.

University of Wisconsin scientist Cara Westmark, PhD, studies the effect of promising therapeutics on sleep in fragile X mice: “FRAXA has created a collaborative and vibrant research community. It makes those of us working at a lab bench feel we’re part of an important cause.”

**FRAXA**  
Finding a Cure for Fragile X



A photograph of two men in a laboratory or clinical setting. The man on the right is wearing glasses and a blue striped shirt, smiling. The man on the left is wearing a plaid shirt and also smiling. In the background, there is a large circular MRI machine. A semi-transparent blue box contains text on the left side of the image.

# DOUBLE DOWN.

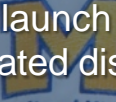
Canadian Professor Francois Corbin, MD, PhD, (right) pioneers combining two different drugs in Phase II fragile X pilot trial with promising results: “Everyone is looking at fragile X research. There is hope FX treatments will work for other causes of intellectual disability. FRAXA support is critical to the success of our research efforts.”

**FRAXA**  
Finding a Cure for Fragile X



# SWIMMING UPSTREAM.

University of Michigan researcher Peter Todd, MD, PhD, charts new waters to selectively turn back on the fragile X gene in human stem cells: "FRAXA has had a big impact on my research and career, and really helped launch my interest in working on fragile X-associated disorders."

  
University of Michigan  
Department of Neurology  
Peter Todd, MD

**FRAXA**  
Finding a Cure for Fragile X





# MEMORY LANE.

The University of Texas at Austin researcher Daniel Johnson, PhD, (left) explores harnessing nature to improve memory in fragile X mice: “FRAXA’s support has had a galvanizing effect on our research. FRAXA’s willingness to think outside the box will open new doors and increase the odds of finding a real cure.”

**FRAXA**  
Finding a Cure for Fragile X



## A STEP AHEAD.

Yale Professor Paul Lombroso, MD, (left) looks to improve cognitive and social behaviors in those affected by fragile X: “Thanks to FRAXA’s support, I am hopeful my research will lead to other researchers bringing a therapeutic drug to the market where cognitive deficits occur.”





# THE FX VALUE PROPOSITION.

FRAXA invests in many critical seed research concepts that private drug companies and government agencies, like the NIH, do not fund. In turn, FRAXA researchers take those concepts into preliminary data to hand on a silver platter to those organizations to conduct additional research to find a cure for fragile X.

# Autism

## THINK OUTSIDE THE BOX.

Brain research matters to all of us. FRAXA research projects are relevant to families affected by autism as well as many other disorders. Giving to FRAXA is as much of an investment in finding a cure for autism as it is in finding a cure for fragile X!



# OUR TEAM

FRAXA board members are parents of children with fragile X syndrome.

FRAXA scientific advisors are fragile X researchers.

## SCIENTIFIC ADVISORS

Mark Bear, PhD - MIT

Elizabeth Berry-Kravis, MD, PhD - Rush UMC

Graeme Bilbe, PhD - Drugs for Neglected Disease Initiative

W. Ted Brown, MD, PhD - Inst. for Basic Research

Robert Darnell, MD, PhD – Rockefeller

Justin Fallon, PhD - Brown

Joseph Horrigan, PhD - Amo Pharma

Steven Hyman, MD - Harvard

Eric Kandel, MD - Columbia

Pamela Mellon, PhD - UCSD

Kevin Moses, PhD - Wellcome Trust

David Nelson, PhD - Baylor

Michael Snape, PhD – Amo Pharma

Oswald Steward, PhD – UC Irvine

Susumu Tonegawa, PhD - MIT

Stephen Warren, PhD - Emory

James Watson, PhD - Cold Spring Harbor

Robert Wong, PhD - SUNY Downstate

Jerry Yin, PhD - University of Wisconsin

## DIRECTORS

Katie Clapp, MS

Dean Clark

Theodore Coutilish

Leslie Eddy

Kathan Pierce

Debbie Stevenson

Michael Tranfaglia, MD

James Vershbow

Ronald Watkins, Jr., CPA

Sasa Zorovic, PhD

## HONORARY BOARD

Doris Buffett

Jim Cantore

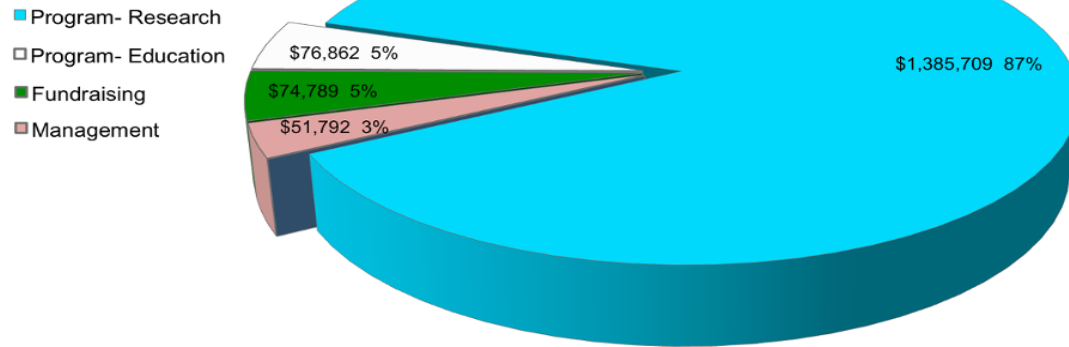
Mary Higgins Clark

James Denton

Dan Grimaldi

Roger Mudd





**FRAXA Expenses over past 5 years (source: form 990)**

<b>Expenses</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>Average</b>
Management/General	\$52,797	\$52,804	\$45,459	\$54,521	\$53,378	\$51,792
Fundraising	\$59,326	\$67,395	\$102,873	\$77,846	\$66,504	\$74,789
Program - Education	\$74,197	\$77,991	\$78,746	\$77,242	\$76,135	\$76,862
Program - Research	\$1,196,677	\$850,913	\$1,658,047	\$1,642,339	\$1,580,571	\$1,385,709
Program Total	\$1,270,874	\$928,904	\$1,736,793	\$1,719,581	\$1,656,706	\$1,462,572
<b>Total</b>	<b>\$1,382,997</b>	<b>\$1,049,103</b>	<b>\$1,885,125</b>	<b>\$1,851,948</b>	<b>\$1,776,588</b>	<b>\$1,589,152</b>
% Management/General	3.8%	5.0%	2.4%	2.9%	3.0%	3.4%
% Fundraising	4.3%	7.4%	4.2%	4.2%	4.3%	4.9%
<b>% Overhead Total</b>	<b>8.1%</b>	<b>11.5%</b>	<b>7.9%</b>	<b>7.1%</b>	<b>6.7%</b>	<b>8.3%</b>
% Program - Education	5.4%	7.4%	4.2%	4.2%	4.3%	5.1%
% Program - Research	86.5%	81.1%	88.0%	88.7%	89.0%	86.6%
<b>% Program Total</b>	<b>91.9%</b>	<b>88.5%</b>	<b>92.1%</b>	<b>92.9%</b>	<b>93.3%</b>	<b>91.7%</b>
<b>Total Income</b>	<b>\$1,278,419</b>	<b>\$1,338,001</b>	<b>\$1,179,369</b>	<b>\$1,179,369</b>	<b>\$1,633,409</b>	<b>\$1,321,713</b>
<b>Assets at 12/31/2015</b>	<b>\$2,159,261</b>					





# LET'S BE FRIENDS.

Like us on Facebook and follow us on Twitter. Donate today. Visit [FRAXA.org](http://FRAXA.org) to learn more about giving opportunities. **Together, we will find a cure for fragile X!**

## THE SMARTEST FX INVESTMENT.

Give at [FRAXA.org](http://FRAXA.org), one of the most efficient charities in the world, where management and general expenses are under 4 percent and a whopping 86 cents of every dollar is invested in research to find a cure for fragile X — far better than the industry average for charities that pay much more for overhead, salaries, support, education and advocacy.

