



## Protecting Synapses in Adults: An Early Intervention for Alzheimer's?

What do the developing brain and the Alzheimer's brain have in common? Beth Stevens, Ph.D., a developmental neurologist, is investigating an important connection: the loss of synapses, where neurons connect with one another to transmit important signals.

Stevens heads a lab in the F.M. Kirby Neurobiology Center at Children's Hospital in Boston. She's a superstar in the field, having received a Presidential Early Career Award for Scientists and Engineers in 2012 and a MacArthur "Genius Award" Foundation Fellowship in 2015. Now, she's making waves in the Alzheimer's field. This past May, her lab published a groundbreaking study identifying a pathway that may be responsible for synapse loss in the Alzheimer's brain, which is closely correlated with cognitive decline.

### Synapse loss in development

In the developing brain—from birth to early adolescence—synapse loss occurs normally and frequently. "It's a 'use it or lose it' system," Stevens explains. "The brain figures out which connections are important and which ones aren't, based on experience. It prunes the ones it doesn't need so that it can strengthen the more useful connections." Synapses allow neurons to communicate with one another, transmitting signals around the brain, enabling us to form thoughts, recall memories, perform motor skills and more. As our brains are molded by synapse growth and loss, our personality and identity also take shape.

Stevens, along with Cure Alzheimer's Fund Research Consortium member Ben Barres, M.D., Ph.D., published a 2007 paper showing that a protein named "complement" mediates healthy synapse loss. Complement "tags" unnecessary synapses for destruction. In much the same way macrophages devour invading pathogens like bacteria throughout the body, brain cells called microglia devour the complement-marked synapses. This tag-and-destroy activity so important to healthy brain development is also part of the brain's innate immune system, a first line of defense against infection and disease.

In healthy adults, this complement-pruning pathway largely is turned off. While microglia and complement still play other important roles, they're no longer trimming synapses on a large scale.

### Connections to Alzheimer's

Stevens first suspected a link between this complement pathway and Alzheimer's after hearing a lecture by Dennis Selkoe, M.D. Selkoe, a Harvard neurologist previously funded by Cure Alzheimer's Fund, discussed his finding that synapse loss occurs in Alzheimer's disease (AD) even before amyloid plaques are detectable. Stevens wondered whether complement might play a role in this very early synapse loss. Collaborating with Soyon Hong, Ph.D., a former graduate student in Selkoe's lab and now a postdoc in Stevens' own lab, Stevens launched an investigation to find out whether complement was present in the brains of Alzheimer's mice.

*continued on page 2 »*



#### INSIDE THIS REPORT

**Harvard Business School Alumni Reunite**

2

**A Growing Research Consortium**

3

**Researchers Reach Out**

3

**Rick Sharp Golf Classic**

4

**A Far-Reaching Message**

4

**New Additions**

5

**CaringKind**

5

**Cure Alzheimer's Fund Heroes**

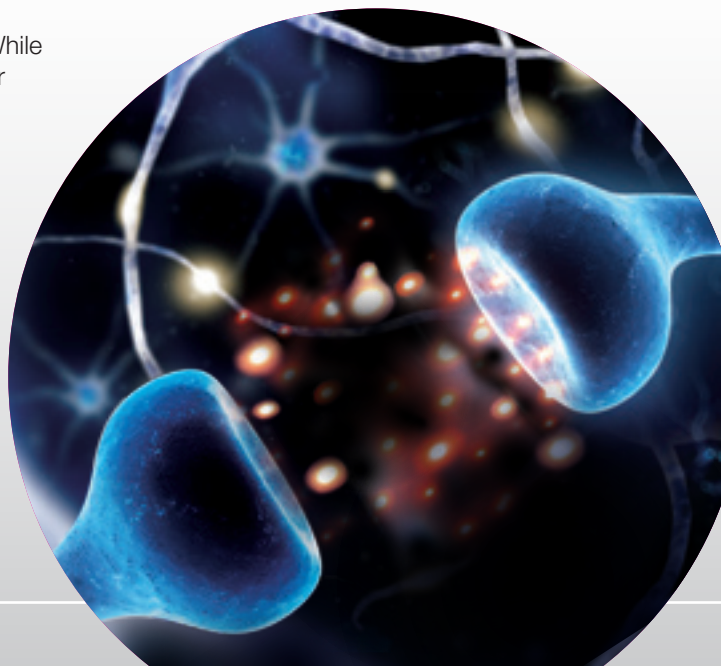
5 & 6

**Perfect Rating**

8

**6th Annual Fall Symposium:  
New Paths to Discovery**

8





**HARVARD  
BUSINESS SCHOOL**

## Alumni Reunite

Henry McCance and Jeff Morby, co-chairmen and co-founders of Cure Alzheimer's Fund and Harvard Business School (HBS) alumni, had their respective 50th and 55th reunions in June.

Morby made a presentation to 100 attendees of his reunion about the pathology of Alzheimer's disease and the major research initiatives that have been funded by Cure Alzheimer's Fund.

Later that day McCance was part of a panel discussion titled "The Urgency and The Hope," given to all the alumni classes to underscore the critical importance of Alzheimer's research. More than 200 people gathered to ask questions of the panel, which included Rudy Tanzi, Ph.D., chair, Cure Alzheimer's Fund Research Consortium; celebrity chef, model and early-onset Alzheimer's patient B. Smith and her husband, Dan Gasby; William Sahlman, HBS professor of business administration; and David Shenk, author of *The Forgetting*.

To watch the full panel discussion, visit <http://curealz.org/hbsreunion>.

## Protecting Synapses in Adults: An Early Intervention for Alzheimer's?

*continued from page 1 »*

Their findings supported the hypothesis: complement was upregulated in vulnerable brain regions like the hippocampus in the mice, coating synapses that had been pruned by microglia. Even more intriguing, Stevens and her colleagues found that by disabling or blocking the creation of complement, they could preserve synapses. These protected mice experienced less synapse loss.

### Cure Alzheimer's Fund

The next step was to see whether these findings would translate into human brains. Eager to find funding to continue the experiment, Stevens reached out to fellow researcher Rudy Tanzi, Ph.D., of Harvard Medical School/Massachusetts General Hospital, the chairman of the Cure Alzheimer's Fund Research Consortium. "We were unlikely to get funding from the National Institutes of Health (NIH) to do this work at this early stage," Stevens says. "It's brand new research, still high-risk and high-reward. We need more pilot data to prove how promising it is." At Tanzi's recommendation, she submitted a proposal to Cure Alzheimer's Fund, which awarded a grant to take the project to its next stage.

Now, Stevens' lab is looking at tissue and cerebrospinal fluid samples from human patients with mild cognitive impairment (a diagnosis that often precedes Alzheimer's) and early AD. They're hoping to see evidence of the same abnormal

levels of complement they witnessed in mice. If they do, they then will explore how to prevent the overproduction of complement in humans—and hopefully prevent cognitive decline.

### What's next

"Complement shows real potential as a therapeutic target," Stevens explains. "It's especially exciting because it's involved at a very early point in the disease. If we could stop synapse loss early, we might be able to stop cognitive decline, or at least stave it off for several years." Stevens is collaborating with fellow Cure Alzheimer's-funded researcher Cynthia Lemere, Ph.D., to show that protecting synapses also protects against memory loss in mice. There are some challenges ahead, however. Since complement plays other important roles in the brain, a safe and effective therapy would need to regulate it without removing it completely. Stevens also anticipates hurdles with getting a therapy into the brain and making sure it acts specifically, targeting complement alone and no other proteins. "I don't expect this work will overturn our basic disease model of amyloid, tau and inflammation," Stevens says, "but it adds another layer."

Tanzi is excited about the project. "This is a great example of what can happen when scientists from different disciplines collaborate with one another," he says.

"This is groundbreaking work—exactly the kind of project Cure Alzheimer's Fund is designed to support," says Tim Armour, president and CEO of Cure Alzheimer's Fund. "We're helping Dr. Stevens to investigate a new idea that both enhances our understanding of Alzheimer's and opens the door to new therapies. We're eager to see where her work goes next."



## Check Out Our Latest Alzstream™ Webinar

*Bringing Gamma Secretase Modulators to Trials: Steven Wagner, Ph.D.*

Find out about the exciting progress being made with gamma secretase modulators, a potential drug therapy for Alzheimer's, in this one-hour webinar. Steven Wagner, Ph.D., of UC San Diego's Department of Neuroscience and principal investigator, talks to David Shenk, senior adviser, Cure Alzheimer's Fund, about how the modulators work and what's being done to get them to human trials. To watch, visit [curealz.org/webinar](http://curealz.org/webinar). This webinar was recorded at our annual Research Consortium meeting in San Diego.



## A Growing Research Consortium

As we expand our research efforts, we continue to seek out leading researchers who can speed progress toward a cure. We recently asked three highly respected researchers, all of whom bring different strengths to our team, to join our Research Consortium.



**Ben Barres, M.D., Ph.D.**  
Stanford University, California

Originally from New Jersey, Dr. Barres is chair of neurobiology at Stanford University, with a research focus on microglial cells, the main component of the brain's innate immune system. He earned a B.S. at M.I.T., an M.D. from Dartmouth College, a Ph.D. from Harvard Medical School, and did his postdoc training at University College London.

**Bart De Strooper, M.D., Ph.D.**  
Vlaams Instituut voor  
Biotechnologie (VIB), Belgium

A native of Belgium, Dr. De Strooper heads up the VIB Department of Molecular and Developmental Genetics at the Katholieke Universiteit Leuven (KU Leuven). As a molecular biologist and professor, he specializes in secretases, important drug targets that separate the amyloid peptide from the amyloid precursor protein (APP), the primary cause of plaques in the brain. He obtained an M.D. and a Ph.D. from KU and completed his postdoc work at the EMBL in Heidelberg, Germany. Together with fellow Research Consortium member Dr. Christian Haass, he received the Potamkin Prize in 2002.



**Nancy Yuk-Yu Ip, Ph.D.**  
Hong Kong University of Science  
and Technology, Hong Kong

Dr. Ip is our first researcher from Asia, demonstrating the impact of Alzheimer's disease around the world. Her major research focus is on neurotrophic factors and the identification of novel molecular targets involved in the pathophysiology of neurodegenerative diseases.

*We are very pleased to announce the addition of Drs. Barres, De Strooper and Ip to our team of renowned global researchers.*

**Help us fund research with the highest probability of preventing, slowing or reversing Alzheimer's disease. Donations can be made through our website, [curealz.org/donate](http://curealz.org/donate), or sent directly to our office.**

**For gifts of securities or direct wire transfers, please contact Tim Armour at [877-CURE-ALZ \(287-3259\)](tel:877-CURE-ALZ) for further information.**

## Researchers Reach Out

Educating people about the pathology of Alzheimer's and the research required to get to a cure is critical to stopping this horrific disease.

As a result, Sam Gandy, M.D., Ph.D., and Sam Sisodia, Ph.D., esteemed members of Cure Alzheimer's Research Consortium, each took a break from his respective laboratory and turned to the podium this spring to address a room of passionate attendees.

Dr. Gandy, professor of neurology and psychiatry at the Icahn School of Medicine at Mount Sinai, presented his latest research to the Cure Alzheimer's Fund Young Professionals Group in New York City, which is co-chaired by Lee and Allie Goldfarb. The discussion was followed by a lively Q&A period. A month later Dr. Sisodia, Thomas A. Reynolds Sr. Family Professor of Neurosciences and director at the University of Chicago Center for Molecular Neurobiology, presented "More than a Gut Feeling" in Chicago, a discussion of immune responses caused by bacteria in the digestive system that influence pathology, and how these are linked to Alzheimer's disease.

"At both events our donors asked questions and spoke with these leading researchers," said John Slattery, senior vice president, Cure Alzheimer's Fund. "Our supporters really appreciate direct access to the scientists and we plan to replicate this approach to building awareness in the future."



*L to R: Sam Gandy, M.D., Ph.D., and Young Professionals Group chairs Lee and Allie Goldfarb.*



# Rick Sharp Golf Classic

In June, hundreds of people participated in the Rick Sharp Golf Classic and Auction at Independence Golf Club in Midlothian, Virginia. The inaugural event exceeded all expectations. CarMax was the presenting sponsor.

Over the course of his career, Richard L. Sharp founded CarMax and V-Ten Capital Partners, served as CEO of Circuit City Stores, and was chairman of the board of Crocs. He passed away from posterior cortical atrophy (PCA), a rare form of Alzheimer's disease, at age 67.

His wife Sherry now serves on the Cure Alzheimer's Board. "Rick was committed to finding an Alzheimer's cure, for the benefit of society and our family," said Sharp. "He was all in with everything he did, and I see that same passionate approach with Cure Alzheimer's Fund's cutting-edge research. With his friends, we also have established the Rick Sharp ALZ Foundation this year, and we wanted to come together and celebrate with this inaugural fundraising event for Cure Alzheimer's Fund."

The event began the evening before the tournament with a reception and auction for all participants and their families at the Independence Golf Club. The following day people gathered for early morning and afternoon shotgun starts.



"The turnout was incredible and it was a really well-run event with a lot of passionate people," said John Slattery, senior vice president at CAF. "Alzheimer's has clearly touched so many of us, and it was wonderful to see such an outpouring of support for such an important cause."



## A Far-Reaching Message

Today, Alzheimer's disease impacts families around the world. As a result, our Research Consortium is made up of national and international scientists, and our Cure Alzheimer's Fund message has been spread near and far.

In June, Sally Rosenfield, senior vice president of Cure Alzheimer's Fund, went to Hong Kong for a week to continue to build connections with supporters in Asia and underscore the importance of funding research toward a cure. Wilfred Leung, general manager of the Charles K. Kao Foundation for Alzheimer's Disease, organized a number of meetings for Rosenfield, including a luncheon with the foundation board at the Hong Kong Bankers Club. Rosenfield and Cure Alzheimer's Fund have a longstanding relationship with Gwen Kao, who founded the Alzheimer's advocacy and caregiving organization with her husband, Charles, after his early-onset diagnosis.



*L to R: Nelly Fung, Jay Shaw, Marissa Shaw, Sally Rosenfield, Joanna Fung and Kenneth Fung*

During the trip, Rosenfield spoke at the Family Wealth Report Asia Awards Gala, an event for those who support the ultra-high-net-worth sector, with Cure Alzheimer's Fund as the "spotlight charity." Cure Alzheimer's Fund also was the "spotlight charity" at the Family Wealth Report event in New York City last year. Cure Alzheimer's Fund friends Nelly and Kenneth Fung hosted a dinner at the Hong Kong Golf Club where Rosenfield gave a research update. She also met with Dr. Nancy Ip of the Hong Kong University of Science and Technology, one of Cure Alzheimer's Fund's newest Research Consortium members.

"This trip was focused on building our profile in the region," said Rosenfield. "In Hong Kong there is little knowledge about research progress in Alzheimer's disease, and as a result there's a real hunger for education. Everyone I met with had a huge interest in eradicating this disease. Alzheimer's is a worldwide problem that must be solved."

*Charles K. Kao Foundation Board members and Sally Rosenfield at the Bankers Club luncheon.*



*L to R, bottom: Angela Lee, Chairman Gwen Kao, Sally Rosenfield*

*L to R, top: Wilfred C.H. Leung, Alan Tong, Michael Lai and Dr. William Lo*

## New Additions

After doubling our distributions to research over the past year, we've recently made two new hires to help keep the organization's momentum going.

A recent *summa cum laude* graduate of Westfield State University, Connor Swan joined Cure Alzheimer's Fund as development associate to help with donor outreach.

"My grandpa was diagnosed with early-onset Alzheimer's and passed away at 64, while my grandma is currently in a memory support facility," he said. "I've seen what Alzheimer's can take from a family, and I want to try to stop other families from having to live with the same pain."



Connor Swan

With a background in office administration in the research and medical fields and a B.A. from Emmanuel College in business management, Katana Salmon brings more than 15 years of experience to CAF as our office manager and research administrative assistant. CAF's mission is especially important to Katana, as her grandmother lived with Alzheimer's for more than 10 years and her mother was diagnosed five years ago. Katana is now her caregiver.



Katana Salmon

The addition of Connor and Katana will help us respond more quickly to our donors and accelerate our progress toward finding a cure.



In August, Cure Alzheimer's Fund created an alliance with CaringKind, formerly Alzheimer's Association, New York City Chapter. Through this new relationship, individuals and organizations that express an interest to CaringKind about Alzheimer's research now will have access to the latest information and resources from Cure Alzheimer's Fund. Similarly, CaringKind will ensure Cure Alzheimer's Fund and its supporters have access to critical state-of-the-art caregiving services and programs.

"This alliance joins together two of the nation's most respected Alzheimer's-related nonprofits to provide complementary information and services to Alzheimer's patients and families," said Tim Armour, president and CEO of Cure Alzheimer's Fund.

Lou-Ellen Barkan, president and CEO of CaringKind, said, "As we move ahead, creating and delivering state-of-the-art caregiving programs and services for the Alzheimer's community, we also know that finding effective therapies for this disease is absolutely critical. We believe that Cure Alzheimer's Fund is a natural partner for us."

Added Armour, "Cure Alzheimer's Fund is honored to have been selected by CaringKind for this important relationship. We have learned that many people who are affected by Alzheimer's disease also are looking to learn more about the research that will lead to a cure, and we are grateful that CaringKind has selected us to help them with that part of their journey."

## CURE ALZHEIMER'S FUND HEROES



During its annual customer appreciation month in the spring, HSN Cares, the philanthropic arm of Home Shopping Network, donates \$1,000 each day to a charity of customers' choosing. Customer Brenda Blackston of Pawleys Island, South Carolina, nominated CAF because of her personal experience with the disease. "I watched my mother go from a smart, vibrant and loving mother to a shell of woman. I'd

never experienced anything as terrible as this before," wrote Brenda in her letter to the company. Andrea Masterson, senior manager at HSN Cares, was on the charity selection committee and was touched by Brenda's letter. "We are so happy to support CAF and spread awareness about its good work, as so many of us are affected by this terrible disease," she said.

## A.W. Chesterton

A.W. Chesterton, a manufacturing company based in Groveland, Massachusetts, encourages its staff to donate \$2 every Wednesday to the company's "charity of the month" for the right to wear jeans. Who knew denim had such a draw? In June Kendra Messier, 23, and her colleagues chose to support CAF because "it's a cause that's near and dear to many folks who work here," she said. CAF's John Slattery, senior vice president, and Laurel Lyle, director of fundraising programs, educated employees about the disease and the progress toward finding a cure. The employees raised \$741 for research.



The A.W. Chesterton team presents a check.

## Twitter and the Barn

Most of the 45 individuals who make up the Direct Message Twitter group @Mon\_Night\_Barn have been impacted by Alzheimer's in some way. As people who have seen the effects of the disease firsthand, the group was created as a forum for discussion, and to raise money to fight the disease. "We all know Alzheimer's can be hereditary and the idea of that is terrifying," said Breanna Miller, 30, fundraising coordinator of the group. They reached out to people to donate signed or handmade items that others then purchased. "Sam from the Internet (as he likes to be known) created The Barn as a retweet DM group to get exposure from people with thousands of followers. It worked well, and now we've evolved into a tightly knit group of friends," added Miller. They raised more than \$2,500 for research.

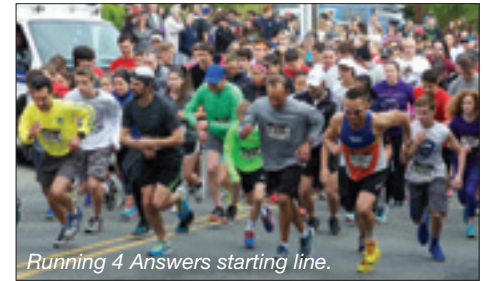


*"Your donations make a big difference in our progress toward finding a cure for Alzheimer's disease. Your passion, your energy and your generosity are an inspiration to all of us to work even harder to end this terrible disease. Thank you all for your leadership and support."*

—Tim Armour, president and CEO, Cure Alzheimer's Fund

## 7th Annual Running 4 Answers

Carolyn Mastrangelo and Barbara Geiger hold their annual Running 4 Answers Race and Fun Run in Roseland, New Jersey, each April in honor of Carolyn's mom, who suffered from Alzheimer's disease. This year almost 1,000 people gathered to support Alzheimer's research. One of Cure Alzheimer's Fund's most established "hero events," Running 4 Answers has donated more than \$240,000 to finding a cure for this devastating disease.



Running 4 Answers starting line.



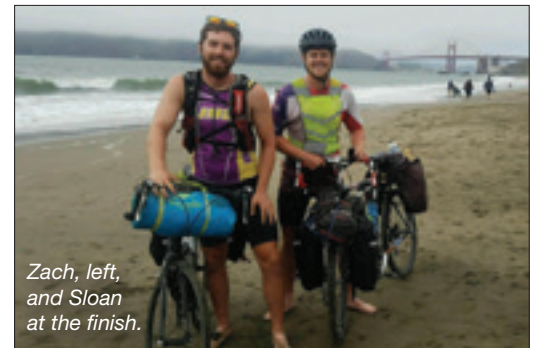
Members of the Beta Chi Sorority.

## Beta Chi National Sorority Gives Back

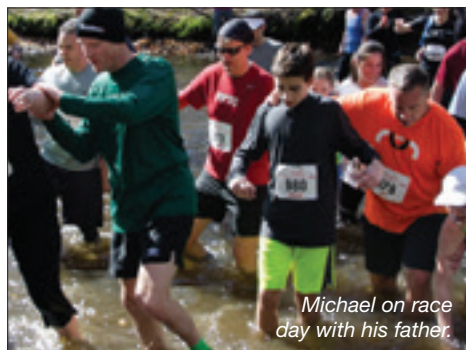
For almost a century, the national Beta Chi Sorority has extended charitable aid and general welfare to those in need. This year the sorority voted to support Alzheimer's research. "Many of our members have lost a loved one or have a loved one who suffers from this debilitating disease," said Beta Chi National President Pam Peterson. "We feel helpless as we watch them slowly fade away. That's why we were so passionate about raising funds to help find a cure." For the past two years, more than 100 women held trivia nights, pie and cheese ball sales and dueling piano concerts, just to name a few, to raise funds. At the group's national convention in Kalamazoo, Michigan, Sally Rosenfield, senior vice president of Cure Alzheimer's Fund, updated the group about research progress and gratefully accepted Beta Chi's donation of \$42,767.

## A Ride to Remember

A recent graduate of James Madison University, Sloan Meadows wanted to cap off his college career with a memorable experience to aid the greater good. With a family history of Alzheimer's, Sloan decided to cycle across the country to raise money for research. But he didn't want to do it alone. He recruited his college buddy Zach Browning, whose uncle is currently battling the disease and whose grandfather passed away from Alzheimer's last year. Sloan and Zach left Virginia on May 14 and arrived in San Francisco on July 2. Meadows Farms, a garden center in Chantilly, Virginia, was their primary sponsor. From the Sierra Mountains to the top of the Gateway Arch in St. Louis, Sloan and Zach loved meeting other cyclists who offered up their homes, their showers and a hot meal. They raised more than \$31,000 for research.



Zach, left, and Sloan at the finish.



Michael on race day with his father.

## Family First

For his mitzvah project this past spring, Michael Kintzer of Bedford, New York, ran a 10K race at Ward Pound Ridge Reservation to raise money to help fight Alzheimer's disease. One of Michael's grandfathers died last year from the disease, and the other struggles daily with memory loss. "My family code—how my Poppy and Grandpa lived and still live their lives—has always been family first," said Michael. Wanting to follow in their footsteps, he and his father, Jeff, trained for the race together and plan to make it an annual fundraiser. "Some of it was fun and some of it felt like punishment," Michael said. "I knew it was nothing compared to how hard my Grammy worked to make life easier for my Poppy when he became sick, and how much work my Grandma does now for my Grandpa." Michael raised more than \$2,000 for research.

## Run-a-Thon

In June, Brandon Petelin, 34, ran on an unmotorized treadmill for 24 hours straight at Crossfit Balance in Washington, D.C., to raise money for Alzheimer's research. His goal? \$1 per minute—or \$1,440. "The event started out as a joke," he said, but the reality of what he could accomplish made him take the idea seriously. "Alzheimer's is one of those diseases that seems to impact everyone in one way or another," added Brandon. "It's affected my family and my wife's family, as well as those of my best friends. Making strides toward a cure will get us closer to eliminating one of the scariest diseases out there."



Brandon (top right) and his supporters.

## Financial Update

	This Quarter*	YTD*	Inception to Date
<b>Fundraising</b>	\$1.3M	\$3.4M	\$63.4M
<b>Expenses paid for by the board</b>	\$0.8M	\$1.4M	\$13.4M
<b>Funded research</b>	\$1.7M	\$2.2M	\$40.2M

\*Numbers shown are preliminary for the period and are rounded to the nearest \$100,000.

## Research Update

Research funded during the second quarter of 2016

Project/Researcher	Distribution Amount
<b>Pathway Cross-Talks Associated with Gender and Risk for Alzheimer's Disease</b> Murali Doraiswamy, M.D., Duke University Medical Center	\$151,655
<b>Acceleration of FDA-Required GLP Gene Toxicity Studies with the GSM BPN-15606</b> Steven Wagner, Ph.D., University of California, San Diego	\$144,450
<b>Alzheimer's Disease-Associated Mutations in Protein Kinase C</b> Alexandra C. Newton, Ph.D., University of California, San Diego	\$250,000
<b>Activation of the 26S Proteasome for the Treatment of Alzheimer's Disease</b> Alfred L. Goldberg, Ph.D., Harvard Medical School	\$150,000
<b>Modeling Neuronal Aging in Specific Subtypes of Human Neurons by MicroRNA-Mediated Neuronal Reprogramming</b> Andrew S. Yoo, Ph.D., Washington University School of Medicine	\$150,000
<b>Modeling DNA Methylation Changes in Alzheimer's Disease Using Human-Induced Pluripotent Stem Cells</b> Rudolf Jaenisch, M.D., Whitehead Institute/Massachusetts Institute of Technology	\$150,000
<b>Role of Neurexins in Alzheimer's Disease Pathophysiology</b> Vivek Gautam, D.V.M., Ph.D., Harvard Medical School/Massachusetts General Hospital	\$150,000
<b>Investigating the Mechanism of Entorhinal Cortex Hypermetabolism in APOE4 Targeted Replacement Mice</b> Karen Duff, Ph.D., and Tal Nuriel, Ph.D., Columbia University	\$150,000
<b>Analytical and Statistical Tools for Sequence Analysis for Alzheimer's Disease</b> Christoph Lange, Ph.D., Harvard School of Public Health	\$250,000
<b>Therapeutic Modulation of TREM2 Activity</b> Christian Haass, Ph.D., DZNE Munich	\$150,000
<b>Mechanisms By Which the Gut Microbiome Influences Amyloid Deposition and Neuroinflammation in Mouse Models of Alzheimer's Disease</b> Sangram S. Sisodia, Ph.D., University of Chicago	\$250,000
<b>The Role of Meningeal Lymphatics in Cleansing the Brain: Implications for Alzheimer's Disease</b> Jonathan Kipnis, Ph.D., University of Virginia School of Medicine	\$150,000
<b>Will Restoration of Normal Glymphatic Function Slow Progression of Cognitive Decline and Amyloid Plaques in a Murine Alzheimer's Model?</b> Maiken Nedergaard, M.D., D.M.Sc., University of Rochester	\$150,000
<b>G2T Research Models and Materials</b> Taonic Biosciences	\$247,997
<b>Total Distributed to Research for Q2 2016</b>	<b>\$2,494,102</b>

### CHARITY DESIGNATION

Cure Alzheimer's Fund® is a "doing business as" name for the Alzheimer's Disease Research Foundation, a 501(c)(3) public charity with federal tax ID #52-2396428.

## Cure Alzheimer's FUND

34 Washington St., Suite 200  
Wellesley Hills, MA 02481  
Telephone: 877-CURE-ALZ (287-3259)  
Fax: 781-658-2399  
curealz.org

Centre City Tower  
650 Smithfield St., Suite 2015  
Pittsburgh, PA 15222  
Telephone: 412-261-2785

### Mission

Fund research with the highest probability of preventing, slowing or reversing Alzheimer's disease.

### Research Consortium

**Rudolph E. Tanzi, Ph.D.**, Chairman, Research Consortium;  
Harvard Medical School/Massachusetts General Hospital  
**Ben A. Barres, M.D., Ph.D.**, Stanford University  
**Bart De Strooper, M.D., Ph.D.**, Vlaams Instituut voor Biotechnologie  
**Murali Doraiswamy, M.D.**, Duke University  
**Karen Duff, Ph.D.**, Columbia University  
**Sam Gandy, M.D., Ph.D.**, Icahn School of Medicine at Mount Sinai  
**Charles Glabe, Ph.D.**, University of California, Irvine  
**Christian Haass, Ph.D.**, Ludwig-Maximilians-Universität München  
**David Michael Holtzman, M.D.**, Washington University, St. Louis  
**Richard L. Huganir, Ph.D.**, The Johns Hopkins University  
**Nancy Ip, Ph.D.**, The Hong Kong University of Science and Technology  
**Bruce Lamb, Ph.D.**, Indiana University  
**Christoph Lange, Ph.D.**, Harvard T.H. Chan School of Public Health  
**Virginia M.-Y. Lee, Ph.D., M.B.A.**, University of Pennsylvania  
**Roberto Malinow, M.D., Ph.D.**, University of California, San Diego  
**Eric E. Schadt, Ph.D.**, Icahn School of Medicine at Mount Sinai  
**Sangram S. Sisodia, Ph.D.**, University of Chicago  
**Li-Huei Tsai, Ph.D.**, The Picower Institute, MIT  
**Robert Vassar, Ph.D.**, Northwestern University  
**Steven L. Wagner, Ph.D.**, University of California, San Diego  
**Berislav Zlokovic, M.D., Ph.D.**, University of Southern California

### Scientific Advisory Board

**Dennis Choi, M.D., Ph.D.**, Chairman, Scientific Advisory Board,  
Stony Brook University  
**Caleb Finch, Ph.D.**, University of Southern California  
**Paul Greengard, Ph.D.**, The Rockefeller University  
**Vince Groppi, Ph.D.**, University of Michigan  
**John S. Lazo, Ph.D.**, University of Virginia  
**Robert C. Malenka, M.D., Ph.D.**, Stanford University  
**John C. Mazziotta, M.D., Ph.D.**, UCLA  
**William Mobley, M.D., Ph.D.**, University of California, San Diego  
**Ronald C. Petersen, M.D., Ph.D.**, Mayo Clinic  
**Thomas C. Südhof, M.D.**, Stanford University

### Board of Directors

**Henry F. McCance\***, Lake Wales, Fla., Co-Chairman  
**Jeffrey L. Morby\***, Key Largo, Fla., Co-Chairman  
**Tim Armour**, Wellesley Hills, Mass., President  
**Robert F. Greenhill**, New York City  
**Jacqueline C. Morby\***, Key Largo, Fla.  
**Phyllis Rappaport\***, Stuart, Fla.  
**Sherry Sharp**, Richmond, Va.  
**Matthew Szulik**, Boston  
\*Founder

### Administration

**Tim Armour**, President and CEO  
**Madeleine Adelson**, Marketing Manager  
**Barbara Chambers**, Senior Engagement Officer  
**Emily Franko**, Intern  
**Cindy-jo Gross**, Special Projects  
**Laurel Lyle**, Director of Fundraising Programs  
**Jessica Mutch**, Chief Financial Officer  
**Sally Rosenfield**, Senior Vice President  
**Katana Salmon**, Office Manager and Research Admin. Assistant  
**David Shenk**, Senior Adviser  
**John P. Slattery Jr.**, Senior Vice President, Development  
**Meg Smith**, Senior Adviser, Strategy and Special Projects  
**Connor Swan**, Development Associate  
**Cindy Turner**, Bookkeeper  
**Dorothy Vacaro**, Gift Processing

Contributing Writer: Patty Bovie  
Copy Editor: Colleen O'Neill  
Design: Winking Fish



34 Washington St., Suite 200  
Wellesley Hills, MA 02481

877-CURE-ALZ (287-3259)  
curealz.org

# Perfect Rating

Cure Alzheimer's Fund received a perfect 100 percent rating from Charity Navigator, the leading evaluator of charities in the United States.

"While we are proud of this honor, we are even more proud of the fact that this top ranking has increased awareness for Alzheimer's research and helped people understand Cure Alzheimer's Fund's particular focus on innovative, high-value research to accelerate progress toward truly effective therapies," said Tim Armour, president and CEO of Cure Alzheimer's Fund. "The score of 100 percent—a score received by only 50 of more than 8,000 charities in the United States—not only reflects our organization's financial health and accountability/transparency, but also demonstrates our good stewardship of donor dollars." In addition to the 100 percent rating, Cure Alzheimer's Fund has received four out of four stars five times, an achievement attained by only 6 percent of rated charities.



Check out our Facebook page for our most recent posts, photos, videos and more! Go to [facebook.com/CureAlzheimers](https://facebook.com/CureAlzheimers).

## 6th Annual Fall Symposium NEW PATHS TO DISCOVERY

Mark your calendars for our 6th annual research symposium on Wednesday, Oct. 19. This year, to accommodate our growing audience, it will be held at the Boston Public Library at Copley Square in Boston. Starting at 2 p.m., we'll be showing a series of short films, including the winning entries from the "Living with Alzheimer's" Film Contest. This will be followed by a discussion with Eric Latek, grand prize-winning filmmaker.

At 4 p.m., Cure Alzheimer's Fund Co-Chairmen and Co-Founders Henry McCance and Jeff Morby will kick off the research portion of the symposium. Rudy Tanzi, Ph.D., Massachusetts General Hospital, Murali Doraiswamy, M.D., Duke University, and Beth Stevens, Ph.D., Boston Children's Hospital, will discuss "New Paths to Discovery"—how they are yielding rich insights into the complexities of Alzheimer's disease. They also will update the audience on our progress toward a cure.

As always, the event is free of charge and open to the public, but please register in advance at [curealz.org/symposium](https://curealz.org/symposium). We'll be live streaming the event and posting a recording on our website in case you're unable to attend in person. Don't miss what's sure to be an exciting and educational event!