

CURE is the leading nongovernmental agency fully committed to funding research in the epilepsies. CURE is at the forefront of epilepsy research, raising millions to fund innovative research and other initiatives that will lead the way to a cure.

Letter from Susan Axelrod and Gardiner Lapham





As mothers of children who have been deeply affected by epilepsy, we are extremely grateful for your support and want to share with you some of CURE's highlights from 2013. We are proud to also declare that 88% of our funds were invested in our mission—among the highest for charities nationwide.

CURE invested more than \$4M in research and related activities such as scientific conferences in 2013. The majority supported cutting-edge research grants, of which the applications received were extremely competitive and filled with state-of-the-art science that promises to advance our understanding of the epilepsies. We expanded our global reach, now funding researchers in 13 countries.

CURE was pleased to announce an exciting new partnership which took off in 2013, with the Howard Hughes Medical Institute's Medical Research Fellows Program. CURE will provide financial support for up to three medical students each year to conduct mentored research on epilepsy.

Also in 2013, we launched the *Frontiers in Research Seminar Series*. The series is an effort to share innovative epilepsy topics and discoveries with a goal of attracting the best and brightest minds into the field of epilepsy research. We anticipate 10 seminars to be sponsored at different institutions each academic year offering presentations to a wide audience of clinicians, medical students, young investigators, basic science researchers and interested supporters.

The year saw exciting progress for the eight teams of investigators participating in our Infantile Spasms Research Initiative. We continue to support their collaborative research aimed at finding a cure for this rare and devastating childhood epilepsy syndrome. This "dream team" of scientists span adult and pediatric neurology, basic mechanisms of the epilepsies, animal modeling, human genetics and clinical trial design and execution. We are proud to be at the forefront of team science.

Scientific advancements abounded through CURE- sponsored research in 2013, including the discovery by grantee Dr. Peter Crino, who found important new evidence that Human Papillomavirus (HPV), the most common cause of cervical cancer, is linked to epilepsy-causing brain defects that occur in children. This breakthrough discovery may lead to a definable cause and treatment for focal cortical dysplasia type IIB epilepsy.

We were pleased to publish the 2013 State of Research in the Epilepsies Report. Findings include many promising trends, such as the increase in collaboration evident throughout the field. But major challenges were identified, including the sobering news that funding of epilepsy research, per patient affected, continues to be inadequate.

But, we are making strides. Our 15th Annual CURE Chicago Benefit, with more than 1,000 people in attendance, raised an unprecedented \$1.2 million. Tireless volunteer energy from coast to coast has driven a record number of activities and fundraisers, without which CURE would not stand where we do today, as the largest private funder of epilepsy research.

2013 was clearly a transformative year. We welcomed new board members from across the country, who bring expertise, talent and insight to our organization. Driven by their passion to find a cure for epilepsy, they join us in thanking you for your commitment and support of biomedical research in this critically important area. The progress we are witnessing is phenomenal because of you. And because of you, too, the future is filled with promise.

With sincere appreciation,

Susan Axelrod Founding Chair Gardiner Lapham Board of Directors Chair CURE's transformative research program has supported more than 165 brilliant scientists and labs in 13 countries. Since its inception in 1998, CURE has raised more than \$28 million for research program activities. CURE invests more than 88% of its funds in its mission, among the highest percentage for charities nationwide.



EXTRAORDINARY FAMILY RAISES FUNDS FOR EPILEPSY MITH HELP FROM MLB GREATS

itting on the side of his daughter's hospital bed, after brain surgery to determine where her seizures emanated from failed, David Fradkin knew that they had two choices—to give up or to get going. Since giving up was out of the question, David and his then 10 year-old daughter Sarah began to brainstorm ideas. What was initially born out of heartache has



led to an extremely successful effort to spread awareness about epilepsy and raise funds for research for a cure. "You can sit around and mope or you can do something about it," said the Southbury, Connecticut man. "There is no other option."

"We are just ordinary people doing extraordinary things."

David Fradkin, Southbury, CT

Sarah Fradkin

Sarah and her family—including her dad, David; mom, Monica; and brothers, Noah, 11 and Max, 8—have dealt with Sarah's uncontrollable seizures since she was diagnosed with epilepsy at age 6. Since her diagnosis, Sarah has been on 18 different anti-convulsant medications and a modified ketogenic diet, all of which have failed.

When first diagnosed, Sarah suffered hundreds of seizures a day. Several months later, she experienced a three-year hiatus of seizures, only to have them return again. Then this year, she was seizure-free for another nine months. Once again, they came back.

"We were hoping she had grown out of them," Monica Fradkin said. "It's like being punched in the stomach because you are not prepared for it."

Sarah knows she is a part of a frightening statistic.

"One in 26 people get diagnosed (with epilepsy in their lifetime)," Sarah said. "I think it's important for people to know that."

The Fradkin family point out that epilepsy affects more people than multiple sclerosis, cerebral palsy, muscular dystrophy and Parkinson's combined—yet receives fewer federal research dollars per patient than each of these. In addition, more people die each year from epilepsy than do from breast cancer, however there is no comparison to the amount of funding and awareness that breast cancer receives.

So as part of their family's effort to help with both the awareness and funding for epilepsy research, in 2011, the Fradkins created an annual event called S4 (Sarah & Southbury Strikeout Seizures). The event features a 2.4 mile walk, food, games, a silent auction and more—all to benefit Citizens United for Research in Epilepsy (CURE).

Over the past two years, S4 has raised about \$240,000. The 2014 event was held on June 7 and raised more than \$100,000, funding a research grant for CURE.

The Fradkins are far from alone with their fundraising efforts. David Fradkin, who owns a baseball apparel company, called on a few famous friends for some help.



Lets Strikeout Seizures & Cure Epilepsy www.S4epilepsywalk.com

Team Captain Sarah Fradkin

The S4 team includes baseball all-stars such as Paul Molitor; Jim Thome; Ruben Amaro; Tim Wakefield; Carl Willis; Eric Wedge; Chris Carpenter; Pat Hentgen; Sandy Alomar, Jr.; Bruce Bochy: Charles Nagy; Robby Thompson; Mark Shapiro; Bud Black; Brian Schneider Tom Candiotti; and Buddy Bell, who himself has epilepsy. Baseball memorabilia

and one-of-a-kind experiences with these players, former players and coaches are available for auction before and during the S4 event.





"This S4 team is definitely going to find a cure, not only for Sarah, but for others suffering from epilepsy," David Fradkin said.

Recently, Sarah spoke at an event in Newtown, Connecticut, in front of over 250 people and told them of her daily struggles, noting that she is one of 3 million people living with epilepsy in the U.S..

Later that night an 11-year-old boy came up to the Fradkins table and introduced himself saying, "I am one of those 3 million people, too."

When she is not receiving attention for her fundraising efforts, Sarah has similar hopes and dreams like many 13-year-old girls have. "I've always wanted to be an actress," said the pretty, brown-haired girl, who also excels at swimming and soccer.

And despite the herculean efforts of the family, David Fradkin said they aren't doing anything that anyone else can't do.

"We are just ordinary people doing extraordinary things," he said. "Life is not about waiting for the storm to pass, it's about learning to dance in the rain."

CURE wishes to thank the following individuals and organizations for their remarkable fundraising efforts in 2013.









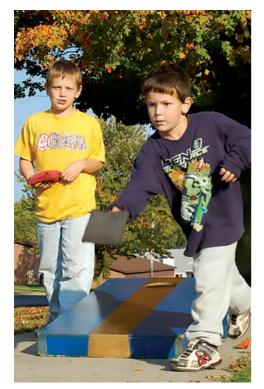




















2013 Events

\$200,000 and above

Christopher Donalty Benefit for a CURE

Utica, NY

\$150,000-\$199,999

Kuwait Embassy Dinner 2013

Washington, DC

\$100,000-\$149,999

S4 Walk for Epilepsy

Southbury, CT

Drive for CURE 2013

Wheaton, IL

Hope4SUDEP

Worldwide

\$25,000-\$99,999

San Francisco Benefit

San Francisco, CA

\$10,000-\$24,999

Hugh-A-Thon

Western Springs, IL

Joey's Song 2013

Madison, WI

Building CURE Globally

Worldwide

North Shore Century Ride for CURE

Chicago, IL

Madison Friends of CURE 2013

Madison, WI

RE: Epilepsy 2013

Highwood, IL

Running for Samson

Cleveland, OH

Fly for Faith

Boca Raton, FL

\$5,000-\$9,999

Clipper Round the World

Cape Town, South Africa to Western Australia

Shutouts for Seizures

Madison, WI

The Cupid Chase

Senoia, GA

Blue Jeans Ball

Harrisville, RI

Third Annual Teresa's Birthday Benefit for CURE

San Francisco, CA

Art from the HeART

Los Angeles, CA

White House Correspondents Brunch 2013

Washington, DC

Houston Dinner 2013

Houston, TX

CURE365

Northbrook, IL

\$2,500-\$4,999

Fencing for a Cause

Winnetka, IL

CURE and the City

Santa Monica, CA

Kyle's Run for a Memory 5K

Victor, NY

Maddie's Marathon

Washington, DC

Wrestling for a CURE

Salt Lake City, UT

Natalie Jane's Birthday Party

Topeka, KS

\$1,000-\$2,499

Rica's Marathon

Victoria, British Columbia

Team Scott

Hoboken, NJ

Don's Birthday

Alexandria, VA

Cornhole for CURE

Ludington, MI

Barbara's Birthday

Topeka, KS

Up to \$999

Rock for CURE

Evansville, IN

Running for a CURE

Washington, DC

Victoria Marathon

Victoria, British Columbia

Lyndsay Kappel Sale 2013

North Canton, OH

Gobble Job 5K

Marietta, GA

AN INSPIRATION GONE TOO SOON TO EPILEPSY

t almost 37, Cameron Benninghoven had the wisdom of an old soul and the wonder of a young child. He was the picture of good health and fitness—except for the epilepsy that he had been diagnosed with at the age of 16. But that was under control with medicine, and in all of those years he only had a handful of seizures. It was one of those seizures, however, that would take the life of this thriving, good-looking, adventurous and successful young man during the night of November 4, 2009,



from a phenomenon known as sudden unexpected death from epilepsy (SUDEP). "When Cameron died, we had never heard of SUDEP," said his mother, Ellen Benninghoven. "We had never even dreamed Cameron could die from epilepsy."

"Cameron is a reminder that we study SUDEP because it has a real human toll. The people and families who suffer SUDEP are not just a statistic."

Edward Glasscock, PhD, Louisiana State University Health Sciences Center

Cameron Benninghoven

Ellen's sister immediately looked up SUDEP on the internet and found the only organization in the U.S. that was doing research in the area—CURE. The family asked that in lieu of flowers, donations be sent to CURE in Cameron's name and a new relationship dedicated to help find a cure for SUDEP was formed.

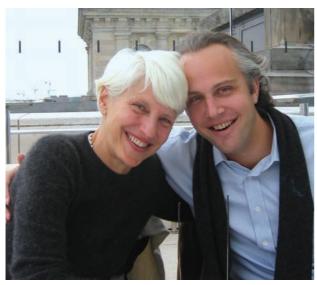
Ellen and her long-time partner, Dr. Michael Schafer, set out to fund a CURE research grant for Edward Glasscock, PhD, at, Louisiana State University Health Sciences Center, entitled, "Pharmacological reversal of cardiorespiratory deficiency in the Kcna1-null model of SUDEP."

"A few months ago, I asked Ellen if she could send me some pictures of Cameron so I could include them in presentations and seminars I give on SUDEP and put up on the wall of my lab," Dr. Glasscock said. "Cameron is a reminder that we study SUDEP because it has a real human toll. The people and families who suffer SUDEP are not just a statistic."

Cameron continues to be quite the inspiration. According to his parents, he was as beautiful on the inside as he was on the outside.

"He literally loved everything about life," said Ellen. "Everybody was just so enamored with him."

Ellen Benninghoven with her son Cameron



Tributes **Andy Abplanalp Teofilo Adame** Blaise Aguirre, MD **Angelina Ahrens Kyle Akers** Rima Al Sabah **Gregory Albert Hannah Albus** Marisa Alexander **Elizabeth Alford** Melissa Jane Allen **Nicholas Alexander George Allen** The Mother of Dr. David **Center and Family Greg Anderson Randy Anderson Andrea Andrea** Jade Andrews **Duthaler Andy** Kathryn S. Anschutz **Ellie Archer Deziree Arguelles** Ramie & Merri L. Arian Isabella Armitage Susan V. Armstrong Adam Ashley Lauren Axelrod Susan & David Axelrod **Mv Buddv Dave from** Case Hall Back in the day **Dylan Baird Adam Baldonado Nicholas Barber Emily Barrett Ryan Barrett** Julie Bashkin Balarka A. Batabyal **Noam Bauman Michael Baumgartner Aline Rose Bautista**

Tyler Bazemore

Bryant Bechtold

Michele Beck

Aaron Becker

David Bellamy

Tony Benjamin

Michael Bembery

Joan & Kirk Bennett

Cameron Benninghoven

Buddy Bell

Chaim Bell

Ellen Benninghoven Jim and Erika Beran Carol Bergmann **Chance Birkicht Susan Bailey Black** Drs. Heather & Samantha Block **Linnea Bloom Nate Bloom Helen Boen Luke Boles Elizabeth Boone** Johyn Borden **Kimberly Borden Paul Borden-Smith Richard Boswell Mike Bottone Mary Bowman Cameron Boyd Cindy Boyd** Marian Bradly-Kohr Melissa Brauninger **Bridgett Marie Braunscheidel** Thomas S. Bridges **Ruth Bronston Charlotte Brown George Brucks Robert Buckley** Ella Bull **Olivia Grace Bullis Carrie Burns Debra Cafaro & Terrance** Livingston **Owen Cahillane Seth Camisione Sheryl Kamen & Staff Camp Blue Ridge** Michael & Lori Canter **Mom and Dad Capretto Martin Carlson** John Carmichael Jeff & Bobbi Carroll **Christopher Cassell** Karen Castrianni Robert H. Chadderdon Leon Chavarria **Adam Chefitz Ben Chefitz Mitchell Chefitz Samson Chefitz Eunice Cherry**

Howard Chess

Ellen believes that societal pressures kept her son from going to a doctor regularly and being checked to see if he needed to increase his medication.

"People who have epilepsy have difficulty getting jobs, getting insurance," she said. "You can't get a driver's license if you have had a seizure within 12 months."

The couple honors their son with their work with CURE and making sure they spread awareness about SUDEP.

"Our concern is two-fold," Michael said. "That meaningful research and awareness about SUDEP are increased.

"I'm a physician and I didn't even know about the dangers of SUDEP," Michael continued. "He lived a perfectly normal life with the occasional seizure."

Michael said that he believes that many neurologists worry that it is enough of a burden for parents and patients to be told they have epilepsy.

"They don't want to also burden them with the possibility that they could die from it," Michael said. "We want to reverse that."

Facts about SUDEP

- > 1/100 people have a seizure disorder; 1/1000 people with epilepsy die every year of SUDEP.
- > People who have uncontrolled seizures are at heightened risk for SUDEP.
- > SUDEP takes more lives annually in the United States than Febrile infection related epilepsy syndrome (FIRES) and sudden infant death syndrome (SIDS) combined.
- > A person with epilepsy has a more than 20 times higher rate of sudden death than does the general population.

Jakob Chu **Mark Cochran Kyle Coggins Donna Cohen Brantley Coleman Chris Colfer Mike Collins Mirabel Condon Haley Congdon** Mary Ellen & Chris Connelly **Danny Cooke Corcoran Family Caitlin Corkery Kaylene Cottgias Dorothy Faith Cozzens Heather C. Craig** Callie R. Craik Catherine Crescenti **Katherine Rose Cresto Neil Creveling Patrick Crowe** Ella Claire Cunneen **Chelsea Curley Mark Danford Treadwell Melissa Daugherty** Jason Davidson Sugan Davies Anne Marie Davine **Meredith Davis** Mary Ellen De Carlo Justin De La Garza **Ann Decker** Matt Decker Robert Decker Dan Delfosse Katy DeLorenzo **Nicole Demmon Uday Deo**

Tributes cont.

Reagan Duhon Melvyn Durchslag **Andy Lowell Duthaler Jennifer Eaton Lindey Epps** Jason Epstein **George Erickson Marilyn Evans Gretchen Everham** Samantha Ewendt **Wendy Fallon Ballasch Auvil Family** Katie Faulkner Katya Fay **Roz Feinberg Tony & Josephine Ferrante Barbara Ferraro David Fields Herman Fine Elaine Fitch** Timothy B. Fitzgerald **Patricia Fitzsimons** Jessica Flynn **Eric Folan** Ryan A. Forim **Alexis Forman** The Camiscione Family **Fostoria Rotary Club** Sarah Fradkin **Jeanette Waniak Francis Bonnie Franklin** Andrew Frascella **Carol Friedman Sally Friedman Robbie Funston** Laura Gabor Charlie Galbraith Paul Gallagher Paige Gamble **Karan Gamble Barbara Gannaway Kara Gebhart Mary Genco Eitan Gewold Tissie Gilbert Patrick Gillespie Patrick Gilmore Emily Gioia** Zelda Gisser **Emily Goggin**

Elana Golan

Lonny Gold

Erika Dubreuil

James Derby

Amit Dhadwal

Paula Diamond

Sandy Dietz

Ann DiPetta

Stacey Dodd

Maura Dolan

Peter Dombek

Frank Donalty

Erma E. Duben

Siina Doran

Vincent DeSanctis

Maria & David Dichiara

Tracy Dixon-Salazar

Christopher Donalty

Marah Goldman Harper Goldsby Tracy Gonos Rose Gordon Maddy Gorman Ernie & Marion Gottlieb Michael Gottlieb Heidi Grabenstatter **Herb Graham** Stephen Graham Mary Jane Granata **Aaron Green Beniamin Mason Greenblatt** Michael, Nettie, Emma & **Nathan Greenstein Dana & Claire Grisolano Laura Groomes Christopher Morgan Gulick** Diana Gyulai **Christine Hagenlocher Emily Diane Hall Michael Halldorson Theresa Hallett** Joshua & Mark Halpern **Roseanne & Robert Ham Andrew Hamilton Madison Hanocek** Joe & Kathy Hardy **Mary Elizabeth Hargett Chantel Harris Ellie Hart Rvan Hartman Phyllis Hawthorne Michael Healey** Alex Heldman Paul Heldman Roger Heldman Josie Heller **Taylor Henderson Robert Bradley Hendrix Harriet Virginia Henning Brewer Mikalle Higby Elizabeth Higgins** Lauren Hitt Patricia S. Hoffman **Shira Hoffman** Anderson Holder-Dodaro **Barton Holmest** William Robin Hood Sarah Jane Hooker Jon Hopper **Donna Lee Howe**

Tributes cont.

Beniv Goldman

Irene Hsu Michael Hubbard **Kate Hylton Tom Hynes Henry lida** Susan Inman **George Inness** Abigail Ivie **Christian Jackson Zach & Heather Jackson** Judy James **Jack Janson** John R. Jav **Lawrence Jochman** Tracev Johnson **Chuck Johnston** Pc Jordan Jr. **Peter Joyce** Vinod K Ted & Muriel Kahn Hannah Kaplan **Emerson Kappel** Jonathan Kastner Lewis Katz Steve & Donna Katz **Tyler Katz** Susan & Jules Kaufman **Brian Keane** Eliza Kegg Sean J. Kehler **Scott Keller Kent Kelley Ian Charles Kelly Joseph Matthew Kessler Maeve Kilcoyne John King Kristin Kinzey** Frik Kirk Lisa Kirkpatrick **Scott Kirton Kevin Kleiner** Mildred Kluk Timothy S. Knupp Michelle Koehne **C&C** Koether George Koether Joan and Ben Koether Mr. & Mrs. Scott Kofkin Antoinette Kohlmeister Calvin Kolster Mithra Korukonda

Natasha Krol

Kyle Goodwin

Katie Lamb

Vincent Lampshire Richard Landau **Gardiner Lapham Henry Lapham Alexis Ann Lastoria** Dawson Laws **Donna Lee Howe** Kai Leisher **Rodger Levin Greg Lewis Hadley Lewis** Erin Leyden **Christopher Liebscher Marylin Lipkind Leonard Liss Gary David Liston Debbie Cafaro & Terry** Livingston **Maggie Loesch Kyle T. Loftus Cindy Loman** William Lonergan **Andrew Lowell Rick & Roberta Lowell Alyson Lowrey Jordon Ludtke Augie Luedtke** Jason & Traci Lukert **Beth Lundy Walter Lyles Evan Macpherson Shannon & Jeff Maier Robert Malkmus, MD** Katelyn Mancini Jenn Mann, MD **Scott Mannis Gina Marcl** Ken & Sally Margolis **Tony Marino Daniel Mark Ronald Marra** Jessie R. Marsh **Anna Martin** Joshua Mattern **Charlie Mayon** John P. McCormick **James McIntvre Mary Beth McIntyre** Mr. & Mrs. Kenneth B. **McIntvre Guy McKhann, MD** Chris Mendeles

Anil Mendiratta, MD Sharon Mikol

Constance Miller Maggie Miller Valerie Milnes Joanna Milstein **Elena Monroy Ingrid Monroy Beth Montroy MacKenzie Moore** Sarah Morath **Emily Morhaim** Mo & Linda Morin Elijah & Isajah Morris **Kim Morris Stanley Morris Suzanne Morrow Melissa Murray Kristy Leigh Music Abigail Myers Benjamin Myers Grant Myers Anna Nathan** Siobhan Neitzel Jett Nickelson **Eric Nolan David Matthias Nolten Gregory Nye** Chantal O'Brien, MD **Hugh O'Donnell MacKenzie Olsen Clinton Osthimer** Alvssa Pablo Jose Antonio Paez **Greg and Eleanor Page Emily Pantzer Angela Pappas** Todd Parker Jenna Parlette Jared Pascarelli Corey S. Patz Shannon Peloquin Grace Penwell James Perfitt Julian Peskin Veronica Petrie **Zach Pfingston Joshua Phetteplace** Jordan Phillippi **Amy Pike Kimberly Piwko Andrew Plotkowski Ebony Poindexter Eric Pooler Ethan Potocki**

Calvin Miller

Christine Poulson Teddy Premo Dean Primmer Sandra Lee Pritchett Nilesh Rajadhyax **Pat Rankin Robert Rutkoff Rebecca Ginsberg Justin Reed**

Stephen Michael Reese Adam Regan Jake Reibert Leslie Reif Adam Roberts Joseph Robinson **Robert Roels Gladys Roman Belle Rose Parker Roseen**

Joshua Rosenstock **Christopher Rouse**

Nisha Roy David Francis Sacchetti Scott Saimomd

Hazel Sakai Savannah Salazar Jessica Saling / Gill Vanessa Saling / Gill **Caroline Sayre**

Katie Schilthuis

Megan Schmidt

Alan Schneider

Laz & Ellen Schneider **Susan and James** Schneider, MD Michele Schoenfeld

Alan Sear

Neil C. Shade Sr. **Christy Shake**

Nikita Sharma Rabbi Leonard & Lois Sharzer

Chernie Shayman

Malcolm Sherbine

Alice Shorr

Alice E. Shorr **Elizabeth Diane Shreves**

Bruce Siegel Randy & Lisa Siegel

Rebecca Siegel

Liz Silverman **Dave Simon**

Ashok Singh Anuradha Singh, MD **Rebecca Smits**

Barry Sobolewski Jennie Solomkin **David Solow**

Clyde Alexander Sommers

Sephen C. Speck **Susan Spencer Laura Staniland Stacey Steele Esther Sternman**

Eitan Samuel Stern-Robbins

Twyla Stewart Trey Strickland Linda Keith Strohl Debbie Stuckey Timothy J. Sulivan, Jr. **Quinn Sullivan**

Stephen R. Summers **Tammy Galleshaw Forgue**

Susan Galleshaw **Eileen and Tom Sutula, MD**

Robert Swidler Gerald M. Taub Kimberly Taube

Niko Tax

Cory Shawn Taylor Courtney Taylor William L. Thomas **Zachary Thompson** Russell Thompson Jr.

Alan Titunik

Samuel Brennan Toback

Emma Tollefson Anna Tomaras Libby Toohey David Toye Sullivan Turner Livia Umeda

Bridget Van Den Bussche

Nora VanGenderen **Kelly Vasile Emily Vaughn**

Kirk Vlad

Beatrice & Samuel Vogelstein

Paulina Vokulich Rees Volante Matson Vollers Hayden Ira Walker **Teresa Walsh**

Jeffrey Scott Wasserman

Jenna Waterbury

Kowalski Wedding Guests Michael James Weed Diane Lynn Wesner Alison White

Melissa White Phil Whitehurst

Reginald C. Wilkins, Jr.

Janet Wilson Nick Wojtukiewicz Robert & Lori Wolfe Robert Wright

Ms. Jimmie Wrightstone

Jack Wsol Eric Wulchin M Yang

Larry Yanowitch

Lisa Yee Lauren Zaph **Brynne Ziegler Edie Zusman, MD**

EOCUSES ON A CARING COMMUNICATIONS FIRM FOR COMMUNICATIONS FIRM FOR

hile playing at his aunt's house, a then 10-year-old Rick Jasculca witnessed an event that still haunts his memory today and was one of three pivotal life moments that set him on a path to help find a cure for epilepsy. The now Chairman & CEO of Jasculca Terman Strategic Communications, a firm headquartered in Chicago, was playing with his cousin Joan, who was also 10, when she fell to the ground and had a seizure in front of him. He didn't



know she had epilepsy—or even what epilepsy was. "I was petrified," Rick said. "Back then people didn't talk about (epilepsy). After I witnessed it my parents sat me down and talked about it with me."

Rick Jasculca and Jim Terman with the talented staff from Jasculca Terman Strategic Communications

"But with epilepsy, here's a disease we can do something about. We have the opportunity to find a cure and we can so profoundly make a difference in so many lives."

Rick Jasculca

Rick Jasculca

So many years later, when a good friend, Susan Axelrod, approached Rick about helping out on her first annual event for her newly formed organization to provide funding for epilepsy, Rick said he was all in. He and his partner Jim Terman and the rest of the team at Jasculca Terman—which now includes two of Rick's children who are V.P.'s at the firm—have been providing an abundance of in-kind donations ever since.

"They have been there from the very, very beginning and bring their whole team to every project that he works on for us," said CURE Founding Chair Susan Axelrod. "Neither Rick nor Jim has ever said no to any request—no matter how big or small—and still to this day do anything we ask of them."

The year of the first annual event, in January 1999, the guest speaker was then First Lady Hillary Rodham Clinton. As fortune would have it, Rick was also serving as the White House advance lead, so he was in charge of the First Lady's schedule. The event was a tremendous success.

It was another personal tie, however, that would really bind Rick and his wife Judy—who sadly passed away of ovarian cancer in 2010—to the cause and convince them to continue to help the organization throughout the years. The Jasculcas have four children: Aimee, 41; Christopher; 39; Andrew, 35; and Lauren, 33. Lauren Jasculca Foley, the youngest, is about the same age as Lauren Axelrod, the daughter of Susan and David Axelrod, who has epilepsy.

"I saw them grow up on very different paths," Rick said. "I will never forget a meeting Susan and I were both at when I told the person we were meeting with that Susan and I both had Laurens who were the same age and both full of potential. As I was telling the story both Susan and I broke down."

In a very special moment for Rick, last year, his daughter Lauren, who is now V.P. of Operations and Special Projects for Jasculca Terman, served as the stage manager for CURE's annual event, which again featured Hillary Clinton as guest speaker, with a guest appearance by Lauren Axelrod.

"Many of us feel we have no choice but to embrace this cause, but Rick is a person whose heart is so big that he has embraced it whole-heartedly and as passionately as if it touched his immediate family personally," Susan said. "He is so very special and we wish we had more of him!"

The third personal tie that convinced Rick he could make a difference if he committed his time and money to CURE, was watching his wife's brother Tom overcome polio.

"They found a cure for polio, so I said, 'We can come up with a cure for epilepsy,'" Rick said. "I believe as a society we have an obligation to do that."

Over the years, Jasculca Terman has provided CURE with services ranging from event planning—planning CURE's annual events—to newsletter and annual report production. They have provided PR assistance and in the infancy of the organization, were there to open doors and make introductions.

"We have been on the scene for over three decades so we have a lot of important relationships," he said. "We do what we can and what is necessary. We want everyone to feel that they are part of a team."

When asked why his firm gives so much to one organization, Rick, who has served terms in both the Carter and Clinton administrations, said that the answer lies in a lesson he learned while working with the Carter Center. "At the Carter Center, they focus on democracy, human rights and



Jim Terman (left) and Rick Jasculca with President Jimmy Carter at the 2014 Publicity Club of Chicago Golden Trumpet Awards. Rick and Jim were presented with the Lifetime Achievement Award.

health care, but they focus on very specific pieces," he explained. "In health care, they haven't focused on the big sexy pieces. They focus on things like river blindness and guinea worm in Africa and they have completely eradicated guinea worm. So I have seen if you have a focus and a discipline you can conquer it."

Rick said that while he and his family have been personally touched by cancer—most closely by the death of his wife Judy—he has chosen epilepsy as the disease that he wants to conquer.

"Epilepsy doesn't have the ballyhoo of a lot of other diseases," he said. "Over the course of a year I write a lot of checks to charities. But with epilepsy, here's a disease that we can do something about. If we stick with it, we have the opportunity to find a cure and we can so profoundly make a difference in so many lives."

In-Kind Kindness

AKPD Message & Media ASGK Public Strategies Bruce Bever Photography Benenson Strategy Group Deutsch, Inc. **Earhole Studios** Eli's Cheesecake **Mike Fierros Filmgear Jasculca Terman Strategic Communications Judy & Scott Leisher Mesirow Financial Ricardo Mondragon** Cyndi Moran **Michelle Norkett Brian Noves Jorge Reyes Ortiz PRG Sidley Austin LLP** John Sircher **Alan Thatcher** Tiffany & Co. **Walter Payton Jazz Orchestra Zacuto Howard Zwirn**

EXPANDING RESEARCH AND BUSINESS ARDAD

Ithough Joel S. Marcus has no personal ties to epilepsy, he is passionate about helping to find a cure for the disease. As one of the newest members of the board of directors of CURE, Joel brings the leadership and international business experience that he has gained as Chairman, Chief Executive Officer and Founder of Alexandria Real Estate Equities, Inc. "Epilepsy is an underfunded and underserved set of diseases," Joel said. "It is one of the most unappreciated areas of neuroscience."

Joel believes that his experience will help CURE operate as a world-class business. CURE has been named a "Four Star Charity" by Charity Navigator—America's largest and most trusted independent charity evaluator.

"You need to have great management, you need a financial and business strategy, and to really go after it," he said.

Originally of Denver, Colorado, Joel founded Alexandria Real Estate Equities, Inc., the largest and leading REIT uniquely focused on collaborative and innovative science and technology campuses in urban innovation clusters, in 1994, and co-founded Alexandria Venture Investments in 1996, and the annual Alexandria Summit™ in 2011.

Joel was first introduced to CURE when he met David Axelrod, the husband of CURE Founding Chair Susan Axelrod, at a Citigroup CEO dinner.

"I'm a Republican and he's obviously a Democrat," Joel said. "We had a good debate. I told him I was disappointed with the administration's work in the research and development industry."

A friendship developed. Joel said he was impressed with Susan's personal passion towards finding a cure

for epilepsy and David's ability to bring the message to the people. In 2013, he invited both Susan and David to serve as panelists at the Medical Research Philanthropy Alexandria Summit, an annual gathering of scientific thought leaders, from healthcare, technology, finance, academia, government, non-profit, and reimbursement exchange insights, debate critical issues, and develop strategic, actionable outcomes to address the most critical healthcare issues facing society.

Moved by the Axelrods' panels, Joel said he found their determination to cure epilepsy absolutely inspirational. CURE represents everything he stands for, what he has built a career and business upon—a belief in science. The combination of his convictions and newfound friendships have led him to make his first personal donation to the research organization he would become a board member of six months later.

"CURE funds paramount science and deserves to be viewed as the predominant research organization that it is. I hope to bring some business acumen from my years in the industry to help continue expanding this extraordinary research program."

Research Organizations Supported by CURE Around the World

CURE is proud to have supported researchers at the following esteemed institutions over the years.

Albert Einstein College of Medicine, NY

Ann & Robert H. Lurie Children's Hospital

of Chicago, IL

Barrow Neurological Institute, AZ

Baylor College of Medicine, TX

Ben-Gurion University of the Negev, Israel

Bogomoletz Institute of Physiology, Ukraine

Boston College, MA

Boston University, MA

Brandeis University, MA

Brigham and Women's Hospital, MA

British Columbia Children's Hospital, Canada

Case Western Reserve University, OH

Children's Hospital Colorado, CO

Children's Hospital, Boston, MA

Children's Memorial Hospital, IL

Children's Hospital of Philadelphia, PA

Children's Hospital, St. Louis, MO

Children's National Medical Center, Wash DC

CHU-Sainte-Justine, Canada

Cincinnati Children's Hospital, OH

Cleveland Clinic, OH

Colombia University, NY

Cornell University, NY

Creighton University, NE

Dana-Farber Cancer Institute, MA

Dartmouth College, NH

Drexel University, PA

Duke University, NC

Emory University, GA

Epilepsy Bereaved, UK

George Washington University, Wash DC

Great Ormond Street Hospital for Children, UK

Greater Los Angeles VA Medical Center, CA

Grenoble Institute of Neuroscience, France

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Harvard University, MA

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Karolinska Institutet, Sweden

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Lehigh University, PA

Leiden University Medical Center, Netherlands

Louisiana State University, LA

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Massachusetts General Hospital, MA

Max Planck Institute, FL

Mayo Clinic, MN

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New York Medical College, NY

New York University, NY

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Table 1 III in the TX

Texas Tech University, TX

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CURE has awarded more than 160 cutting-edge projects in 13 countries around the world to date

University of British Columbia, Canada University of California, Berkeley, CA University of California, Davis, CA University of California, Los Angeles, CA University of California, San Francisco, CA University of Colorado, Denver, CO University of Connecticut, CT University of Florida, FL University of Illinois Urbana Champaign, IL University of Kuopio, Finland University of Maryland, MD University of Melbourne, Australia University of Michigan, MI University of Minnesota, MN University of Montana, MT University of Montreal, Canada University of Nice-Sophia Antipolis, France University of North Carolina - Chapel Hill, NC University of Pennsylvania, PA University of Rochester, NY University of Southern California, CA University of Sydney, Australia University of Texas Southwestern, TX University of Toronto, Canada University of Turku, Finland University of Utah, UT University of Veterinary Medicine, Germany University of Virginia, VA University of Washington, WA University of Wisconsin, Madison Uppsala University, Sweden Vanderbilt University, TN Wake Forest University, NC Washington University, MO Weill Medical College of Cornell University, NY

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Wesleyan University, CT Yale University, CT

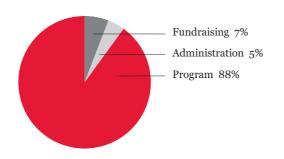
Statements of Financial Position

Years ended December 31, 2013, 2012

Audited Financial Statements

	2013 Unrestricted	Temporarily Restricted	Total	2012 Unrestricted	Temporarily Restricted	Total
Assets						
Cash and cash equivalents	\$ 2,930,436	\$ —	\$ 2,930,436	\$ 4,888,350	\$ 350,000	\$ 5,238,350
Investments	6,853,344	_	6,853,344	5,612,360	_	5,612,360
Grants and accounts receivable	279,039	250,000	529,039	220,880	166,666	387,546
Prepaid expenses and other asset	ts 78,673	_	78,673	47,147	_	47,147
Fixed assets, at cost less accumulated depreciation of \$18,327 in 2013 and \$12,257 in 2012	25,616	_	25,616	23,188	_	23,188
Total Assets	\$ 10,167,108	\$ 250,000	\$ 10,417,108	\$ 10,791,925	\$ 516,666	\$ 11,308,591
Liabilities and Net Assets						
Accounts payable and accrued expenses	\$ 74,605	_	\$ 74,605	\$ 102,467	_	\$ 102,467
Grants payable	1,953,495	_	1,953,495	3,016,042	_	3,016,042
Total Liabilities	2,028,100	_	2,028,100	3,118,509	_	3,118,509
Net Assets	8,139,008	250,000	8,389,008	7,673,416	516,666	8,190,082
Total Liabilities and Net Assets	\$ 10,167,108	\$ 250,000	\$ 10,417,108	\$ 10,791,925	\$ 516,666	\$ 11,308,591





Statements of Activities and Changes in Net Assets

Years ended December 31, 2013, 2012

2013 Unrestricted	d Temporarily	Total	2012 Unrestricted	Temporarily	Total
	Restricted			Restricted	
Support and revenue					
Contributions \$1,547,169	5 \$250,000	\$1,797,165	\$1,002,998	\$100,000	\$1,102,998
Net special events 2,501,130	5 –	2,501,136	3,986,108	_	3,986,108
Investment income 186,840) —	186,840	150,303	_	150,303
Other 5,293	3 –	5,293	5,417	_	5,417
Net assets released from restriction 516,666	6 (516,666)	_	716,667	(716,667)	_
Total support and revenue 4,757,100	(266,666)	4,490,434	5,861,493	(616,667)	5,244,826
Expenses					
Program services 3,857,12	1 –	3,857,121	4,189,960	_	4,189,960
General administration 224,593	3 –	224,593	179,909	_	179,909
Fundraising 308,309	9 –	308,309	304,291	_	304,291
Total expenses 4,390,02	3 –	4,390,023	4,674,160		4,674,160
Increase in net assets from operations 367,07	7 (266,666)	100,411	1,187,333	(616,667)	570,666
Change in fair value of investments 98,51	5 –	98,515	313,669	_	313,669
Change in net assets 465,599	2 (266,666)	198,926	1,501,002	(616,667)	884,335
Net assets, beginning of year 7,673,410	5 516,666	8,190,082	6,172,414	1,133,333	7,305,747
Net assets, end of year \$8,139,008	\$ 250,000	\$ 8,389,008	\$ 7,673,416	\$ 516,666	\$ 8,190,082

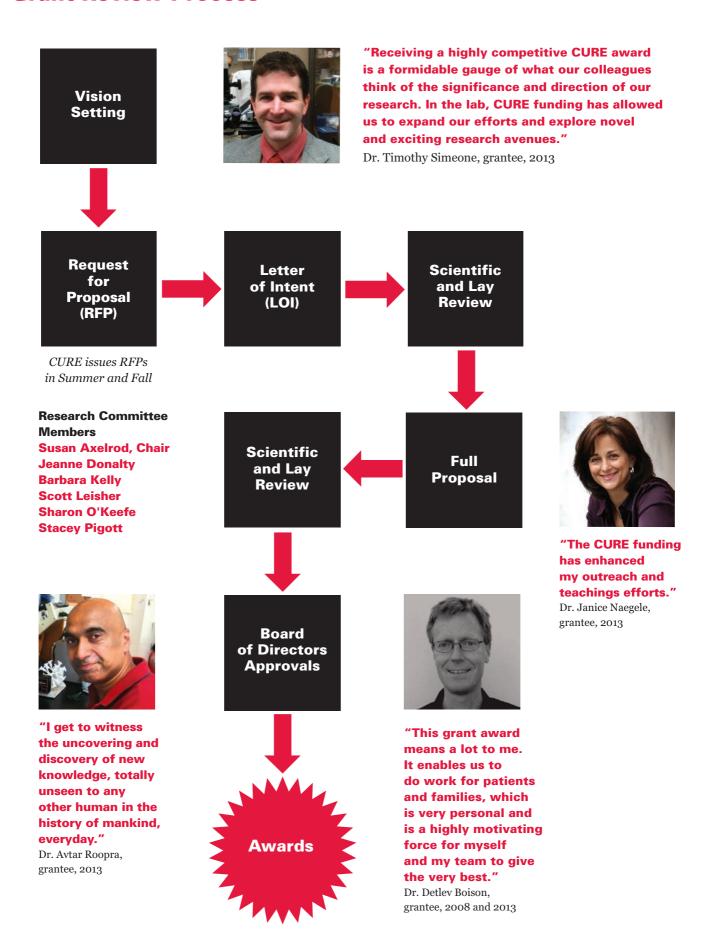
Finding and Funding Cutting-Edge Research

Every grant submitted to CURE goes through a rigorous scientific review process. Each application is evaluated on the basis of scientific merit, relevance to CURE's mission, innovation, feasibility, and likelihood to be transformative. CURE seeks to identify research aimed at curing epilepsy and lay reviewers bring a key perspective and sense of urgency to the CURE grant review process. The end result is that CURE funds the best possible science and funds researchers at all levels in their careers and from many different arenas. The CURE Lay Review Council (LRC) consists of people with epilepsy, or the loved ones of people with epilepsy, who have a special interest in understanding epilepsy research. Members of the LRC participate in CURE's grant review process and read research proposals from a lay perspective so that the stakeholder point of view is critically represented at all stages. Lay review is one of the most important aspects of CURE's unique grant review pipeline. By involving individuals who are personally affected by epilepsy in grant review, CURE keeps the patient at the heart of all the research it funds.





Grant Review Process



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CURE Research Awards

Challenge Awards

Multiple-year grants (2-3 years), with a maximum of \$250,000, for established or early career investigators exploring cutting-edge approaches to curing epilepsy

JULIE'S HOPE AWARD

John Huguenard, PhD and Jeanne Paz, PhD

Stanford University

"Closed-loop control of injury-induced and genetic seizures using temporally precise cell-type-specific optogenetic manipulation"

This work expands an exciting approach that delivers light to the brain to control the activity of specific cell types. Shining light on certain cells can specifically block seizures without affecting normal brain activities. The researchers plan to develop novel tools to determine causal links between the activity of specific cell types and what seizure types they regulate.

Janice Naegele, PhD

Wesleyan University

"GABAergic Interneuron Transplantation for Circuit Repair and Seizure Suppression in Temporal Lobe Epilepsy"

Investigations in mice with acquired temporal lobe epilepsy will examine whether transplants of a major inhibitory cell in the brain can suppress seizures by repairing dysfunctional neural circuits. Following transplantation, the researchers will study whether the transplanted cells suppress spontaneous seizures.

Prevention of Acquired Epilepsies Awards

Multiple-year grants (up to 3 years) to a maximum of \$250,000 in support of research relevant to the prevention and treatment of acquired (post-insult) epilepsies

BRIGHTER FUTURE AWARD

Detley Boison, PhD

Legacy Emanuel Hospital and Health Center "Prevention of Acquired Epilepsy Through an Epigenetic Intervention"

New findings suggest that chemical changes introduced into the DNA of brain cells play a fundamental role in supporting those processes that lead to the development of epilepsy. This grant is based on the discovery that adenosine, a natural anticonvulsant in the brain, reduces these chemical changes to DNA, and thereby has the potential to reverse DNA modifications in the epileptic brain. Dr. Boison seeks to establish a new treatment paradigm to make therapeutic use of a transient dose of adenosine with the goal to prevent the development of epilepsy long-term.

Shelley Russek, PhD & Amy Brooks-Kayal, MD

Boston University & University of Colorado Denver School of Medicine

"Development of Novel JAK/STAT Inhibitors for Disease Modification in Epilepsy"

Dr. Russek and Dr. Brooks-Kayal have found that an important cellular signaling pathway is activated after brain injuries that lead to epilepsy, and that inhibiting this activation reduces subsequent seizure frequency in an animal model. The proposed studies will examine novel inhibitors of this pathway with the ultimate goal of identifying those that are most efficacious in reducing or preventing seizures and/or cognitive co-morbidities in an animal model of acquired epilepsy.

CURE Research Awards

Raimondo D'Ambrosio, PhD

University of Washington "Prevention of Posttraumatic Epilepsy with FDA-Approved Anti-Inflammatory Drugs"

The mechanisms that lead to the onset of epilepsy after head injury in humans are not known, but mounting evidence points to inflammation as a major contributor. There are numerous FDA-approved anti-inflammatory drugs which target a wide range of inflammatory mechanisms that, alone or in combination, could be antiepileptogenic. These drugs are safe and have been approved for various conditions, and could quickly enter clinical trials for the prevention of posttraumatic epilepsy, but no data are yet available to determine whether they are antiepileptogenic after head injury.

Sudden Unexpected Death in Epilepsy (SUDEP) Awards

One-year grants up to \$100,000 in support of innovative studies that will provide new directions for SUDEP research

2013 CHRISTOPHER DONALTY AND KYLE COGGINS MEMORIAL

Gordon Buchanan, MD, PhD

Yale University

"Role of Vigilance State and Circadian Phase in Seizure-Related Death"

Sudden unexpected death in epilepsy (SUDEP) most commonly occurs at night, but why this happens is unknown. Dr. Buchanan and colleagues hypothesize that this may be due to sleep state-dependent and/or circadian (time-of-day) variation in the respiratory and cardiac consequences of seizures. They will employ a genetic mouse model to evaluate the effects of seizures which occur during different sleep-wake states and circadian times on breathing, heart control, and mortality.

TEAM S4 AWARD

David Paterson, PhD

Boston Children's Hospital

"Searching for Common Gene Variants in Sudden Death in Childhood with Febrile Seizures, SIDS and SUDEP"

Sudden unexpected death in childhood associated with febrile seizures (SUDC-FS) is the sudden unexpected death of a child that has a personal and family history of fever-related (febrile) seizures. These children have many features in common with individuals dying of SUDEP and sudden infant death syndrome (SIDS), including sleep-related death and discovery in the prone position. Genetic analysis of these families, as proposed in this study, provides an excellent opportunity to identify the genes responsible for SUDC-FS and therefore also SUDEP and SIDS.

Else Tolner, PhD and Arn van den Maagdenberg, PhD

Leiden University Medical Center (LUMC), the Netherlands

"Excessive Neuronal Inhibition Changes Physiological Functions and Increases SUDEP Risk"

The research will test the hypothesis that suppression of brain activity after a seizure reflects increased neuronal inhibition and is linked to fatal outcome. They will use mouse models carrying human pathogenic gene mutations that exhibit various neurological disease features including fatal seizures. By experimentally modulating the imbalance between excitatory and inhibitory neuronal activity, they expect to aggravate or ameliorate SUDEP in the mice. Thus they hope to provide a mechanistic understanding of SUDEP pathophysiology and development of diagnostic tools for identifying susceptible individuals.

Pediatric Epilepsies Awards

Two-year grants up to \$250,000 in support of research projects of relevance to the numerous debilitating and difficult to treat pediatric epilepsies

THE ROCK THE BLOCK FOR PEDIATRIC EPILEPSY RESEARCH AWARD

Edward Cooper, MD, PhD

Baylor College of Medicine

"Targeted molecular therapy for KCNQ2-associated severe pediatric epilepsy"

Potassium channels are part of the brain's molecular machinery for electrical signaling. Mutations in the potassium channel gene KCNQ2 cause forms of epilepsy that begin within days after birth. The severity of KCNQ2-associated epilepsy varies from very mild to severe. They will develop methods for augmenting KCNQ2 activity in individuals bearing severe disease-causing mutations, using a combination of cell-based approaches and animal models.

THE VOGELSTEIN PEDIATRIC EPILEPSY AWARD

Timothy Simeone, PhD

Creighton University

"The Critical Role of PPARgamma in Ketogenic Diet Efficacy"

Elucidating the critical mediator(s) of ketogenic diet (KD) efficacy will further understanding of the basic mechanisms of epilepsy and open new avenues of drug discovery. To this end, recent findings implicate a regulator of gene expression called PPARgamma as a mediator of KD anti-seizure efficacy. The proposed studies will test investigational drugs, determine relevant functional mechanisms and explore possible strategies of reducing the stringency of the KD.

Innovator Awards

One-year grants up to \$50,000 in support of the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to epilepsy

THE ROCK THE BLOCK FOR PEDIATRIC EPILEPSY RESEARCH AWARD

J. Marie Hardwick, PhD

Johns Hopkins University
"Autophagy defect in epilepsy"

Using yeast genetics as a tool to find new regulators of cell death, they identified an uncharacterized yeast gene with homology to a human gene mutated in children with a form of intractable epilepsy.

By generating an animal model of this new epilepsy syndrome, researchers seek to translate this unique information from yeast to explain a new cause of epilepsy and to provide a model for testing new therapies.

Christophe Heinrich, PhD and Antoine Depaulis, PhD

Grenoble Institute of Neuroscience, INSERM "Conversion of reactive glia into neurons in Mesial Temporal Lobe Epilepsy: a new way to generate GABAergic interneurons and reduce seizure activity?"

Mesio-Temporal Lobe Epilepsy (MTLE), the most common form of intractable epilepsy, is associated with loss of inhibitory neurons and proliferation of glial cells, both of which have been suggested to play a critical role in epilepsy development. Therefore, a procedure to reverse these changes represents an innovative strategy to reduce seizures. If successful, this approach could prevent epilepsy development and/or attenuate seizures in the chronic phase of the disease.

Bruce Hermann, PhD

University of Wisconsin, Madison

Matti Sillanpaa, MD, PhD

University of Turku, Finland

"Brain Aging in Persons with Childhood Onset Epilepsy: A Population Based Investigation"

The purpose of this project is to characterize patterns of cognitive and brain aging in persons with childhood onset epilepsy. This issue is addressed in a unique population-based cohort from Finland consisting of healthy individuals and persons with childhood onset epilepsies followed since childhood/adolescence, now 45-62 years old. For this project the cohort is returning for assessment of memory and other cognitive abilities, sophisticated neuroimaging to examine brain structure and function, EEG, and detailed interview. The results will provide unprecedented insights into the very long term cognitive and brain health of persons with childhood epilepsies.

Thomas McCown, PhD

University of North Carolina, Chapel Hill
"An Essential Element for Novel, Astrocyte Focused
Epilepsy Therapies: the Creation of a Chimeric, Astrocyte
Selective Adeno-associated Virus Vector"

Seizures impair the function of several types of cells in the brain. Specifically, impairment of the astrocyte cells leads to an environment that favors further seizure activity. To date, no means exist to efficiently express genes in astrocytes that could restore normal cellular function. If successful, this project has far reaching implications for epilepsy therapy. With an established astrocyte selective therapy, the potential exists to reverse the pro-seizure environment and subsequently prevent seizure activity.

Taking Flight Awards

One-year grants up to \$100,000 to help promote the careers of young investigators and support them as they develop an independent research focus

Nigel Jones, PhD

University of Melbourne

"DNA methylation in epilepsy"

In cases of acquired epilepsy, such as those resulting from head injury, the levels of many different proteins within the brain change dramatically. This experimental research will investigate an overarching molecular mechanism which mediates these wide-spread changes in protein expression following brain injury, and will determine whether blocking this mechanism can prevent the negative impact these protein changes exert on the brain. It is hoped that by providing a pharmacological intervention immediately following head injury in patients, they can prevent the changes in protein expression within the brain from occurring, and ultimately stop the development of the epilepsy following the injury.

Yevgeny Berdichevsky, PhD

Lehigh University

"IGF-1 signaling in posttraumatic epileptogenesis"

Traumatic brain injury activates complex molecular signals in surviving neurons. Some of these signals are thought to cause posttraumatic epilepsy. This project relies on high-throughput bioengineering methods to identify the precise roles that these signaling molecules play in the development of epilepsy. The goal is to find a combination of signaling pathways that could be inhibited for complete prevention of epilepsy with minimal side effects.

John Wolf, PhD

University of Pennsylvania "Network and Axonal Mechanisms Underlying the Transition to Post-Traumatic Epilepsy Following Repetitive Mild Traumatic Brain Injury (Concussion)"

There is an increased risk of epilepsy onset following a mild traumatic brain injury (concussion). However, the mechanisms underlying this process are unknown. They are therefore evaluating circuitry changes over time after injury and are testing a promising intervention that blocks inflammatory processes contributing to circuit dysfunction in the hippocampus. Establishing a mechanistic link between repetitive concussions and epilepsy would be a powerful way to reduce the number of new epilepsy cases.

Hiroki Taniguchi, PhD

Max Planck Florida "Towards a chandelier cell-based cure for epilepsy"

Development of novel strategies to safely cure epilepsy is urgent for both clinical and basic neuroscientists. Chandelier cells are the most powerful inhibitory neurons, and they can be useful for a cell transplantation therapy to reduce seizures. First, they will test if transplantation of chandelier cells into an animal model of epilepsy can reverse the seizure phenotype. Second, they will identify genetic programs that specifically lead to the development of chandelier cells.

2013 Donors

CURE thanks the following individuals, organizations and corporations that generously supported our mission during this fiscal year.

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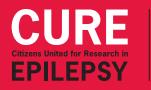
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Outreach Coordinator

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430 West Erie Street Suite 210 Chicago, Illinois 60654 312.255.1801 www.CUREepilepsy.org