

ANNUAL REPORT 2016







MISSION

The mission of the Hydrocephalus Association is to promote a cure for hydrocephalus and improve the lives of those affected by the condition.

We will accomplish this by collaborating with patients, caregivers, researchers and industries, raising awareness and funding innovative, high-impact research to prevent, treat and ultimately cure hydrocephalus.

LETTER FROM OUR CHAIRMAN AND PRESIDENT & CEO





Here at the Hydrocephalus Association, our mission is to improve lives and find a cure for hydrocephalus. We are more optimistic than ever that our research, support, education and advocacy efforts are leading our community closer towards fulfilling our mission.

As we reflect upon 2016, there is much to celebrate. We feel intense pride around the successes of the Hydrocephalus Clinical Research Network (HCRN), Adult Hydrocephalus Clinical Research Network (AHCRN) and Hydrocephalus Association Network for Discovery Science (HANDS). Through these three networks, we continue to drive forward important basic, clinical and translational research innovations. HA funded three new Innovator awards in 2016, making our cumulative research investment \$6 million. Each new breakthrough in research helps improve lives and paves the path towards a cure.

Improving the lives of those impacted by this condition remains a primary focus for us. We continue to grow our community networks across the country, provide expert educational resources, and host local education events in partnership with hospitals and members of our Medical Advisory Board. Our strong commitment to all those navigating the journey of hydrocephalus is evidenced through our support of life-saving research programs, our patient advocacy initiatives, and in each personal phone conversation offering reassurance to individuals and families.

Among our support and outreach programs, the biennial National Conference on Hydrocephalus in Minneapolis was the most successful in its 28-year history. With a 40% increase in onsite attendance and live streaming of sessions for the first time, we achieved our highest attendance ever. More families, patients and caregivers were able to benefit from the knowledge shared at the conference due to live streaming.

From a growth perspective, HA launched a three-year, \$3-million campaign to tackle the challenge of posthemorrhagic hydrocephalus (PHH), the most common and insidious cause of hydrocephalus in children. In its fourth year, the Vision Dinner, sponsored by the Brown family, continued to provide an important platform to both raise awareness about

hydrocephalus research and serve as an inspiration to fulfill the resources needed to take on this critical research problem. Because of the generosity of our donors, the PHH campaign exceeded \$1.6 million by year-end.

While we are tremendously proud of the accomplishments of 2016, there is still much to do. In 2017, we have begun addressing the systemic challenges of transitioning our youth into the vastly different world of adult care. We are broadening our support program through the launch of HydrocephalusCONNECT, an individualized peer mentor program, and expanding the breadth of our education events to include more cities across the U.S. We are embarking upon an aggressive awareness campaign to bring hydrocephalus out of the shadows and into the light. We will continue to represent patient voices by advocating for legislation that addresses the needs of individuals living with hydrocephalus. Further, we remain steadfast in our commitment to advocate for increased research dollars for hydrocephalus.

In 2017, we have already witnessed the fruits of our labor with one scientist who presented at our 2016 PHH Research Workshop receiving \$1.7 million from NIH using the preliminary data from one of our Innovator awardees, and two HA-funded scientists receiving \$2.4 million from the Department of Defense Peer Reviewed Medical Research Program. Without a formal advocacy program and passionate HA advocates working to get hydrocephalus added to the list of eligible conditions, this critical science would not have been funded. Finally, we are driving forward to launch our patient-powered registry, which will provide information about many aspects of the course of living with hydrocephalus and will serve as an invaluable resource to scientists.

The Hydrocephalus Association exists through the compassion and kindness of individual, corporate and foundation donors. We are tremendously grateful for your support that funds 100% of our work. Our success was made possible solely through your commitment to our mission to improve lives and find a cure for hydrocephalus.

Sincerely,

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Aseem Chandra Chair, Board of Directors

President & Chief Executive Officer



SUPPORT AND EDUCATION IMPROVING THE LIVES OF THOSE AFFECTED BY HYDROCEPHALUS

To say that living with hydrocephalus is challenging would be a gross understatement. The fear and anxiety brought about by the daily uncertainty is arguably worse than the physical symptoms. While the hydrocephalus patient has to experience the physical discomfort, their entire family joins them in enduring the mental anguish of constantly anticipating the next brain surgery.

"From my own personal experience, I recognize the power that true empathy can provide when someone is in their greatest time of need ..."

- Brittany Faitao, 2016 HA Scholarship Recipient

The Hydrocephalus Association was founded to provide emotional support and tangible education during a time of need. HA has experienced unprecedented growth over the past few years, and is committed to providing support and education to our growing base of constituents. In 2016, we launched HydrocephalusCONNECT, a peer support program which consists of trained volunteers who are matched with individuals requesting support from someone with similar life circumstances. Our staff also continue to provide phone and email support. In 2016, we experienced a 31% increase in attendance at community network events and a 57% increase in constituent support service requests.





TOTAL SUPPORT TOUCHES

AWARENESS MAKE WAVES FOR HYDROCEPHALUS

How do you make waves for hydrocephalus? During

Hydrocephalus Awareness Month, our #MakeWaves campaign took social media by storm. Individuals across the country posted videos of themselves making the form of a wave with their body, through dance, in sign language, and in other artistic ways. The 7-week campaign achieved over 2.7 million impressions on social media and engaged over 38K members of our community.

Through social engagement campaigns like #MakeWaves, we continue to grow our social media presence at about 20% each year. We have also seen substantial growth in our website traffic. We had a 73% increase in overall visitors to the website in 2016, with 78% of those individuals being new visitors. These digital platforms allow us to extend our support services and help individuals within our community connect with each other as well as with our substantial set of support resources and videos available for free on our website and YouTube channel.

CONNECT JOIN OUR COMMUNITY NETWORK



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#MakeWaves

SOMEONE WITH HYDROCEPHALUS





I LIVE MY LIFE UNDER CONSTANT **PRESSURE AND RISE** TO EVERY CHALLENGE.





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App Info



Launched in 2016, **HydroAssist**[™] is the first mobile app that allows you to record and store your hydrocephalus treatment history and access it when you need it from your mobile device. Perfect for the individual living with hydrocephalus and the caregiver, alike. Currently 2,700 patients across the U.S. are using HydroAssist.

Google play



14TH NATIONAL CONFERENCE ON HYDROCEPHALUS

MINNEAPOLIS, MN JUNE 16-19, 2016

The biennial National Conference on Hydrocephalus is a cornerstone of HA's commitment to serving our community. The goal of this conference is to provide resources and tools for navigating the medical, educational and social challenges of living with hydrocephalus. The conference is also an opportunity to connect with people throughout the community, including medical professionals, representatives of health industry corporations, parents, children, people living with hydrocephalus and those affected by the condition.

"Since my daughter has had 77 operations, I was totally shocked at how much new information I learned, and it specifically applies to her. [I] was so happy about the knowledge I gained."

-2016 HA National Conference Attendee

For the 2016 HA National Conference, the HA Board of Directors and staff made a commitment to increase participation by adult patients and their family members. This goal was achieved by introducing live streaming for the very first time in the 28-year history of the conference. The onsite attendance of 462 people represented an increase of 40% over the previous conference, but the live-streaming capability brought the total attendance to 1,119, an increase of 239%.



"Sharing information and experiences is a valuable way to help others cope with the various issues associated with hydrocephalus. It is so important for people to know that they are not alone in their struggle, and that there are others who care and can offer advice and assistance."

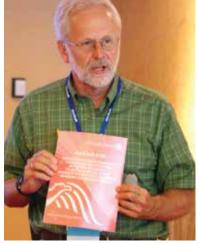
-Michael Wroblewski, 2016 HA Scholarship Recipient

1200 PEOPLE IN ATTENDENCE













LIVE-STREAMED CONFERENCE SESSIONS







MORE THAN 70 SPEAKERS PRESENTING IN 95 SESSIONS





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RESEARCH UPDATE

SEEING DIVIDENDS: SUCCESS OF THE HA RESEARCH PORTFOLIO

Since 2009, HA has worked to develop a comprehensive research program that encompasses basic, translational and clinical research. In 2016, the **Hydrocephalus Clinical Research Network (HCRN)** published exciting work that will help neurosurgeons understand and develop better ways to treat and decrease the incidence of shunt infections. In addition, the HCRN published a comprehensive study on endoscopic third ventriculostomy (ETV) success and failure rates. The **Adult Hydrocephalus Research Network** (AHCRN) continued its work building a robust natural history database for all adult hydrocephalus patients, which it plans to expand next year.

The **HA Network for Discovery Science** (HANDS) now has over 100 members and held a groundbreaking workshop focused on posthemorrhagic hydrocephalus, the leading cause of pediatric hydrocephalus in the United States. Dr. Shenandoah Robinson, a pediatric neurosurgeon from Johns Hopkins University, wrote, "By getting such a variety of people together with diverse expertise in a contained environment, this workshop in two days likely advanced the science towards transforming the field more than anything else in the past 20 years."

We are also seeing the success of past HA grantees. This year, two research groups were awarded grants through the Department of Defense (DoD) Congressionally Directed Medical Research Program (CDMRP) to continue their HA-funded projects. Combined, these awards will total over \$2.4 million after an initial investment of only \$160 thousand from HA. HA is excited for the continued success of our grantees and was able to award three more grants this year.

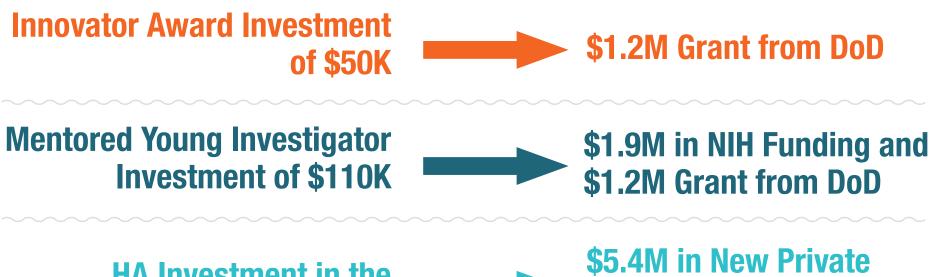
6 MILLION DOLLARS INVESTED IN OUR RESEARCH PROGRAMS

20 RESEARCH PROJECTS FUNDED

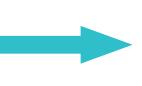
2 CLINICAL RESEARCH NETWORKS SUPPORTED

BASIC SCIENCE NETWORK SUPPORTED

Research that is changing the landscape of Hydrocephalus.



HA Investment in the HCRN of \$1.2M



\$5.4M in New Private and Federal Grants to HCRN Investigators

Meet the 2016 Innovator Award Recipients: \$150K in Awarded Grants



Kristopher Kahle, MD, PhD Assistant Professor Yale School of Medicine

Goal: Prevent ventricle enlargement after a brain bleed



Shenandoah Robinson, MD Professor of Neurosurgery Johns Hopkins University

Goal: Enhance natural repair processes after a brain bleed



Jennifer Strahle, MD Assistant Professor Washington University

Goal: Prevent cell damage after a brain bleed

Funded by Team Hydro

2016 VISION DINNER A TIME FOR AWARENESS. THE HOPE OF A CURE.

Guests to the annual Hydrocephalus Association Vision Dinner, held at the Mandarin Oriental Hotel on October 14, 2016, were treated to a view of the New York City skyline with the sun setting over Central Park. The Vision Dinner was launched in October 2013 to raise awareness about hydrocephalus and help find a cure. The event brings together existing and prospective members of the hydrocephalus community – patients and their families, clinicians, researchers, scientists, philanthropists, business leaders and advocates – to share information, spotlight progress and chart a course for the future.

The 2016 event unveiled a three-year, \$3-million initiative to fund research on posthemorrhagic hydrocephalus (PHH), the most prevalent form of pediatric hydrocephalus in the United States. Children with PHH are an extremely vulnerable population, composed primarily of premature infants likely to suffer from intellectual disabilities, epilepsy and cerebral palsy, among other co-morbidities. High shunt complication and infection rates are especially common with PHH, as compared to some other forms of hydrocephalus. But there is hope.

Dr. David Limbrick, a promising researcher and Chief of Pediatric Neurosurgery at St. Louis Children's Hospital, served as the keynote speaker and shared his innovative work on PHH. Dr. Limbrick's research is aimed at discovering biomarkers that identify these infants. Biomarkers will help doctors assess a patient's risk of developing hydrocephalus early on, allowing them to quickly start a proper treatment plan. Furthermore, Dr. Limbrick's research indicates that certain biomarkers can predict a patient's long-term outcome. This would allow parents and doctors to begin appropriate therapies sooner, thus reducing the impact of cognitive impairments throughout a patient's lifetime. Preventive interventions may also arise from this research, leading to a decrease in the development of hydrocephalus for those at an increased risk.



The Hydrocephalus Association would like to thank Craig and Vicki Brown for their leadership and generosity in hosting this extraordinary evening to raise the profile of hydrocephalus and the important work of the Hydrocephalus Association for our entire community.

For more information on how you can support HA's new PHH initiative, please email hope@hydroassoc.org.



Launch of a \$3 million, 3-year Capital Campaign to prevent posthemorrhagic hydrocephalus.















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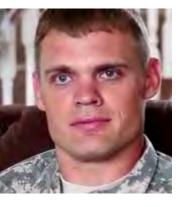
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YEARS

CAPITAL CAMPAIGN TO FUND RESEARCH ON PHH

WWW.HYDROASSOC.ORG/CUREPHH

OUR VISION DINNER HONOREES





U.S. Army Sgt. James Spence (ret) is an Iraq war veteran who suffered a traumatic brain injury while in service, forcing him to retire. Sgt. Spence was misdiagnosed twice before doctors discovered that he had hydrocephalus. Sgt. Spence's experience moved him to vow to help raise awareness and understanding of hydrocephalus. It is through his willingness to advocate for greater research on hydrocephalus that the Department of Defense included the condition as eligible for Congressionally Directed Medical Research Program funding, a historical first for the hydrocephalus community.

LEADERSHIP AWARD RECIPIENT

Dr. Michael A. Williams is an internationally recognized expert in the field of adult hydrocephalus. He is actively involved in patient advocacy with the Hydrocephalus Association and joined the Board of Directors in 2014. He is a member of the scientific advisory panel of the Intracranial Hypertension Research Foundation and is a founding member of the Adult Hydrocephalus Clinical Research Network. Dr. Williams is a professor of neurology and Neurological Surgery at the University of Washington School of Medicine. His practice focuses on adult and transitional hydrocephalus and CSF Disorders.

INSPIRATION AWARD RECIPIENT



Olivia Maccoux suffered a brain hemorrhage (PHH) at birth and had her first shunt placed at 9 months of age. She has endured over 120 surgeries in her 20 years. Despite this, Olivia played four sports in high school, was named Athlete of the Year and graduated on time with honors in 2014. She is now pursing her B.A. at Augsburg College in Minneapolis, where she has been on the dean's list each semester. She is studying communications and ultimately hopes to work for a health care nonprofit like HA. Olivia was recently featured on People.com for her heroic journey and fighting spirit.

VISION DINNER PARTNERS IN RESEARCH

FOUNDING PARTNERS \$500,000 and above

Craig and Vicki Brown

Team Hydro / Kate Finlayson Fund for Hydrocephalus Research

> PARTNERS \$100,000 and above

Randy and Jan Kell Merrill Lynch

BENEFACTORS \$50,000 and above

Davis & Gilbert LLP Roy and Merilee Bostock

PATRONS \$20,000 and above

Mike and Laura Baur John and Elizabeth Devlin Richard H. Goldman Foundation Greenville Health System Bill Janetschek Morgan Stanley Paul H. Gross and Lori Poliski Joe and Mary Lou Quinlan Byrnam Wood, LLC

ADVOCACY IN ACTION

HA is the leading voice for individuals living with hydrocephalus, engaging on a national level to assure that the federal government and Congress are aware of the needs of our community. Thanks to the members of the Hydrocephalus Action Network (HAN), we have been front and center with key decision-makers to assure hydrocephalus receives the attention and funding it deserves. We have seen our efforts pay off, opening doors to research funding opportunities that move us closer to finding preventions and a cure for hydrocephalus.

This year, we saw unprecedented recognition of hydrocephalus on Capitol Hill. Advocates from across the country joined HA staff to carry our stories and messages to members of Congress at Rare Disease Day in February, and at the Rally for Medical Research in September. We advocated for increased funding for the National Institutes of Health (NIH) and for the protections afforded our community under the Affordable Care Act (ACA). In March, we co-hosted a legislative briefing for members of the Congressional Pediatric and Adult Hydrocephalus Caucus with the Pediatric Hydrocephalus Foundation. The topic was the need for a national registry to track the incidence of hydrocephalus in the U.S. via a bill sponsored by Congressman Chris Smith (R-NJ).

We also worked with key allies on Capitol Hill to ensure that hydrocephalus remains on the list of eligible conditions to receive funding under the Congressionally Directed Medical Research Programs (CDMRP) administered by the Department of Defense (DoD). The CDMRP has appropriations of over \$247 million, which are used to fund the best scientific and medical research aimed at preventing, controlling and curing disease. In addition, we nominated five individuals from the hydrocephalus community to serve as consumer reviewers of research grants, representing the patient and caregiver perspectives on the impact of the research on issues such as disease prevention, screening, diagnosis, treatment and quality of life after treatment. We now have seven peer reviewers representing our cause.











FOR THE HYDROCEPHALUS COMMUNITY.

HA is the voice for the hydrocephalus community, promoting awareness and ensuring hydrocephalus is a national health care priority.

"Robust support for the National Institutes of Health (NIH) is critical for moving early-stage research forward into clinical trial, so that our loved ones have alternative treatment options, and ultimately, cures for the various causes and forms of hydrocephalus."

- Amanda Garzon, HA Director of Communications, Rally for Medical Research participant, and mother to a 16-year-old daughter with hydrocephalus

WALKS AND SPECIAL EVENTS

The 2016 WALK to End Hydrocephalus[™] was HA's most successful yet. Almost 15,000 participants, representing 991 teams, participated in 39 WALKS held in 28 states across the U.S. WALKS were held in cities large and small, ranging from Chattanooga and Louisville to Los Angeles, Chicago and Boston. The inaugural New York City WALK was held in August 2016, as were new events in northwest Arkansas, eastern North Carolina, western Pennsylvania and central Florida. The WALK to End Hydrocephalus, entirely volunteer-initiated and volunteer-coordinated, raised \$1.7 million to provide resources required by HA to fulfill its mission – 40% of HA's annual revenue.

Another \$100,000 was raised by volunteer-led fundraising events across the U.S., including *Make Waves for Hydrocephalus* ™ do-it-yourself fundraising events, the 19th annual *Thanks for Running* and **Team Hydro** open water swims.

Make Waves for Hydrocephalus was officially launched in June 2016 as an opportunity for people to conduct their own fundraising events in support of HA and its mission. These events include Celebrations (donations to HA in lieu of gifts for birthdays, anniversaries, etc.), Personal Challenges (participation in marathons, Iron Man/Woman competitions, etc.) and Create Your Own (limited only by an individual's imagination).



2016 WALK to End Hydrocephalus Locations



"Serving as a volunteer Chair for the WALK to End Hydrocephalus has been a very empowering experience. It has provided an opportunity to fight back against this condition. I may not be able to don a lab coat and personally conduct research, but I can help provide the resources for HA to fulfill its mission."

- Melissa Kopolow McCall, National Capital WALK Chair

14,872 WALKERS ACROSS THE U.S.









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Unite in raising \$1.7 million to provide the resources required for HA to fulfill its mission.



39 WALKS

88 LOCAL VOLUNTEER WALK LEADERS

ALL MAKE A DIFFERENCE

BY HELPING TO FUND SUPPORT SERVICES, EDUCATION RESEARCH AND ADVOCACY.





















AUDITED FINANCIAL STATEMENT FOR THE YEAR 2016

Statement of Financial Position through December 31, 2016

ASSETS

CURRENT ASSETS:	
Cash and cash equivalents	\$2,591,551
Investments	219,074
Receivables:	
Pledges receivable	326,600
Grants receivable	103,100
Other receivables	41,728
Prepaid expenses	108,728
Inventory	16,978
TOTAL CURRENT ASSETS	\$3,407,759
Investments	\$91,118
Property and equipment, net	56,755
Pledge receivables,	
loss current partian not	510 500
less current portion, net	518,592
Deposits	8,344

LIABILITES AND NET ASSETS

CURRENT LIABILITIES:

TOTAL NET ASSETS	\$3,645,570
Permanently restricted net assets	91,118
Temporarily restricted net assets	2,192,105
NET ASSETS: Unrestricted net assets	1,362,347
TOTAL LIABILITIES	\$436,998
Capital lease payable, less current portion	6,770
Note payable, less current portion	38,238
Accrued rent expense	31,088
LONG TERM LIABILITIES:	
TOTAL CURRENT LIABILITIES	\$360,902
Capital lease payable	1,989
Accounts payable and accrued expenses Note payable	\$338,963 19,950

Complete audited financial statements are available online.

STATEMENT OF ACTIVITIES

For the Year ended December 31, 2016

SUPPORT AND REVENUE

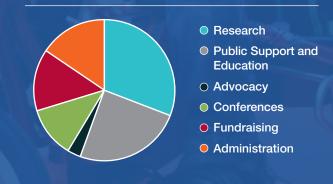
TOTAL SUPPORT AND REVENUE	4.695.309
Other Income	248,343
Net investment gain (loss)	(318)
Interest and dividends	6,143
Conference Fees	53,443
Contract Revenue	56,787
Sale of books, publications and other items	12,105
Fundraising (net of expenses of \$251,410)	1,477,945
Unrestricted contributions	496,341
Restricted grants and donations	\$2,344,520

EXPENSES

NET ASSETS AT END OF PERIOD	\$3,645,570
Net assets at beginning of period Restatement	2,948,165 (17,244)
Change in net assets	714,649
TOTAL EXPENSES	\$3,980,660
TOTAL FUNDRAISING AND ADMINSTRATION	1,174,776
Administration	611,779
TOTAL PROGRAM EXPENSES	2,805,884 562,997
	466,305
Advocacy Conferences	121,452
Public support and education	983,615
Research	1,234,512



Expense Allocation



Complete audited financial statements are available online.

ways to GIVE

The Hydrocephalus Association (HA) is dedicated to helping families and individuals whose lives have been touched by hydrocephalus as well as the professionals who are dedicated to creating a bright future through medical excellence and research. Take action and join HA in eliminating the challenges that face our community!

DONATE BY MAIL

Please send your gift to Hydrocephalus Association Development Office 4340 East-West Highway, #905 Bethesda, MD 20814-4447

DONATE BY PHONE

Please contact the Development Office at 888-598-3789.

DONATE ONLINE

Go to hydroassoc.org and click on Make a Donation.

DONATION

Every dollar counts in the fight against hydrocephalus! Your donation funds programs that support our mission to eliminate this condition and to provide services to families affected by hydrocephalus. You may make a one-time donation or set up a recurring gift to help further our work.

Tribute

If you would like to celebrate a special occasion or offer your condolences on the passing of a loved one, consider making a tribute gift. You will have an opportunity to provide us with information for a card informing someone special of your thoughtfulness.

ESTATE PLANNING

By considering HA in your estate plans, you help to ensure the growth of the organization's programs for generations to come. All donors who place a gift to HA in their wills, trusts or estate plans become members of the Fudge Solomon Legacy Society. To learn more, email giftplanning@ hydroassoc.org.

GIFT OF STOCK

Donating a gift of stock is a great way to support the organization. You may execute the transaction through your broker with the following electronic transfer information:

Broker: UBS Financial Services DTC #: 0221 Account Name: Hydrocephalus Assoc Account #: FG 03759 Our Tax ID: 94-3000301

Please email aisha@hydroassoc.org once the transfer has been made.

DONATE YOUR CAR

Convert your car, truck, or RV into a tax deductable donation benefiting HA. Visit www.v-dac.com and search Hydrocephalus Association.

DONORS

\$500,000 OR MORE

The Brown Family Foundation

\$100,000 - \$499,999

Anonymous

Theodore W. Batterman Family Foundation, Inc.

Paul and Debbi Brainerd

Craig and Vicki Brown

Melinda S. Parker Revocable Trust

Kenneth and Carrie Weaver

\$50,000 - \$99,999 Hugh and Nancy Devlin Jan and Randy Kell

\$25,000 - \$49,999

Aesculap USA The Alpern Family Foundation Codman Neuro, DePuy Synthes Companies of Johnson & Johnson Cliff and Amy Goldman

Adam Goodman

Ines Kingsley

Medtronic

Steve and Laurel Preston

Rudi Schulte Research Institute

\$10,000 - \$24,999

Adobe Foundation Adobe Systems Incorporated The Ahn Family Foundation John and Kay Bachmann Michael and Laura Baur Aseem and Amita Chandra Shilpi Chandra and Anshu Goval Davis & Gilbert LLP John and Elizabeth Devlin Kathy Farmer Gold Coast Beverage Distributors, LLC Richard H. Goldman Memorial Foundation Alice "Lisa" Hunt The Hydrocephalus Foundation, Inc. Kaiser Permanente Merrill Lynch Morgan Stanley Smith Barney Ray and June Moser The Permanente Medical Group Niki Phillips **Charles Putnam** Rivkin & Rivkin, LLC Leslys Vedder **Rick and Trish Williams** \$5.000 - \$9.999 Anonymous

Leslys Vedder Rick and Trish Williams **\$5,000 - \$9,999** Anonymous Arkis BioSciences Bank of America Christopher and Angela Batterman Rebecca Benson BNY Mellon

Eleonora Botti Carnegie Fabrics, Inc. Center for Integrative Brain Research at Seattle Children's Hospital Children's Hospital Los Angeles Children's National Health System Elevation Reps of the Rockies Elliott Davis, LLC Michelle and Glenn Engelmann Susan Fiorella **GEICO** Philanthropic Foundation Gillette Children's Specialty Healthcare Andrew and Alice Gittler Greenville Health System Edith B. Gross Law Office of Timothy J. Harris Andrew Hart Image Outfitters William Janetschek Stephen Keane Teresa Mastrangelo and Eric Bendickson J. Gordon McComb, MD Microsoft Corporation Kevin Samson's Maco Service & Auto Sales, LLC The Northern Trust Company The P&A Family Foundation Portland Firefighters Assoc. Local 43

Marylou and Joe Quinlan Michael Riordan Seattle Children's Hospital SOPHYSA, USA, Inc. Craig Spaulding StateLine Community Foundation Liz Whitney Tippett Foundation United States Tennis Association Tessa van der Willigen \$2,500 - \$4,999 Margaret Abbene Oded Aboodi Anuncia Inc. **Bloomberg Philanthropies** David and Lisa Browdy Frank Busch Joe Chamberlain Children's Memorial Hermann Hospital Victoria Coto Byron DeFoor Fluor Enterprises, Inc. Angelo Fonte Charitable Fund Roger Grinnip Miles Hailey Havelock Incorporated International Monetary Fund Johns Hopkins University Department of Neurology and Neurosurgery Karl Storz Endoscopy-America. Inc.

Larry and Patti Kenyon Heather Kluter John Kobell Marie Krajecki Kroger Paul Lewellen David Limbrick, MD Madison Dearborn Partners. LLC Majestic Realty Co. Sheila Martinez Mischer Neuroscience Institute Peter Nichol Dan and Dorothy Parker Rainmaker Cider, LLC David Rich Barrett O'Connor and Paul Rogers Lewis Rubin Schwartz Charitable Foundation Nikki and Brad Silver The Spoto Family St. Louis Clowns of America. Alley 128 Tom Sweeney Turner Broadcasting System, Inc. University of Southern California Keck School of Medicine Vanderbilt University Medical Center Department of Neurosurgery William Vincent Bernie and Nancy Wendler

\$1,000 - \$2,499

Jennifer Acheson Iris and Nathan Adler Allergan Foundation Allstate Insurance Company American Eagle Outfitters Jonathan Ames Jack Angelo Aqueduct Critical Care, Inc. James Argutto Arizona Lottery Atlanta Sod Company Atlas Medical Inc. Rich and Kelly Axtell Sally Baldus **Robert Beardslee** Joan Beck Samantha Bee Stephen Bell Bell Anderson Insurance Bellco Credit Union The Sandra and Malcolm Berman Brain & Spine Institute at Sinai Hospital John and Sarah Besuegli The Black Oak Grove Carrie Bock Fred Bockmann Bose McKinney & Evans LLP Electra Bradshaw-Graham

Roland Breitenecker

Foundation Nicole Brown John Burgdorfer Linda R. Burk Jeremy Burns Elizabeth Butler Marilyn Butler Michael Byars Byrne Equipment Sales Mark and Jean Caligiuri Canfield Artwork John R. & Dorothy D. Caples Fund **Rich Carlin** Carolina Neurosurgery & Spine Associates Jeff Carter Robert Caruso Cascade Prosthetic and Dafo CCBCC Cedar Rapids Ball Club, Inc. Erik and Lisa Chamberlain Children's Hospitals and Clinics of Minnesota Children's Therapy Team David Chin Conaco, LLC Robert Conway Lou and Betsy Convard Roy Coppedge Elizabeth Corwin Creative Artists Agency Dave's Last Resort and Raw Bar (Charities)

Jean and Scott Bridge

Carlton Deaton Delta Faucet Co. Denver Airport Marriott at Gateway Park Mark Denzler Dots Foods, Inc. Michelle Egertson Howard Finstein Rich Ellenbogen, MD Phyllis Elstein EnergyMark, LLC Lawrence Engel Enterprise Rent-a-Car Company of Los Angeles LLC Epsilon Teresa Ervin **Richard Fade** Imran Fayaz **Filament Advisors** Phyllis Fineman Andrea Fiorella Judy Fischer Ginger Freeberg **Tiffany Garner** Jamie Gentzch Steven Glazer Ricky Goldin Goodman Campbell Brain and Spine Google Inc. Joyce Gregonis Roger M. Grinnip Guardian Energy, LLC Lisa Guerin Vera Guerin

Scott Haberman Hanwha Advanced Materials America Chris and Lori Harder Hawkins Commercial Appliance Services, Inc. **Tony Hernandez** Philip Hickey Carolyn Hill **Thomas Hinkle** Robert Hoak Home Depot Indiana Members Credit Union **JALS** Foundation JEM Consulting, LLC Leslie Johnson Just for J, Inc. Ronald and Sue Kaplan Lynn and John Kestle, MD King Street Capital Management, L.P. Jim and Dorv Kranz L and M Screenprinting John Lawrence and Deborah Phillips Kathy Lee Bryan and Regina Legates Ross Levin Liberty Oilfield Services Jenna Lindenmuth Long Island Neurosurgical Associates Los Angeles Lakers Kendall Lowery LuLaRoe with Danielle Spina

Marv Luther Lloyd Mangnall Peter Marguis Marshall Simonds Middle School Adrian Maziak Stephanie McNama Medstar Health Memorial Healthcare System Meridian Capital Group, LLC David and Laura Miceli Stephen Warren Miles and Marilyn Ross Miles Foundation Mission Senior Living **MOCO Movement** Mountain States Networking/ ConvergenOne Solutions Paul Murphy Nibbi Brothers Construction John Nohr Noltemeyer Capital, LLP James O'Brien James "Pat" O'Conner Dan Ogren Thomas and Carol Ollendorff OlympiaTech Electric Clare O'Neil Elise Orr Jacquelyn Ortner Alan Ostendorp Parc Communities **Britley Parker** Melanie Paul Pediatric Dentistry of Chattanooga

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LEGACY ELIZABETH "E.K." BUTLER

Elizabeth "E.K." Butler supported many causes and organizations that raised awareness of issues important to her. One of those was the Hydrocephalus Association. When her grandson, Richard, 33, was born with hydrocephalus, his mother, Jennifer Henerlau, together with other parents, worked to create a support system for families affected by hydrocephalus. This organization, known as the Hydrocephalus Foundation of Northern California, eventually became the Hydrocephalus Association. E.K. supported those efforts and participated in several fundraising WALK to End Hydrocephalus events with the family. She supported the Hydrocephalus Association through the rest of her 99 years and remembered the organization in her will.



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