

A Thinking Ahead

Support Groups pg. 4

2nd Annual Brain Aneurysm Race for Awareness in Memory of Timothy P. Susco pg. 5

TeamCindy Growing with Each Stroke, Pedal and Stride! pg. 6

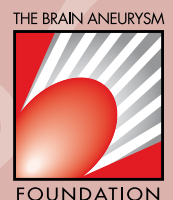
Massive Genetics Study Identifies New Brain Aneurysm Risk Genes pg. 9

Six Month Progress Report on Research Funded by The Brain Aneurysm Foundation pg. 10

Pepsi is giving more than \$20 million in the U.S. to fund ideas pg. 16



A PUBLICATION OF
THE BRAIN ANEURYSM FOUNDATION
Vol. 9 No. 1 Spring 2010



Medical Advisory Board Members

Director of Medical Advisory Board

Christopher S. Ogilvy, MD
Massachusetts General Hospital, Boston, MA

Board of Directors

Sepideh Amin-Hanjani, M.D. F.A.C.S.
University of Illinois at Chicago, Chicago, IL

Daniel Barrow, MD
The Emory Clinic, Atlanta, GA

Bob S. Carter, MD, Ph.D.
UCSD Medical Center, San Diego, CA

David J. Chalif, MD
North Shore University Hospital, Manhasset, NY

Dongwoo John Chang, MD FRCS
Illinois Neurosciences Institute, Rockford, IL

Carlos David, MD
Lahey Clinic, Burlington, MA

Murat Günel, MD FACS
Yale University Medical School, New Haven, CT

Robert Kooken, Ph.D.
Neuropsychological Services, New Zealand

Stephen Lewis, MD FRACS
University of Florida, Gainesville, FL

R. Loch Macdonald, MD, PhD
St. Michael's Hospital, Toronto, ON

Neil A. Martin, MD
Geffen School of Medicine at UCLA, Los Angeles, CA

Thomas Masaryk, MD
The Cleveland Clinic, Cleveland, OH

David Newell, MD
Seattle Neuroscience Institute, Swedish Hospital, Seattle, WA

Eric Nussbaum, MD, FACS
National Brain Aneurysm Center, St. Paul, MN

Christopher Putman, MD
Inova Fairfax Hospital, Fall Church, VA

Peter Rasmussen, MD
Cleveland Clinic, Cleveland, OH

Robert Rosenwasser, MD FACS
Thomas Jefferson University Hospital, Philadelphia, PA

Robert J. Singer, MD
Vanderbilt University Medical Center, Nashville, TN

Gregory J. Zipfel, MD
Washington University, St. Louis, MO

Professor Mario Zuccarello, MD
University of Cincinnati Medical College, Cincinnati, OH

Board of Directors / Staff Directory

Staff Directory

Christine Buckley
Executive Director

Ginny Comstock Tocci
Director of Development and Administration

Executive Committee

Joshua Truitt
President

Greg Wood
Vice President

Paul Games
Treasurer

Deidre Buckley, NP
Secretary

Board Members

Bill Demmer

Joy Fischer

Maureen Farrington

Amanda Kennedy

Joe Rooney

Elaine Schaller

David Wang

The Brain Aneurysm Foundation (BAF) does not promote, endorse, or recommend any treatment that may be contained in this publication. The BAF recommends that you discuss all medical questions with your physician. The statements and opinions in this publication are not necessarily those of The BAF. The BAF does not endorse products, services, or manufacturers, nor does it assume liability for any product or service mentioned.

The Brain Aneurysm Foundation, Inc.
269 Hanover Street, Building 3, Hanover, MA 02339
(781) 826-5556 www.bafound.org

Don't Look a Gift Horse in the Mouth

By: Christine Buckley

As of late there has been a great deal of media attention touching upon brain aneurysms. There was the Bret Michaels scare. Michaels is the rocker and reality TV star who suffered a brain bleed which was not confirmed as being caused by a brain aneurysm. There was Beau Biden, son of Vice President Biden who is a two time brain aneurysm survivor, who suffered a mild stroke. Unfortunately there was also the passing of Apple Director, Jerome York and an HBO producer David Mills due to brain aneurysms.

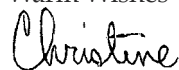
The mere mention of the term brain aneurysm in the media, whether it is being referred to directly or being referenced as a like condition, undoubtedly brings needed awareness to the cause. With the benefit modern technologies, we can access reports that tell us the number of visits to our website, www.bafound.org, and when they occur. Thus, we have seen that when the media reports on high profile people having in some way been linked to a brain aneurysm or a related brain bleed, we see amazing spikes of increased visitors to our website.

I think this sudden increase in visitors to The Brain Aneurysm Foundation website at these times tells us what we have already known for all too long, the general public's understanding and awareness of this devastating condition that affects as many as 1 in 50 in the United States, is frighteningly limited. It also tells us that we have much more to do as an organization in terms of our awareness campaigns and educational initiatives. Brain aneurysms are very serious and a widespread understanding of the risk factors and symptoms should be communicated to all in an effort to promote early detection and save lives.

Awareness of brain aneurysms should not have to wait for someone rich and famous to be affected before the media starts to talk about brain aneurysms. The jump start is appreciated, but now it is important for the foundation and each of us to do our part. We all have stories we can share in our communities, whether they are of a loss, survival and recovery, or being a caregiver. Each of us can contact our Congressman and ask for their support of House Resolution 263 to proclaim September as National Brain Aneurysm Awareness Month. You can call the foundation to get some of our educational materials to bring to your next doctors visit. The point being made is we should not be waiting for Larry King to interview Dr. Sanjay Gupta on the status of Bret Michaels or for Oprah to do the first interview following his hospitalization as a means of hopefully raising awareness, presenting the risk factors and symptoms, and stressing the importance of early detection to save lives. As a foundation with many members, we must all do our part each day and not be satisfied with the random occasions that the "Googling" of brain aneurysms is off the chart driving heavy traffic to www.bafound.org. The immediate attention to the disease is not a bad thing, but it is short lived.

So as not to complain about the press of the high profile people that does indeed spike awareness, and to follow the advice of Henry Ford, "Don't find fault. Find a remedy". Let's work with the buzz that has been created and let each of us find a way to support the mission of The Brain Aneurysm Foundation and increase awareness, support, education, and funding for brain aneurysm research.

Warm Wishes-



Christine



Announcing New Monthly Pledge Processing Program at The Brain Aneurysm Foundation

For those wishing to pledge to make a monthly donation to The Brain Aneurysm Foundation by credit or debit card, we have established a new program in 2009. To make a pledge, simply fill out the donation information on the back of this newsletter with your monthly pledge amount and credit or debit card information, or for more information go to our website at www.bafound.org or contact office@bafound.org

New Support Groups

The Brain Aneurysm Foundation is happy to report we have seen the growth of many new support groups across the country. New groups at the University of Michigan Hospital in Detroit and at the Inova Fairfax Hospital in Falls Church, VA both had over 50 attendees at their first meetings. Support groups at HealthSouth Rehabilitation Center in Concord, NH, at Brigham & Women's Hospital in Boston, Lowell General in Lowell, MA, at Providence

St. Vincent Medical Center in Portland, Oregon, Health Park Hospital in Ft. Myers, FL, at North Broward Medical Center in Deerfield Beach, FL, Tampa General Hospital in Tampa, FL and Florida Hospital Orlando in Orlando, FL have all recently formed and are successfully growing.

To see a complete listing of support group meetings go to http://www.bafound.org/support/sup_grp.php

New Online Support Community Growing

By Ginny Tocci

The new online support community for those affected by brain aneurysms at www.bafoundsupport.org continues to grow. It's a great place to share joys and concerns. The forum section allows members to ask questions or start a discussion about topics of interest to brain aneurysm survivors, their caretakers, and those who have lost someone to a brain aneurysm. Others choose to use the blog section to share their stories, their worries, and find comfort from others in the community. Some have formed their own groups: Living with an Aneurysm and Aneurysm and Migraines. Many members have posted photos of loved ones or of survivors enjoying life and family times.

The Brain Aneurysm Foundation has started a new **Ask the Doctor** forum within the support community, where neurosurgeons from our Medical Advisory Board are answering member's questions.

Some comments from the support community members:

From Claudia:

So thankful to read some of what others are going through and to see some similarities. Helps to make a survivor not feel weirder than we may already feel. I know the feelings you are asking about Jen and I look forward to a reply from one of these amazing experts.

From Johannah:

Just saying a big hello. I am enjoying this place so much. It has really helped me. No one can begin to know what its like to have an aneurysm unless they've had one. It is just nice to know I can finally nod my head and say I know what they mean.

From Sharon:

Thank you to everyone who responded to my blog over the weekend. Your comments were very much appreciated.

I wanted to share a quote from a book I read recently, by Richard Paul Evans, entitled "Carousel": "We can't promise our time. The best we can promise is our hearts. And the most we can hope for is to live each moment as if it's our last". This quote seems appropriate to anyone who has come close to losing their life. It seems very relevant to me and I keep a copy of the quote on my bedside table to remind me to treasure life even with the limitations that a serious illness sometimes gives us.

Have a good day and God bless all of you. Isn't this website wonderful? We don't have to feel alone any more.

From Louise:

My father, 59, has very recently suffered a ruptured brain aneurysm. He is currently in hospital and has just had the aneurysm coiled. He has not yet regained consciousness since the incident (3 days ago). I am wondering if anyone can tell me what he will be like when he wakes up? Are the problems discussed here on this site typical of all aneurysm sufferers, or is there a chance he could be back to his old self? Sorry but I am very new to all of this, as it came as such a shock, so although I have started to research it, I don't yet know too much, and would love some advice from fellow sufferers and their relatives.

2nd Annual Brain Aneurysm Race for Awareness in Memory of Timothy P. Susco

On Saturday, October 17th, 2009, the 2nd Annual Brain Aneurysm Race for Awareness in Memory of Timothy P. Susco was held in Reston, Virginia outside Washington, D.C. The day was cold and rainy, but the enthusiasm and heartfelt support were excellent. The race attracted 615 registrants and over 100 volunteers. Through corporate and personal donations as well as race registration, the race raised over \$20,000 for brain aneurysm research and awareness programs. The race brought together teams of runners in memory of loved ones touched by brain aneurysms.



The Susco Race

One team in particular, Team Barb, registered over 80 runners. Team Barb was formed in memory of Barbara Chirles who lost her life due to a ruptured brain aneurysm in April 2008. Honoring her, husband Brian, family and friends gathered, participated, and raised a tremendous amount of funds to advance brain aneurysm research. Their efforts went a long way toward the success of the day. Another team, Team Ron, participated in support of Ron Peters, a brain aneurysm survivor. Team Ron was also instrumental in generating donations and even traveled from out of state to attend. Other teams, as well as individuals, participated in support of either brain aneurysm survivors or loved ones lost. Next year, the race will actively seek more teams to honor and support their loved one afflicted or affected by brain aneurysms.

This year's race is scheduled for Saturday, October 2nd, 2010. The race will continue to focus on brain aneurysm research and awareness as well as promoting organ donation. Please join the Susco family in October and for more information visit the race's website at www.susco8k.com

Words From Our Supporters

Recently we asked our supporters to tell us why they were thankful for The Brain Aneurysm Foundation. Here are some of their responses:

From the Iorio's: "The support and information we have received from the BAF has helped us through the healing of Joseph after his clipping and rehab. He is 100% recovered with no deficits. It will be 5 years in March. Our family is so blessed and grateful."

From Cathy and Robert Bragg: "I am thankful for the foundation because of how they make people aware of brain aneurysms. Until you are directly involved, you have no idea how many people are affected every day."

From Michele Vallor: "On November 16, 2004, my sister Bethany suffered a ruptured brain aneurysm. The BAF provided educational publications to help us understand and face the recovery process. In August 2006, my sister Nanette died from a ruptured brain aneurysm. The BAF continues to be a support to our family."

From Suzanne and David Marsden: "With the education and support provided, The Brain Aneurysm Foundation allowed me not only to become an informed survivor on how best to deal with the aftermath of a subarachnoid hemorrhage, but also to help others who I've come in contact with who have shared a similar life-altering event."

Now you can sell an item on eBay and donate a percentage of the final sale up to 100% to The Brain Aneurysm Foundation. Clean out that closet, basement or attic. You can sell practically anything on eBay in support of The Brain Aneurysm Foundation. Visit eBay Giving Works for more information.

TeamCindy Growing with Each Stroke, Pedal and Stride!

It began as a grassroots effort two years ago with just one competitor at the Ford Ironman in Tempe, AR, but TeamCindy is already emerging as a major fundraising activity for The Brain Aneurysm Foundation.

TeamCindy, which you can learn more about at www.teamcindy.org, honors the life of Cindy Sherwin, a 33-year young woman who died of a ruptured brain aneurysm while training for her first Ironman at Lake Placid, NY. This effort enables and encourages athletes to participate in triathlon events in Cindy's name and to raise awareness and money to continue the fight against this deadly disease through The Brain Aneurysm Foundation.

TeamCindy Lake Placid – 2009 featured five elite triathletes who were drawn to the cause and competed in Cindy's name. Each of these competitors committed to raising both money and awareness for brain aneurysm research. TeamCindy 2009 raised over \$20,000 for The BAF.

TeamCindy 2010 represents a major leap forward, with ten triathletes competing at Lake Placid, and two new events on the schedule. Two TeamCindy competitors are running in the Boston Marathon and two in the Escape From Alcatraz Triathlon.

In 2011 and beyond, TeamCindy will continue to expand into additional Ironman and other national events, adding athletes and continuing to raise money and awareness. The goal of the effort is to attract one hundred or more athletes annually to participate in these events and become a nationally recognized fundraising activity for the BAF.

TeamCindy's website (TeamCindy.org) promotes the TeamCindy mission and provides each of the participating athletes with his/her own donation page. The TeamCindy website is linked directly to the BAF website. In addition, TeamCindy now has a substantial presence on Facebook with a large and growing following of fans. Become a fan today at www.facebook.com/TeamCindy.



Frank Eeckman and Seth Timen before the Boston Marathon.

Various TeamCindy Athletes



Tea and Silent Art Auction

On the afternoon of Sunday April 25, 2010 The Brain Aneurysm Foundation hosted a Tea and Silent Art Auction at the lovely Omni Park Plaza Hotel in Boston, Massachusetts.

We were fortunate to have as our special guest speaker Ms. Gail Huff, a WCVB-TV reporter who shared with us her personal connections to cerebrovascular disease as a result of her sister suffering a stroke at a young age. Gail was a delightful presenter who highlighted the importance of continued education and research for brain aneurysms and related diseases.

The beautiful artwork that was on hand was donated by over 15 artists, some of them brain aneurysm survivors. A special thank you to Heather Karp, artist and ten year brain aneurysm survivor, for all her efforts in coordinating the silent art auction.

This was a great spring awareness event enjoyed by all!

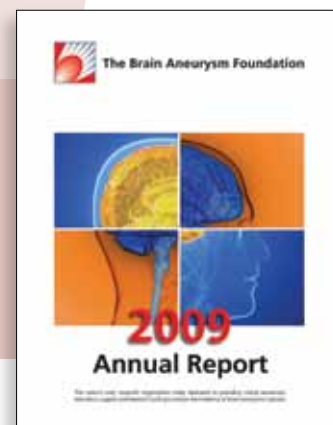


Christine Buckley – Executive Director – BAF, Gail Huff – WCVB TV, Dr. Christopher Ogilvy – Founder and Director of BAF Medical Advisory Board



Annual Report

The 2009 Annual Report is now available. Copies may be requested at office@bafound.org or it may be viewed online at: <http://www.bafound.org/about/2009AnnualReport.pdf>



Our Family History of Aneurysms

By Loretta Arnold

My family found out the hard way that hereditary brain aneurysms do exist and that preventative screening needs to take place to save lives.

Our family's first ruptured aneurysm victim was my father, an upper management employee for a major gas company, husband and father of five, Burt Arnold. The aneurysm signs were hidden by our father's daily stresses in his work. He was a heavy smoker who often had headaches.



Burt Arnold,
"V" for Victory

On June 28, 1981, our father went to bed. After midnight on June 29th, our home became cluttered with emergency responders and family

friends in a hectic display of fear. I was 13 at the time. I peeked through the crowd into his bedroom. It was frightening to see Dad making loud snoring noises and that he had lost control of bodily functions before slowly coming to. He was dizzy and couldn't think straight. They took him to the hospital.

Tests proved our father had a ruptured brain aneurysm located in the frontal lobe area. He was in dire need of brain surgery in order to live. My father was a special case, he survived a ruptured brain aneurysm after also suffering a number of strokes. We then got the word that it was of hereditary form.

During the time our father was in the hospital, most of the medical providers had serious doubts that he would survive either on a short term basis or over the long run. They even suggested that our mother should prepare for the worst.

Hospitalization was different back then with limited levels of therapy. Our father was transported to our house where he relearned the basic skills of life, such as eating, walking, and talking. There were days he would stand and sway while moaning. Nurses only came a couple times a week and our mother was forced to take on two full time jobs just to support us five kids. Aneurysms can lead towards these difficult roads. At that time, there was little support and education about aneurysms. Now, times have changed, as The Brain Aneurysm Foundation has proven this by providing more awareness, education, support and research funding to reduce the incidence of brain aneurysms.

Sadly, Burt "Bunny" Arnold died this past June. It was 29 years from the date of the weekend when all of this began. He died from complications surrounding a hip break and congestive heart failure. He survived against all odds and despite the grim prognosis we had received.

Lynette, my eldest sibling, entered a West Virginia hospital with a numb limp in her step accompanied with an unusual headache. We thought she would be treated and sent home. Unfortunately, tests proved she had a double aneurysm which was bleeding in her brain. When the news reached us, we knew a long road would be ahead, if she made it.

My brother videotaped Lynette while she was in the hospital. These are her words, her message:

"The angioplasty was not bad, it didn't burn and it was well worth it to find out what was wrong and how many aneurysms there were. They are going to go in there and clip them with two clips tomorrow and hopefully this will be all over with. Yeah, dad's experiences makes this possible for me. I wish you (dad) were alive today to see the progress they made for me and for you guys. I love you guys."

Unfortunately, Lynette fell into a coma following surgery as her condition declined. Lynette (Arnold) Barron, 47, died on March 11, 2010, less than one week after being admitted into the hospital with a ruptured aneurysm. I soon found out that she had exhibited classic signs and symptoms for a couple days before going to the emergency room.

Operations surrounding aneurysms are in most cases successful if done prior to an aneurysm rupture. However, survival odds after an aneurysm ruptures are grave. The days following an operation are most critical. Unfortunately, there may be complications that stem from the bleeding into the brain. If my sister and father had caught this in time, before their aneurysms ruptured, one may have survived and another may have avoided the consequences of a lifetime with disability.

Checking out your family history may take communication and time, but it is well worth it. If there is any question surrounding hereditary

(continued on page 9)

aneurysms, please ask. It turns out my father's side of the family was riddled with brain aneurysms. If only my father and sister had been screened for aneurysms, they might still be with us. Early detection can save lives. By increasing awareness about aneurysms and the dangers of a family history of aneurysms, I am hoping my family's story will lead to others avoiding this tragedy by being screened for aneurysms and receiving treatment prior to aneurysm ruptures.

One lesson I learned is that there is always something to be gained from even the most traumatic experiences. That lesson led me here, to you.

Never give up hope, even when the chips are down. If your family has been affected by brain aneurysms, please make sure all family members consult with their physician to receive appropriate screening. But mostly, with the resources at our fingertips offering pathways and support - never fear to reach out - and always remember those who need our help by supporting The Brain Aneurysm Foundation.

On behalf of my family, thank you.

-Loretta Arnold

Massive Genetics Study Identifies New Brain Aneurysm Risk Genes

Brain aneurysms form at weak points along blood vessels and their rupture leads to hemorrhagic, or bleeding, stroke. Of the different types of stroke, aneurismal subarachnoid hemorrhage is the most devastating; 40% of patients with aneurysm rupture die, and a large portion of the remaining are left with severe neurologic deficits. Furthermore, aneurysm rupture tends to occur in much younger patients compared with other types of stroke, and this leads to the loss of many productive years. Clinical investigations of intracranial aneurysms strongly suggest a genetic contribution; however, identifying the particular genes that cause aneurysms has proven a formidable task.

An international team led by Murat Gunel, MD, Professor of Neurosurgery and Genetics at Yale, have now completed the two largest genome wide studies of brain aneurysms with the second one being published in May 2010 issue of the Nature Genetics journal. In this undertaking, the investigators compared the genomes of nearly 6,000 aneurysm patients to those of over 14,000 healthy subjects from countries across Europe and Japan, and identified a total of five regions that are strongly associated with brain aneurysm risk. An individual carrying variants in all five of these loci is 5 to 7 times more likely to develop an aneurysm than one who carries none.

These conclusions are the first to implicate specific loci and genes in aneurysm formation, and have significant repercussions. They not only give insight into why aneurysms form, but also represent the first step in

developing genetic screening tests which can help identify individuals at risk for developing this deadly disease, prior to a major hemorrhage. "These findings provide important new insights into the causes of intracranial aneurysms and are a critical step forward in the development of a diagnostic test that can identify people at high risk prior to the emergence of symptoms," said Dr. Murat Gunel, the senior author of the paper. "Given the often-devastating consequences of the bleeding in the brain, early detection can be the difference between life and death." "Although we face many more challenges, we now achieved the first steps necessary to attain over a decade long goal of early diagnosis and biology-based treatments of aneurysms," he added. Indeed, understanding the genetic basis of brain aneurysms will allow the researchers to focus on certain molecules or pathways, ultimately leading to smart therapies.

The genetics of brain aneurysms, however, is extremely complex, and the investigation is far from complete. While these findings have transformed the understanding of the genetic risks for intracranial aneurysms, considerable work remains. "These five genes explain about 10 percent of genetic risk of suffering an aneurysm" Gunel said. "This is 10 percent more than we understood just a couple of years ago, but there is a long way to go."

If you would like to participate in this on-going genetics study, please contact Andrea Chamberlain, RN (andrea.chamberlain@yale.edu or 203-737-2096) at Yale for more information.

Six Month Progress Report on Research Funded by The Brain Aneurysm Foundation

By: Dr. Michael Stiefel of UPenn

The rupture of a brain aneurysm is a devastating event that affects 30,000 people each year and is associated with around a 40% death rate. For patients surviving the initial rupture, delayed neurological problems may develop and represent the major cause of disability and death. The presence of blood in the fluid-filled spaces surrounding the brain may irritate brain blood vessels and cause them to spasm. Spasm of blood vessels may reduce blood flow and prevent oxygen and nutrients from reaching the brain, thereby resulting in delayed neurological deficits. Although spasm has previously been considered the sole cause of delayed neurological complications, several lines of evidence suggest that other processes may contribute to neurological complications after brain aneurysm rupture.

We put forth the idea that delayed neurological deficits may in part be due to small blood clots forming in blood vessels throughout the brain following aneurysm rupture. These blood clots may act, along with vessel spasm, to block the blood flow to the brain and contribute to brain injury. If blood clots are shown to be a factor in causing delayed deficits, drugs may be developed in the future to break up clots and reduce the occurrence of delayed neurological problems.

Over the last six months, we conducted research to examine the presence and association of blood clots within the brain to delayed neurological deficits observed in patients.

We are currently in the tissue processing and data analysis phases of the project. We hypothesize that the degree of brain injury will be reduced in animals receiving both the drug that breaks up clots and the drug that decreases spasm as compared to animals receiving only one drug or no drug.

We anticipate completing the staining of the remaining brains within the next two months. We plan to finish counting the small clots and dying brain cells within

this time period. A statistical plan has been developed for comparing the control and experimental groups. We will complete the data analysis in the following month and prepare our results for presentation and publication.

Current treatments of delayed neurological problems following brain aneurysm rupture are not fully effective and are associated with risks of further injury. Through our research, we hope to demonstrate that clot formation in blood vessels contributes to delayed neurological deficits. Such a finding would present a new target for future drug treatment of the devastating complications that occur in patients who survive the rupture of a brain aneurysm.

Save The Date

**THE FOURTH ANNUAL
BRAIN ANEURYSM RESEARCH GRANT
AWARDS SYMPOSIUM**

*Wednesday, September 22, 2010
at six o'clock
The Ritz Carlton
Orlando, Florida*



GUEST SPEAKERS:

CHRISTOPHER OGILVY, M.D. <i>Boston, Massachusetts</i>	RAFAEL TAMARGO, M.D. <i>Baltimore, Maryland</i>
--	--

After attending this educational activity, participants should be able to:

- Understand the natural history of unruptured brain aneurysms in order to provide better and more comprehensive management of patients.
- Identify the role of blood flow biomechanics in unruptured brain aneurysms.
- Understand the impact of blood flow on unruptured brain aneurysms and the effect on long term management of patients.

JOINTLY SPONSORED BY:



*Please R.S.V.P. by September 10, 2010 by contacting The Brain Aneurysm Foundation at 781-826-5556 or office@bafound.org
Sixty dollars per person. Proper dress required.
Visit the Brain Aneurysm Foundation website at www.bafound.org for educational program descriptions.*

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the University of Florida College of Medicine and The Brain Aneurysm Foundation. The University of Florida College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Florida College of Medicine designates this educational activity for a maximum of 2.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Start Raising Money For The Brain Aneurysm Foundation With Your Own Fundraising Page

You can make your own personal fundraising page in memory or in honor of a loved one to raise money to support the mission of The Brain Aneurysm Foundation.

Your fundraising efforts will enable The Brain Aneurysm Foundation to progress in so many ways. Through your support, we will be able to continue to provide support and educational materials and information to brain aneurysm patients, their families, and the medical community and to promote critical awareness of brain aneurysms which will lead to earlier detection.

The Brain Aneurysm Foundation is funding essential research that can directly benefit those affected and help to reduce the incidence of ruptured aneurysms.

By creating your own fundraising page for The Brain Aneurysm Foundation, you can translate your commitment for helping others and reducing the incidence of brain aneurysm ruptures into action.

Email your page to friends, family and colleagues, who donate by credit or debit card in an easy, secure online transaction. We've made it easy for you to raise money to help families affected by this tragic disease and spread the word about your efforts online. You can customize your personal fundraising page by posting photos, telling people about your loved one and tracking your fundraising goals.

Please help us make a difference for all those affected by this deadly disease.

TO SET UP YOUR OWN FUNDRAISING PAGE, start here
<http://bafound.donorpages.com/IndividualFundraiserDonorpage/>

**You Can
HELP!**

Donate Your Vehicle Through the V-DAC Service to The Brain Aneurysm Foundation and You May Be Eligible for a Tax Deduction

Now you can donate your used vehicle to The Brain Aneurysm Foundation. We accept any kind of vehicle: cars, trucks, motorcycles, RV's, boats, airplanes, heavy equipment, farm machinery, etc. There are no costs to the donor. The costs of towing, title transfer, processing and management of the vehicle donation program are paid for from the proceeds of the vehicle sale. In the event the sale proceeds do not cover all costs, V-DAC covers any shortfalls.

You are entitled to receive a tax deduction equal to what the vehicle is sold for by the charity if you itemize your deductions. If the vehicle is sold for less than \$500, you can deduct the fair market value up to

\$500. You will receive a tax receipt stating what your vehicle sold for within a few days of the sale of your vehicle. There is no cost to the donor or to the charity. All expenses are deducted from the gross sales price and, if the costs ever exceed the price, V-DAC covers those costs. The V-DAC program controls costs and tries to return as much of the gross proceeds as possible to designated charities. Their program delivered an average of 61% of gross proceeds in 2007.

V-DAC makes vehicle donation fast, easy and safe for donors. For more information call 877-999-8322 or go to <http://www.v-dac.com/org?id=43243864>

New Website Coming

The Brain Aneurysm Foundation is currently redesigning our website and adding a large amount of informative new content. We are very thankful for the many contributions of our Medical Advisory Board who has been very helpful in terms of revising our current information and providing the latest updated information. We hope to launch our newly redesigned website this summer.

Save the Date—2010

June 13, 2010

The 3rd Annual Danielle Bledy Memorial 5K Run/
1 Mile Fun Walk, Cherry Hill, NJ

June 21, 2010

BAF Golf Tournament at Hatherly Golf Club,
Scituate, MA – REGISTER ONLINE

July 18, 2010

3rd Annual Thomas Cashman Memorial Bike Run,
Berwick, PA

July 25, 2010

TeamCindy Participation in Lake Placid
Ironman Triathlon

August 19, 2010

Philadelphia - See the Phillies vs. the Giants at 7:05
with the BAF

September 12, 2010

1st Annual Bowling for Brains, Kingston, NY

September 18, 2010

The 2nd Annual Freddie Harris Memorial Walk/
Fun Run in Belleville, MI

September 22, 2010

The 4th Annual Research Grant Symposium,
Orlando, FL

October 2, 2010

2nd Annual Brain Aneurysm Awareness Walk,
Jones Beach, Wantagh, NY

October 2, 2010

Brain Aneurysm Race for Awareness 8K
in Memory of Timothy Susco, Reston, VA

Neuro Public Policy Tour

On March 23, 2010 two members of The Brain Aneurysm Foundation attended for the third year, a public policy tour in Washington, D.C. in support of The National Neurotechnology Initiative Act which was introduced in the House of Representatives (H.R.1483) and the Senate (S.586) on March 12, 2009. The NNTI is a \$200M/year initiative designed to foster new discoveries and accelerate the development of new and safer treatments for the one in three Americans living with a brain-related illness, injury or disease.

While on this tour, we asked each member of Congress that we met with to also support



House Resolution 263 in support of establishing September as National Brain Aneurysm Awareness month.

We ask that you please ask your Congressman to support this legislation, House Resolution 263, for brain aneurysms awareness!

Opportunities to Participate in Current Brain Aneurysm Research

1) Familial Intracranial Aneurysm (FIA) II Study

A group of physicians from throughout North America, Australia and New Zealand have formed a collaborative effort to identify genes that may be important in the development of aneurysms in the blood vessels of the brain. This study of affected individuals and families, known as the Familial Intracranial Aneurysm (FIA) study, is sponsored by the National Institutes of Health and has involved over 475 families.

FIA II will involve an additional 200 families plus 1800 subjects with an Intracranial Aneurysm but no family history. These families and individuals will be used to replicate the findings of FIA I. FIA II will take place in North America only.

Participants will be asked to complete a family history questionnaire (if they have a family history) and a medical history questionnaire. They will also have their blood pressure measured and will give a small sample of blood. In addition, medical records will be requested to confirm the diagnosis of intracranial aneurysms. There will be no monetary compensation for participation.

Participation in this project is voluntary and is limited to families with affected siblings or 3 affected family members or individuals with a known intracranial aneurysm. To request additional information or to enroll in this study please contact Laura R. Sauerbeck at University of Cincinnati, at 513-558-1742 or 1-(800) 503-3427. Information about the study can also be obtained via email at Laura.Sauerbeck@uc.edu or through our web site <http://www.FIAStudy.org>.

2) Yale University Genetic Brain Aneurysm Study

The study focuses on identifying genes responsible for the formation and bleeding of brain aneurysms. The recently-completed initial phase of the study, based on over 2,000 patients and 8,000 healthy individuals, successfully identified the first aneurysm susceptibility genes in European and Japanese populations. The results were published in the scientific journal Nature Genetics and have been extensively profiled by news media, including CNN and the BBC. The ultimate goal of this project is to extend the results to the American population and subsequently develop new methods of early identification of people afflicted with brain aneurysms which will lead to less-invasive, more-effective treatments for aneurysms.

All study records are confidential and there is no cost to participate. If you are interested, please contact Nikhil Nayak (nikhil.nayak@yale.edu or 800-299-9528) or Andrea Chamberlain, RN (andrea.chamberlain@yale.edu or 203-737-2096).

"...it is necessary to raise brain aneurysm awareness and increase early detection because it can save lives."

—Chef Mario Batali of The Food Network and brain aneurysm survivor



Gearing Up For Golf on June 21st at Hatherly Country Club, Scituate

Plan on joining us for The 5th Annual Brain Aneurysm Foundation Golf Tournament on Monday, June 21st for a day of fabulous golfing at the exclusive Hatherly Country Club in North Scituate, which was founded in 1899. Enjoy golfing on this premier, private championship golf course, with a setting that offers some of the most scenic ocean views in the state. Come sip cocktails on the deck overlooking the Atlantic, followed by a gourmet dinner at the spectacular clubhouse. We will be having a silent auction and a live auction. Not a golfer? Join us for cocktails and dinner.

The golf course is a par 70 and plays to a length 6,185 yards from the blue tees. The setting of the golf course offers some of the most scenic ocean views in the State. Finishing holes 16, 17, and 18, along with the clubhouse, overlook acres of salt marsh that stretch to a barrier beach and the inlet channel to Cohasset Harbor. There is also a spectacular view of the Atlantic Ocean. On clear days, Boston and the North Shore are easily visible across the water.

Our speaker for the evening will be Mike Gibson. Mike has enjoyed careers as a PGA golf professional and regional instructor for Titleist. Mike has had to overcome much adversity in his life. When he was 17, a tragic boating accident resulted in a left arm amputation above the elbow. His passion for bringing golf to people of all ages and abilities has led Mike to many unusual challenges. He has assisted

people recovering from strokes, polio, and other developmental disorders like Downs Syndrome and CP as well as fellow amputees. While the approach is a bit different, the results remain the same; an improved golf swing. Mike realized "I always wanted to make a difference and if I could give these people a platform to be whoever they wanted to be and achieve goals that they never thought were achievable, then I had found my place."

We look forward to Mike joining us for golf and speaking afterwards. To learn more about Mike's incredible story, go to <http://www.titleist.com/inspiration/default.asp?id=2>

11:30 – 12:45 Registration & Lunch
1:00 Shotgun Start (Scramble Format)
6:00 Cocktails and Silent Auction
7:00 Dinner

We are still seeking donations for our silent and live auctions. Sponsorships are available at many different donation levels. Hole sponsorships for corporate sponsors with your company's signage on the course is \$500, and signs for individual sponsorships may be made in honor of or in memory of someone special to you for \$100. For more information, please contact office@bafound.org

To register online go to <http://bafound.donorpages.com/GOLFTOURNAMENT2010/> or call 781-826-5556.



Brain Aneurysm Awareness Night

Join the Brain Aneurysm Foundation at Citizens Bank Park on Thursday, August 19, when the Phillies host the San Francisco Giants at 7:05 p.m.



Seating (subject to availability) with supporters will be located in the Terrace Deck (Sections 417-419) for \$26 each. Net proceeds from tickets sold through this event will benefit the Brain Aneurysm Foundation.

To order your tickets, go to <http://mlb.mlb.com/phi/ticketing/group/splash.jsp?loc=baf> and click on the "Buy Tickets" button and enter the promotion code BAAN.

Please place your order by July 19, 2010.

For groups of 25 or more, please contact Scott McDade in the Group Sales Office at 215.463.5000 ext. 5109. All groups of 25 or more will be welcomed on the Phillies side auxiliary message boards at the top of the 5th inning.

We hope to see you at Citizens Bank Park on August 19!

In 2010, Pepsi is giving more than \$20 million in the U.S. to fund ideas that will move communities forward.

In advance of his departure for South Africa next month, U.S. Men's National Team star, Clint Dempsey, is asking soccer fans everywhere to join them in making a difference in helping to refresh the world. Fans can cast their votes at www.ussoccer.com/PepsiRefresh for whichever player's idea they believe should receive a grant from the Pepsi Refresh Project.

Fans will have until June 12 at 11:59 p.m. EST to cast their votes. The idea which receives the most fan votes will be awarded \$50,000 in support of their idea.

Dempsey's idea will establish a chair of research at The Brain Aneurysm Foundation in the name of his sister, who passed away of a brain aneurysm, as well as fund the production and distribution of educational, awareness, and support materials across the U.S. and worldwide. The foundation is the nation's only nonprofit organization solely dedicated to providing critical awareness, education, support and research funding to reduce the incidence of brain aneurysm ruptures.

"Losing my sister was devastating," says Dempsey. "More research is needed to help prevent brain aneurysm ruptures. With the support of soccer fans and the Pepsi Refresh Project, we would be able to fund important research projects to better understand and combat this condition."

Please visit: www.ussoccer.com/PepsiRefresh and vote for Clint and brain aneurysm research and awareness!!!



THE BRAIN ANEURYSM



FOUNDATION

Can we count on you?

Please co-sponsor

House Resolution 263

sponsored by

Representative Tiberi of Ohio

Help establish September as

National Brain Aneurysm

Awareness Month

***1 in 50 people has a brain
aneurysm...are you the 1?***

www.bafound.org

***Early detection
saves lives!***

**The Brain Aneurysm
Foundation:**

The nation's ONLY non-profit organization solely dedicated to providing critical awareness, education, support and research funding to reduce the incidence of brain aneurysm ruptures.

www.bafound.org

This card was sent to every member of Congress!

NONPROFIT ORG
U.S. POSTAGE PAID
BOSTON, MA
PERMIT # 978

The Brain Aneurysm Foundation, Inc.
269 Hanover Street, Building 3, Hanover, MA 02339

