

PARKINSON'S DISEASE FOUNDATION

Annual Report 2008



*The mission of the
Parkinson's Disease Foundation
is two-fold: to understand and find the
cure to Parkinson's disease and related
movement disorders; and, for as long
as this search continues, to ensure that
those individuals and families who live
with Parkinson's are able to achieve
and maintain the best possible
quality of life.*



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Letter from **LEADERSHIP**



Dear Friend:

With pleasure and with pride, we share with you this report of the activities of the Parkinson's Disease Foundation (PDF) for 2008.

For PDF, this has been a year of investment in the Parkinson's community. In 2008, we devoted over \$8 million to programs that funded promising Parkinson's research while supporting those individuals who live with the disease.



At the heart of PDF's work continues to be the participation of people with Parkinson's. Their perspective ensures that our work is on target and meets the needs of the Parkinson's community.

While the year, by and large, has been gratifyingly successful — in the research that we have funded that has brought us closer to better understanding Parkinson's and in the education and advocacy programs that have informed and empowered people living with Parkinson's — we all acknowledge the work that still needs to be done and the economic situation that will have ramifications for all of us.

Still we remain optimistic — thanks to sound financial management and the continuing generous contributions of our donors. We hope that as we remain committed to finding a cure for Parkinson's disease, you will also renew your own commitment to supporting our work.

It is because of you that we were able to achieve so much this year and we thank you for your generosity.

Sincerely yours,

A handwritten signature in black ink that reads "Robin Anthony Elliott".

Robin Anthony Elliott
Executive Director

A handwritten signature in black ink that reads "Lewis P. Rowland".

Lewis P. Rowland, M.D.
President, Board of Directors

Investments in RESEARCH

Central to PDF's mission is funding Parkinson's research of the highest caliber. Through our diverse research programs, there is a single underlying objective: to identify the best scientific investments. The projects that were chosen this year reflect this focus on excellence. They also demonstrate PDF's unique capacities to be a consistent supporter of dedicated Parkinson's programs, while also remaining nimble and responsive to new opportunities. Total expenditures on scientific research this past fiscal year reached \$5.9 million, compared with \$4.9 million in the previous year.

Supporting Leading Parkinson's Research Centers

The centerpiece of PDF's research program is our Center Grants Program, which provides funding to select teams specializing in Parkinson's disease (PD). PDF currently supports the research programs of three major academic centers — Columbia University Medical Center in New York,



Rush University Medical Center in Chicago and Weill Cornell Medical Center in New York. The following are some of the recent accomplishments of these teams of scientists.

COLUMBIA UNIVERSITY MEDICAL CENTER

PDF's largest research grant — \$2.7 million in 2008 — supported its ongoing partnership with the Center for Parkinson's Disease and Other Movement Disorders at

Columbia University Medical Center. The center comprises six main laboratories as well as clinical study and training programs.

Genetics and Parkinson's

What role does genetics play in Parkinson's? This question is the focus of one aspect of the work of Karen Marder, M.D., and her colleagues. Their research includes the study of a mutation of the gene known as Parkin, an inherited mutation which is often associated with the early onset of Parkinson's. Family members of people who have both the Parkin gene mutation and Parkinson's are often concerned about their risk of also developing the disease, especially if they too have the same Parkin mutation.

Much as having high cholesterol does not guarantee a heart attack, having the Parkin mutation does not guarantee a PD diagnosis. But what are the risks? In a report authored by Yuanjia Wang, Ph.D., Dr. Marder's lab sought to address this question directly with a clinical study.

Among the study population, the researchers found that relatives of people with PD who did not carry the Parkin mutation were at no greater risk for the disease; however, relatives who did carry the mutation were estimated to have a slightly increased risk of developing PD. Dr. Marder and her colleagues are now working to refine their estimates of risk among Parkin carriers in a larger, multi-center study.

Validity of Spiral Analysis in Early Parkinson's

Could simple quantitative measures of motor dysfunction help the process of diagnosing and possibly predicting Parkinson's? Automated diagnostic tools are important because most individuals with Parkinson's disease are initially diagnosed by a primary care physician who may not recognize the

signs and symptoms of PD without a test.

Seth Pullman, M.D., is addressing this issue by studying the manner in which people with Parkinson's draw an Archimedean spiral on top of a computer tablet. The spiral is then digitized and analyzed according to experimentally tested mathematical algorithms.



In a small study, Dr. Pullman and his colleagues found a strong correlation between the results yielded using his experimental technique and those achieved by applying the Uni-

fied Parkinson Disease Rating Scale (UPDRS), the leading conventional technique of assessing and measuring the advance of Parkinson's disease.

Understanding the Death of Dopamine Cells

The movement effects of Parkinson's disease occur when the dopamine-producing cells in the brain begin to malfunction and die. Unraveling the mechanisms that lead to the death of these cells may help guide the development of new therapies for the disease.

Using a gene therapy approach, Robert Burke, M.D., has previously demonstrated that the over-expression of Akt, a key cellular enzyme, prevents the death of dopamine cells. Now, in two different avenues of research, he and his colleagues have expanded the understanding of the molecular cascade that causes these neurons to die.

In one approach, Lloyd Greene, Ph.D., has independently demonstrated the importance of Akt in preventing cell death. He and his colleagues identified a gene,

RTP801, which is activated in cellular models of Parkinson's disease and indirectly suppresses the protective activity of Akt. Dr. Greene is currently seeking to understand how the expression of the gene is regulated and to identify chemical compounds that would inhibit its activity, thus preventing the death of neurons.

In another area of investigation, Dr. Burke's group has shown that two protein regulators of cell signaling, known as JNK 2/3, are required for dopamine neurons in the substantia nigra region of the brain to die. By identifying these key steps in the cell death cascade, it is possible to design drugs that interfere with this cascade and thereby the progression of PD.

In addition to understanding the process by which dopamine neurons die, it is critical to identify how these processes are initiated in the first place. David Sulzer, Ph.D., has recently generated a new hypothesis on what triggers their demise.

Termed the "multiple hit hypothesis," Dr. Sulzer believes that alpha-synuclein, combined with elevated levels of calcium and dopamine inside the cell, is the reason that dopamine neurons are selectively lost in PD. By developing novel means of measuring dopamine in the cell, Dr. Sulzer's team was able to support this multiple-hit hypothesis. Their work suggests possible multiple targeting strategies that may lead to the protection of dopamine neurons.

RESEARCH

Investments in RESEARCH

RUSH UNIVERSITY MEDICAL CENTER

In 2008, PDF's grant of \$350,000 to the Rush University Medical Center Movement Disorders Program in Chicago was supplemented by Rush's own private fundraising, for a total of \$600,000 in funding for Parkinson's research.

Gene Therapy in PD

At Rush, the translational research program on gene therapy, directed by Jeffrey H. Kordower, Ph.D., (laboratory wing) and Leo Verhagen, M.D., Ph.D., (clinical wing), completed enrollment and one-year follow-up of a multi-center sham-operated controlled clinical trial of human neurturin in people with Parkinson's.

The gene therapy technique was perfected by Dr. Kordower in the laboratory over the past several years and involves a viral vector-gene transfer for production of growth factors aimed at nourishing brain cells affected by PD.

Unfortunately, as often happens in science, the Phase II clinical trial of this treatment (CERE-120), failed to show efficacy. However, as also happens in science, one setback can sometimes serve as the springboard for other opportunities. In this case, this disappointing trial experience is being incorporated into a new National Institutes of Health (NIH) sponsored gene therapy trial of GDNF, a growth factor closely related to neurturin.

PD-Related Task Force Outcomes

Over the past year, several contributions to the PD community have drawn on the work of the Rush team.

One of these is a new and improved version of the Unified Parkinson's Disease Rating Scale, termed the *Movement Disorder Society-UPDRS*. This scale is used to monitor a person's PD progression. This

effort involved the evaluation of over 800 people with PD at all stages of the disease and includes the largest representation of minority subjects ever recruited in a PD clinical trial. It is hoped that this more refined and inclusive UPDRS will result in faster and more efficient development of new treatments for PD.

In a related series of initiatives, the Task Force on Rating Scales for Parkinson's Disease, under the direction of Christopher G. Goetz, M.D., has produced reports published in *Movement Disorders* on anxiety, apathy and dysautonomia rating scales. The team is also working to develop scales in such areas as cognition, sleep disorders, pain, motor fluctuations, fatigue, dyskinesia and dopamine dysregulation syndrome — complications that are experienced by many people with PD.

FOCUS ON DANCE & PD

People with PD have long recognized the potential of dance to temporarily reduce their PD symptoms.

Researchers are now examining this phenomenon. Kathleen Shannon, M.D.,



has worked with Hubbard Street Dance Chicago to bring dance therapy into the Rush program. People with PD participate in dance and rhythm therapy while Dr. Shannon's research team of rehabilitation specialists, neurologists and neurophysiologists design protocols for testing and documenting the outcomes of these activities.

Kathleen Shannon, M.D.
Associate Professor
Rush University Medical Center

WEILL CORNELL MEDICAL CENTER

In 2008, PDF's third Center Grant, in the amount of \$150,000, supported the work of several leading researchers at Weill Cornell Medical Center in New York.

Finding PD Biomarkers

The ability to unequivocally diagnose Parkinson's disease, especially in the early stages, remains a major obstacle to Parkinson's research and care. Two efforts at Cornell are currently underway to identify PD biomarkers, tests that can identify PD and trace its development.

The first effort capitalizes on the hypothesis that the metabolism of people who have PD is different from those who do not. To test this theory, M. Flint Beal, M.D., and colleagues, with Mikhail Bogdanov, Ph.D., as lead scientist, quantitatively measured a wide array of small molecules in the blood of individuals with and without PD using a process called metabolic profiling (metabolomics for short).

In this unblinded study, Dr. Bogdanov and colleagues were able to clearly distinguish the metabolic profile of control individuals from the profiles of those with Parkinson's disease who were both on and off of medication.

In a related effort, Claire Henchcliffe, M.D., D.Phil., and Dikoma Shungu, Ph.D., are examining the metabolism, and hence function, of mitochondria in the brains of people with Parkinson's. Researchers speculate that deficits in mitochondrial metabolism make neurons in the brain more susceptible to stress that leads to cell death.

By using a specialized form of brain imaging called magnetic resonance spectroscopy, Drs. Henchcliffe and Shungu plan to measure the levels of a small number of brain metabolites, like lactate, that may help

track the progression of disease. Preliminary work has found significant differences in the brain levels of lactate in people with and without Parkinson's. Their research continues to help us better understand how these changes in brain metabolites reflect disease progression and treatment.

Supporting Individual Scientists

PDF's investment in scientific research also includes supporting individual scientists. Through the International Research Grants Program and the Postdoctoral Fellowships for Basic Scientists and Neurologists, PDF provides financial support — nearly \$1 million in 2008 alone — to promising scientists who are working to advance the science of Parkinson's. This year, PDF made awards averaging \$50,000 each to 18 scientists from around the world, chosen from a field of more than 90 (see list of recipients on page 6).

The 2008 outstanding awardees include Matthew Goldberg, Ph.D., of the University of Texas Southwestern Medical Center at Dallas, Texas, a two-year recipient of IRGP funding.

"It is a great honor to be awarded this IRGP grant," said Dr. Goldberg. "With the support of PDF, we are able to tackle some of the greatest challenges in PD research: understanding why dopamine neurons progressively die and developing laboratory animals that spontaneously undergo progressive dopamine neuron loss by similar mechanisms. This would provide an enormously valuable tool for discovering and testing neuroprotective therapies for PD."

RESEARCH

Investments in RESEARCH

Supporting Pioneering Research in its Early Stages

On occasion, PDF is able to extend support to early pioneering Parkinson's disease science. This funding provides a crucial foundation that helps pave the way for future support from the NIH and other major funding agencies.

An example of this high-level opportunity is PDF's grant of \$150,000 to support the work of Marina Emborg, M.D., Ph.D., and Su-Chun Zhang, M.D., Ph.D., both of the University of Wisconsin-Madison. These researchers are studying the potential of individualized stem cell therapy to treat Parkinson's. If this early research is successful, it could bring researchers a step closer to developing a "personalized regenerative therapy" for Parkinson's. One advantage of personalized stem cell treatment is that by using one's own skin cells, it would

avoid the issues of immune rejection that can be found with other stem cell therapies.

Engaging the Clinical Research Enterprise

PDF also collaborates with other organizations on innovative endeavors that promote the development of new treatments.

Long-Term Study of How PD Progresses

One new project takes a novel approach by assembling and tracking a large group of people with PD whose clinical characteristics — from DNA to PD symptoms — have been well documented through their participation in prior clinical research projects and whose PD progression will provide a window on the nature and development of the disease.

The project, known as LABS-PD, is built on earlier studies sponsored by the Parkinson Study Group (PSG), a nonprofit, cooperative group of Parkinson's experts in the US and Canada who coordinate clinical trials. LABS-PD will create a "living labora-

2008 – 2009 IRGFP AWARDEES

C. Savio Chan, Ph.D.

Northwestern University
Chicago, IL

Alessandra Chesi, Ph.D.

University of Pennsylvania
Philadelphia, PA

Simone Engelender, M.D., Ph.D.

Technion-Israel Institute of Technology
Haifa, Israel

Matthew Goldberg, Ph.D.

University of Texas Southwestern
Medical Center
Dallas, TX

Ledia F. Hernandez, Ph.D.

Massachusetts Institute of Technology
Cambridge, MA

Michael Higley, M.D., Ph.D.

Harvard Medical School
Boston, MA

David Hinkle, M.D., Ph.D.

University of Pittsburgh School
of Medicine
Pittsburgh, PA

Milan Joksimovic, Ph.D.

Northwestern University
Chicago, IL

Sandra Lynch, Ph.D., M.Sc., M.B.A.

Wadsworth Center, New York State
Department of Health
Albany, NY

Alison McCormack, Ph.D.

The Parkinson's Institute and
Clinical Center
Sunnyvale, CA

Carlos Moraes, Ph.D.

University of Miami
Miami, FL

David Park, Ph.D.

Ottawa Health Research Institute
Ottawa, Canada

Jean-Christophe Rochet, Ph.D.

Purdue University
West Lafayette, IN

Enrique Torre, Ph.D.

Emory University School of Medicine
Atlanta, GA

Shaji Theodore, Ph.D.

University of Alabama-Birmingham
Birmingham, AL

Carles Vilarino-Güell, Ph.D.

Mayo Clinic Jacksonville
Jacksonville, FL

Georg Vogler, Ph.D.

Burnham Institute for Medical Research
La Jolla, CA

Wenbo Zhou, Ph.D.

University of Colorado-Denver
Denver, CO

Investments in **RESEARCH**

tory” of sorts — enabling scientists to identify biomarkers, tests that can identify PD or trace its development. Such measurements will help researchers judge the effectiveness of new potential treatments earlier, more efficiently and more economically.

In 2008, PDF supported the LABS-PD study with funding of up to \$100,000.

Advancing New Treatments

The 2008 Advancing Parkinson's Therapies Innovations Grant of \$200,000 was awarded to the PSG for projects including the funding of data-mining studies where

Convening Experts to Study Common Scientific Problems

In addition to funding research directly, PDF frequently helps to facilitate and stimulate the strategy behind the research.

In February 2008, PDF brought together a group of doctors, patient advocates and clinical trial specialists to ponder a question that is crucial to advancing clinical research: namely, how to encourage community neurologists and other physicians to become engaged in clinical research. This includes talking with their patients about

*“With funding from PDF, we can conduct preliminary investigations that should **illuminate the potential of an exciting concept**: treating people who have Parkinson’s with their very own cells.”*

– Marina Emborg, M.D., Ph.D.
University of Wisconsin-Madison

researchers are able to pose a hypothesis and retrospectively “mine” 20 years of PD-related clinical trials information within a single PSG database. These data-mining projects serve as “idea incubators” that allow researchers to take crucial initial steps toward answering a scientific question that may warrant further investigation.

This was the case for a data-mining study conducted by Michael Schwarzschild, M.D., Ph.D., from Harvard Medical School/Massachusetts General Institute for Neurodegenerative Disease. His proposal supported the development of a national clinical trial studying inosine (a dietary supplement) and its ability to raise urate levels in people with early-stage PD. Urate is an antioxidant and high levels are associated with a decreased risk of developing PD.

clinical trials as well as serving as clinical study investigators.

Then in November, PDF convened a group of scientists who are interested in studying the impulse control disorders that frequently accompany the treatment of PD. Led by Mark Stacy, M.D., from Duke University, the interdisciplinary group of neurologists, psychiatrists and government experts reviewed the existing scientific data with a view to planning a clinical trial to test just how widespread and serious these disorders can be for a person with PD.

RESEARCH

Investments in EDUCATION

A top priority for PDF remains the dissemination of information about the disease to people with Parkinson's and their families. Total expenditures on education this past fiscal year totaled \$1.85 million, compared with \$1.3 million in the previous year.

PDWebcast: Educational Webcasts Examining the Current and Future Management of Parkinson's

In May 2008, PDF launched the first in a series of four educational symposia and webcasts entitled, *Parkinson's Science: Innovations and New Perspectives*. This series, conducted in collaboration with



Monique Giroux, M.D. discusses which factors make a person with PD a good candidate for deep brain stimulation at the PDWebcast in Spokane, WA.

independent Parkinson's organizations in Charlotte, NC, Lansing, MI, Spokane, WA and Houston, TX, has been viewed by almost 10,000 individuals around the world both in "real time," and later, on the web.

Topics included medical and surgical interventions for PD, exercise and other activities of self-empowerment, and the possibilities of such futuristic treatments as gene therapy and cell transplantation.

The faculty has included leading scientists, physicians, surgeons and healthcare professionals — all of whom specialize in Parkinson's disease. To view these webcasts, visit www.pdf.org/webcast.

PDF.org: A Centralized Resource for Information about Parkinson's

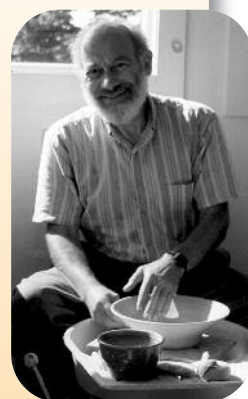
In early October, PDF relaunched a newly designed and reorganized version of its popular website, www.pdf.org. The site features news articles on the latest scientific discoveries, background on PDF-funded researchers, webcasts featuring presentations from leading researchers and samples of educational materials. The site also offers a new section called "Living with Parkinson's," that offers tips on managing symptoms, saving on medications, seeking out complementary therapies and getting involved in clinical research.

Additionally, the PDF website now incorporates the Creativity and Parkinson's Project, where visitors can browse a gallery of artwork — including paintings, drawings, photographs, poetry and sculpture — created by more than 240 people with Parkinson's disease.

FOCUS ON CREATIVITY

"Naturally, the pots that I make have been affected by PD. I have been forced to come up with creative solutions to extraordinary problems...or abandon pottery. Stopping was not an option. In the process, I find that this creativity has spilled over into the conceptual process. I feel that my work is better on the creative level because of the necessities of the technical level."

Stanley Wertheimer
Potter



Investments in EDUCATION

PINS: Answering the Community's Questions about Parkinson's

In 2008, PDF's Parkinson's Information Service (PINS) expanded its reach and served more than 6,000 individuals through a national toll-free helpline at (800) 457-6676 and the "Ask the Expert" feature on its website.

What questions are asked of PDF's trained information specialists? The three subjects most frequently discussed had to

PDtrials: Increasing Awareness of Parkinson's Clinical Studies

PDF also undertook a renovation of www.PDtrials.org, the website of the national clinical studies education and awareness campaign, in 2008. The site offers information about more than 60 clinical trials across the US that are currently enrolling participants. In addition, the site provides clinical research news, educational materials including a new checklist to help people prepare for clinical

*"Your helpline was **truly a most helpful resource** – on such a wide variety of subjects. I never expected to talk to one person who could explain historic and current treatments, explain research progress, and offer coping suggestions as well as other resources."*

– Joan K., Houston, TX
PINS Caller

do with (i) the diagnosis and treatment of PD; (ii) questions about specific medications; and (iii) issues related to the provision of medical care and support services.

Another common concern among PINS callers is the need for financial assistance. In 2008, with the help of a private gift, PDF established the Helen M. Lynch Direct Aid Fund of the Parkinson's Disease Foundation and the Melvin Weinstein Parkinson's Foundation to help individuals who meet certain eligibility requirements to take care of pressing financial needs, such as paying for a home health aide or a visiting nurse, and purchasing such medical equipment as wheelchairs, walkers and canes.

study participation, educational webinars and personal stories from people who have participated in trials. The entire website is available in English and in Spanish.

PDtrials is led by PDF in collaboration with the American Parkinson Disease Association, The Michael J. Fox Foundation for Parkinson's Research, the National Parkinson Foundation, the Parkinson's Action Network, The Parkinson Alliance and WE MOVE. The campaign is advised by the National Institute of Neurological Disorders and Stroke (National Institutes of Health), the Parkinson Study Group, the Parkinson Pipeline Project and The Parkinson's Institute and Clinical Center.

EDUCATION

Investments in **ADVOCACY**

Through its programs of public advocacy, PDF partners with others — people with Parkinson’s, industry, healthcare providers and government — to move the cause forward. These efforts accounted for \$475,000 this past fiscal year, compared to \$426,000 in the previous year.

US and Puerto Rico, gathered for two days in Glen Cove, New York to study the intricacies of clinical research. Experts from all sectors of the clinical research enterprise — including researchers, trial coordinators and industry representatives — served as faculty. The curriculum included seminars on such topics as the management of drug

*“PDF’s inaugural Clinical Research Learning Institute provided a **new level of knowledge and understanding** about the Parkinson’s clinical research process. It also brought home the essential role that people with PD can play in informing this process and the **value in connecting with others** who want to add their voice.”*

– Linda Morgan, R.Ph., M.B.A.
2008 Clinical Research Learning Institute Graduate

First Clinical Research Learning Institute

Recognizing that people with PD are critical partners in the clinical research process, PDF launched in July 2008 the first Clinical Research Learning Institute (CRLI)



Participants and faculty of the first Clinical Research Learning Institute gather outside of the Glen Cove Mansion in Glen Cove, NY.

to prepare a select group of people with Parkinson’s for that role.

This first “class” of 25 people with Parkinson’s, who hailed from around the

trials, the ethics of clinical research and the state of the pipeline for new PD treatments.

CRLI “graduates” are applying themselves in different ways to push the clinical research enterprise forward, whether by participating in local hospital research review boards, by speaking to local Parkinson’s support groups about the importance of research or by participating in clinical studies themselves.

Supporting Clinical Research Advocacy Projects Led by People with PD

Through its People with Parkinson’s Clinical Research Advocacy Initiative, PDF provides technical consulting and financial support to clinical research advocacy projects that are led by people with Parkinson’s.

In 2008, PDF worked in partnership with members of the Parkinson Pipeline Project and PDPlan4life — grassroots groups of people with Parkinson’s who provide their

unique perspective to the treatment development process — to create a checklist of questions to ask about participating in a clinical trial. This brochure is now being distributed through *PDtrials*, the clinical studies education and awareness campaign.

In addition, PDF partnered with people with Parkinson's throughout the year to deliver presentations on the importance of clinical research at Parkinson's conferences and events nationwide.

FOCUS ON A PPAC ADVOCATE

In spring 2006, PDF launched the People with Parkinson's Advisory Council (PPAC) to provide the patient perspective to its program development and priority setting.



Jo-Anne Lazarus, Ph.D., is Professor Emerita at the University of Wisconsin-Madison. She was formerly Professor of Kinesiology at the University and has more than 25 years of teaching and research experience in motor control and movement disorders. Dr. Lazarus's research combined with her own diagnosis of Parkinson's disease offers a unique perspective to the Parkinson's community. Since her diagnosis, Dr. Lazarus has been active in awareness-raising efforts by providing information, insight and support to people newly diagnosed with Parkinson's.

Jo-Anne Lazarus, Ph.D.
Professor and PPAC Member

Supporting PD Advocates Working on the Federal Level

In 2008, PDF's grant of \$200,000 to the Parkinson's Action Network (PAN), the unified voice of the PD community in Washington, DC, supported PAN advocates from all 50 states in their efforts to address Parkinson's-related issues on the Federal level.

In 2008, PAN helped to secure \$25 million for the Neurotoxin Exposure Treatment Parkinson's Research program of the US Department of Defense — a dramatic increase of 25 percent for the only federal research program that is dedicated specifically to PD.

In addition, in a mid-year supplemental appropriations bill, PAN advocates helped secure an additional \$150 million in 2008 funding for the US Food and Drug Administration (FDA) and an equivalent amount in additional funding for the NIH. The increased FDA funding helped provide needed resources to improve the safety and speed with which the agency reviewed potential new treatments for Parkinson's and other diseases and the NIH money funded 700 additional research grants.

In addition to working to increase funding for research, PAN advocates worked for the passage of the Genetic Information Non-Discrimination Act which took place in May 2008. This law prohibits people from suffering discrimination on the basis of their genetic makeup.

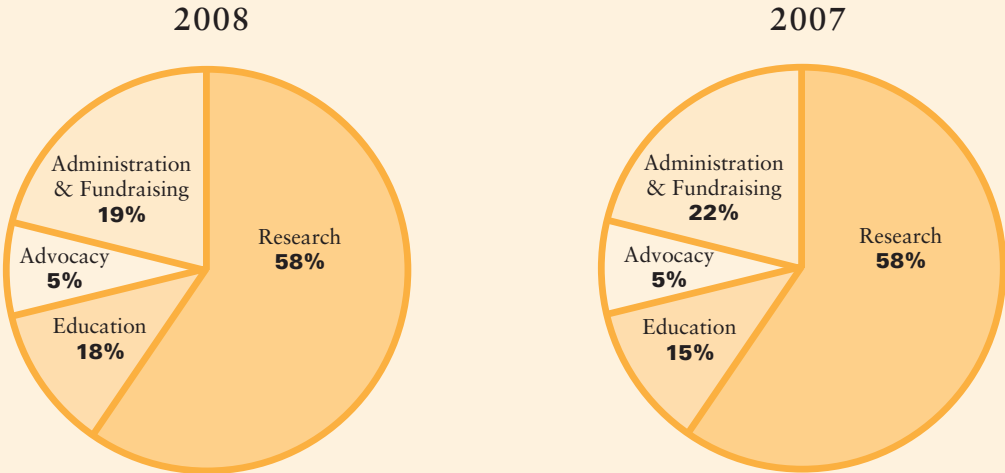
ADVOCACY

Financial REPORTS

Statement of Financial Position

	June 30	
	2008	2007
Assets		
Cash and cash equivalents	\$4,717,558	\$1,610,528
Contributions and other receivables	99,234	230,708
Other current assets	70,689	199,855
Investments, at fair value	12,621,826	12,530,714
Fixed assets, net	515,787	594,687
Other noncurrent assets	326,331	361,331
Investments — restricted as to use	<u>320,466</u>	<u>407,189</u>
Total assets	<u>\$18,671,891</u>	<u>\$15,935,012</u>
Liabilities and net assets		
Accounts payable and accrued expenses	\$810,680	\$858,727
Grants payable	1,484,622	1,004,119
Deferred compensation plan	<u>320,466</u>	<u>407,189</u>
Total liabilities	2,615,768	2,270,035
Net assets		
Unrestricted	14,273,908	12,617,189
Temporarily restricted	<u>1,782,215</u>	<u>1,047,788</u>
Total net assets	<u>16,056,123</u>	<u>13,664,977</u>
Total liabilities and net assets	<u>\$18,671,891</u>	<u>\$15,935,012</u>

HOW Our Funds Were Spent



Statement of Activities

	Year ended June 30, 2008			Year ended June 30, 2007		
	Unrestricted	Temporarily Restricted	Total	Unrestricted	Temporarily Restricted	Total
Operating support and revenue:						
Contributions	\$ 4,989,207	\$1,178,996	\$6,168,203	\$3,892,541	\$288,926	\$4,181,467
Bequests	7,026,187	-	7,026,187	4,139,070	-	4,139,070
Special events	917,312	-	917,312	1,017,517	-	1,017,517
Direct benefit to donor costs	(451,564)	-	(451,564)	(314,585)	-	(314,585)
Net special events revenue	465,748	-	465,748	702,932	-	702,932
Investment income	(961,443)	-	(961,443)	1,519,851	-	1,519,851
Net assets released from restrictions	444,569	(444,569)	-	293,330	(293,330)	-
Total operating support and revenue and reclassifications	11,964,268	734,427	12,698,695	10,547,724	(4,404)	10,543,320
Operating expenses:						
Program services:						
Research	5,961,509	-	5,961,509	4,921,573	-	4,921,573
Public information/patient information and referral services	2,327,566	-	2,327,566	1,742,344	-	1,742,344
Total program services	8,289,075	-	8,289,075	6,663,917	-	6,663,917
Supporting services:						
Management and general	576,549	-	576,549	627,387	-	627,387
Fundraising	1,441,925	-	1,441,925	1,242,025	-	1,242,025
Total supporting services	2,018,474	-	2,018,474	1,869,412	-	1,869,412
Total operating expenses	10,307,549	-	10,307,549	8,533,329	-	8,533,329
Change in net assets	1,656,719	734,427	2,391,146	2,014,395	(4,404)	2,009,991
Net assets, beginning of year	12,617,189	1,047,788	13,664,977	10,602,794	1,052,192	11,654,986
Net assets, end of year	<u>\$14,273,908</u>	<u>\$1,782,215</u>	<u>\$16,056,123</u>	<u>\$12,617,189</u>	<u>\$1,047,788</u>	<u>\$13,664,977</u>

In recognition of the integrity of its programs and finances, the Parkinson's Disease Foundation has been awarded the Wise Giving Alliance of the Better Business Bureau (BBB) Charity Seal of Approval.

FINANCIALS

Bal du Printemps

On May 14, 2008, PDF welcomed 450 guests to its annual gala, *Bal du Printemps*, at The Pierre Hotel in New York City.

The event — led by Honorary Co-Chairs, Page Morton Black, Amy Goldman and Judith Sulzberger, M.D.; Co-Chairs, Karen Burke Goulandriss, M.D., Ph.D., and Isobel Robins Konecky; and Auction Chair, Arlene Levine — highlighted the theme of “creativity in Parkinson’s.”

The theme reflects both an expression of the talent and imagination in the PD community and recognition of creative work as a form of therapy for people who live with this disease. It was exemplified in the choice of Oliver Sacks, M.D., F.R.C.P., — the author of *Awakenings* and most recently *Musicophilia* — to receive the Isobel Robins Konecky Creativity Award. It was also reflected in the displays of numerous and varied works of art created by people with Parkinson’s disease.

The evening featured two other award presentations: the Page and William Black Humanitarian Award, to long-time supporters Mel and Carol Taub and their family; and the Lifetime Achievement Award, to Lewis P. Rowland, M.D., the academic leader who was responsible for building the Neurological Institute at Columbia University into the academic powerhouse it is today. Dr. Rowland has served as president of PDF for more than 35 years.

The event brought in a record breaking \$887,000 for PDF’s research programs.



Celebrate Spring!

On April 3, 2008, more than 500 party-goers joined PDF and the Young New Yorkers for the Fight Against Parkinson’s at Cipriani 23rd Street in New York City for its first *Celebrate Spring!* event, an evening that included cocktails and dancing.

The event was the creation of G. Pennington Egbert III, his sister Missy Egbert Sheehan, and their close friend Georgina B. Schaeffer.

Both of their fathers lived with Parkinson’s disease and Georgina’s mother was formerly a member of the PDF Board of Directors. The three joined together to create the Young New Yorkers for the Fight Against Parkinson’s committee — a group of nearly 100 New Yorkers dedicated to advancing a cure for Parkinson’s.

Celebrate Spring! raised close to \$100,000 for Parkinson’s genetics research projects that have been identified by Lucien Côté, M.D., of Columbia University and directed by Karen Marder, M.D., of Columbia University.

CELEBRATE
Spring

PDF Champions *in Action!*

PDF Champions are the dedicated people with Parkinson's, their friends, family and colleagues who give their time and energy to raise funds for PDF programs through marathons, golf tournaments, bake sales and other creative events throughout the US. In 2008, PDF Champions raised over \$160,000!

Amtrak Conductor Raises Funds for PDF

As an Amtrak conductor for 18 years, Chris Waugh met people from all walks of life.

Two years ago, Chris met Tina Lutz, a regular passenger on the Amtrak route from Kingston, RI to New Haven, CT and owner of the fashion design company, Lutz & Patmos. Over time, the two discussed their lives, careers and families — including stories about Chris's father, who lives with Parkinson's and the celebrity guest designer program that Tina runs at Lutz & Patmos.

As Tina and Chris talked one day, Chris quipped half-jokingly, "If you're looking for a guest designer, I'm here, ready, willing and able." Little did he know that Tina would take him seriously and would sign him up to be the next guest designer!

What started out as a casual conversation became a reality. Chris's cashmere, hooded sweater became available in stores nationwide in October 2008, with \$20 of each purchased item supporting PDF.



The Second Annual Zwick Pro-Am

On August 13, 2008, family and friends of Lenny Zwick gathered at The Farms Country Club in Wallingford, CT, for the Second Annual Zwick Pro-Am, a golf tournament designed to raise funds for PDF.

Attendees honored their friend Lenny Zwick, who had passed away a month earlier.

Mr. Zwick, who lived with Parkinson's disease for 25 years, had been a member of the Club for over 30

years. The 2008 Zwick Pro-Am raised over \$80,000 for PDF's research, education and advocacy programs.

Karen and Brian: 13.1 Miles for Mom

As Karen and Brian Staron prepared to run their first half-marathon in Chicago in honor of Karen's mother LaVerne, they knew it would be a challenge. For Karen who has watched her mom live with Parkinson's disease for over 25 years, the training was "nothing compared to the challenges that my mom faces daily, and has faced for almost my whole life."

By the time Karen and Brian completed the race in May 2008, they had raised an impressive \$2,626 for PDF's research programs — more than double their original goal!

EVENTS

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