

With your help ...

HOPE

HAPPENS

for Neurological Disorders

An Enormous Need for Cures

Disorders of the nervous system are the most common causes of disability of people of all ages. 50 million American have a permanent neurological disability that limits their daily activity and may be fatal. These are some of the most difficult disorders to treat and most expensive in terms of their cost to society.

Are Cures Possible? *Hope Happens and the researchers we support believe they are. Here's why.*

We Fast-Track Cures by

- Promoting public awareness of the need for cures and the possibility of achieving them.
- Funding innovative disease-focused research without the years-long delay typical for NIH funding.
- Providing an infrastructure for research that promotes collaboration across disciplines and disorders.
- Providing state-of-the-art core resources and technical expertise so that basic scientific discoveries can be rapidly tested and translated into cures.
- Training the next generation of scientists and speeding the dissemination of information about neurological disorders through the research community.

Our Programs

- Promote awareness of the need for cures and the prospect of achieving them through collaborative, translational research.
- Support collegial communications and collaboration among scientists at the Hope Center and elsewhere.
- Fund promising pilot projects in translational research.

Our Vision – Dramatic Breakthroughs

Our founder Chris Hobler believed that, if scientists would work together sharing information and facilities, discoveries about one neurological disorder could lead to treatments and cures for others. After only three years, his vision is becoming a reality. The Hope Center model of doing research now gives us the opportunity to translate discoveries from the world of basic science into real treatments and cures for people with brain and spinal cord disorders.

Our Mission

To improve the lives of people with neurodegenerative disorders by promoting collaborative, translational research with the potential to fast-track new treatments and cures.

Each day, 7,650 Americans are diagnosed with a nerve-killing disorder

2½ times the number that are diagnosed with cancer

- 1 person is diagnosed with a prion disease.
- 4 people are diagnosed with Huntington's disease.
- 14 adults receive a death sentence when diagnosed with ALS.
- 22 babies are born with cerebral palsy.
- 27 people learn they have multiple sclerosis.
- 36 suffer a spinal cord injury, including 6 who die of their injuries.
- 357 children are diagnosed with epilepsy.
- 380 people learn they have Parkinson's.
- 961 learn they will lose their identity to Alzheimer's.
- 2,000 suffer a stroke.
- 3,846 receive brain injuries, including 2,747 children, -- 220 suffer permanent damage and 137 die each day.

Chris Hobler, founder Hope Happens



Hope Center researchers have made benchmark breakthroughs showing great promise for cures, including

- Evidence that certain types of nerve damage caused by Alzheimer's disease can be undone, suggesting that some symptoms of the disease may be reversible.
- A gene therapy that slows or stops progression of Parkinson's disease in pre-clinical trials that recently made its way to clinical trials.
- Identification of a protein that delays the breakdown of axons, the part of the brain cell that broadcasts nerve impulses to other neurons. Axonal degeneration is related to ALS, Alzheimer's and multiple sclerosis.

About the Hope Center for Neurological Disorders

A collaboration of the Washington University School of Medicine and Hope Happens, the Hope Center for Neurological Disorders was established in January 2005. Since it opened, it has expanded to 74 labs and almost 500 researchers from 17 departments.

Why support medical research?

Medical research has four phases: basic scientific discovery, translating discoveries into potential cures, pre-clinical experiments and clinical trials. Over the past five years, funding for research by the National Institute of Health (NIH) has declined by \$2 billion. In fact, only 8 percent of approved projects are now funded, and most of these involve basic research or clinical trials. Research designed to translate basic scientific discoveries into valid clinical treatments for patients—often called “translational research”—is tragically under-funded by the NIH. As a result, it takes years and sometimes decades for basic scientific discoveries to make their way to clinical trials with people. That's why philanthropic support is essential.

Our donors believe

Hope Happens provides the opportunity to maximize their donations by supporting a unique model of research designed to fast-track cures through collaborative translational research.

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2007 Financial Summary

Revenue	
Contributions	\$557,317
Events	174,141
Investments	\$8,498
Miscellaneous	\$124
Total Revenues	\$740,080
Expenses	
Program: Hope Center Collaboration	\$500,000
Program: Hope Education	\$36,153
Administrative	\$77,774
Fundraising	\$133,917
Total Expenses	\$747,844
Net Income (Loss)	(\$7,764)
Fund Balance 12/31/07	\$121,551

For more information:

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