BUILDING FOR
CARE
SEARCHING FOR
CURES

A BOLD VISION FOR ST. LOUIS CHILDREN'S HOSPITAL

Children's
HOSPITAL • ST. LOUIS
BJC HealthCare™

Dear Friend,

St. Louis Children's Hospital is launching one of the most significant efforts for children you will see in your lifetime.

The following information is presented to help you understand the hospital's vision for the future. A future in which medical textbooks list today's common childhood diseases as "cured." A future where thousands more children are born with an equal chance for a healthy, productive life.

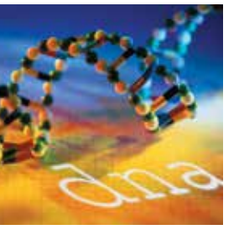
Our vision will create an expanded facility to treat children who need our services, while we focus intensely on curing diseases that affect large numbers of children throughout the world—and right here in St. Louis.

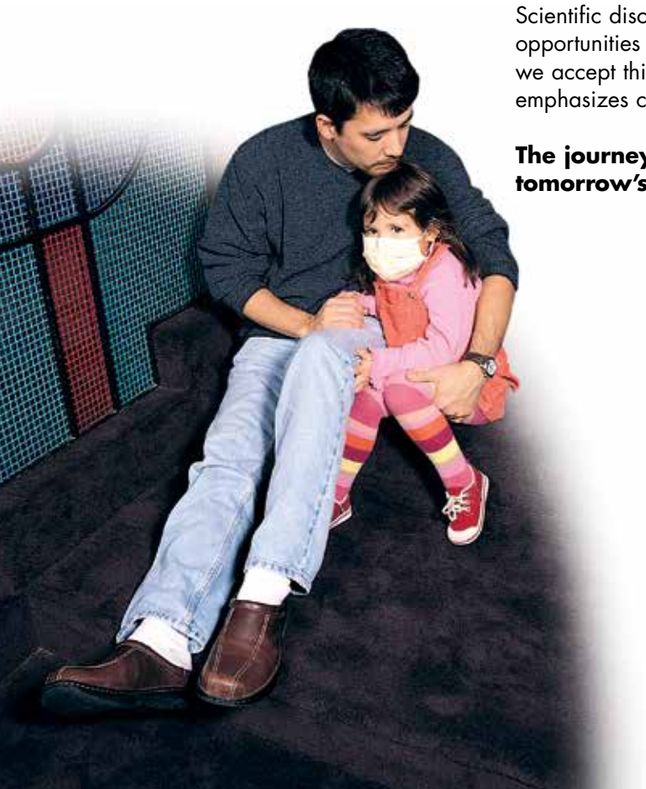
We invite you to read this brochure and learn more about our vision. To achieve this important objective, St. Louis Children's Hospital has embarked on the most ambitious fund-raising campaign in its history. If you have any questions regarding the vision or the campaign, please don't hesitate to contact us personally.

Warm Regards,

C.W. Mueller
Campaign Co-Chair

Douglas A. Albrecht
Campaign Co-Chair





Beyond Caring to Curing

Do you remember mumps? Whooping cough? Diphtheria? Polio? For centuries, these debilitating illnesses threatened children and their families, until scientists and physicians collaborated to make these diseases a distant memory.

Today, the great killers and cripplers of young children include congenital heart defects, cancer, lung disease and diseases of the muscles and bones. One out of every 20 babies in America is born with a serious defect that may result in long-term hospitalization, one or more surgeries, a lifetime of medication or even death.

Nevertheless, there is hope. With the recent unraveling of the human genetic code, we have new tools to learn what causes diseases. We have the potential not just to treat children with diseases, but to prevent children from developing diseases. By the time today's newborns are parents and grandparents, we can rid our society of childhood diseases that deform, debilitate and kill.

At St. Louis Children's Hospital, we are committed to creating a world where caring coexists with curing, where it's the disease that's vulnerable, not the child. We are further committed to expanding our facilities and our capacity to ensure that no child has to wait for essential medical care.

Scientific discovery has opened the door to even greater opportunities to help our children. It is imperative that we accept this challenge and pursue a bold vision that emphasizes curing as well as caring.

The journey to discover tomorrow's cures begins today.

> **"We have an opportunity to approach pediatric and ultimately adult diseases, as never before."**
>
> Alan L. Schwartz, Ph.D., M.D.,
> Pediatrician-in-Chief, St. Louis
> Children's Hospital and Chairman,
> Department of Pediatrics,Washington
> University School of Medicine

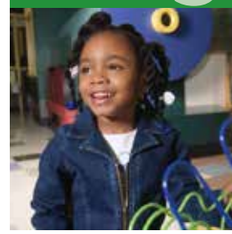
More Than Help...Hope

Since 1879, St. Louis Children's Hospital has been a beacon of hope, a place where children and families have come for the very best in pediatric health care.

But providing world-class treatment for young children is no longer enough. We must reorient our research programs to learn what causes these diseases. With the right vision, the right approach and the right resources, researchers could make major breakthroughs in curing childhood heart problems, cancer, lung disorders and musculoskeletal diseases.

St. Louis Children's Hospital, working closely with the Washington University School of Medicine, is poised to take a bold step that will change the way pediatric research is conducted. Our goal is to accelerate progress toward cures of the most deadly childhood diseases, so that cures can be achieved within 10 to 20 years, not 50 years from now. We can discover how to prevent tragedies. We can make transplants, long hospital stays and lifelong treatment unnecessary.

We will find these answers through
The Children's Discovery Institute.

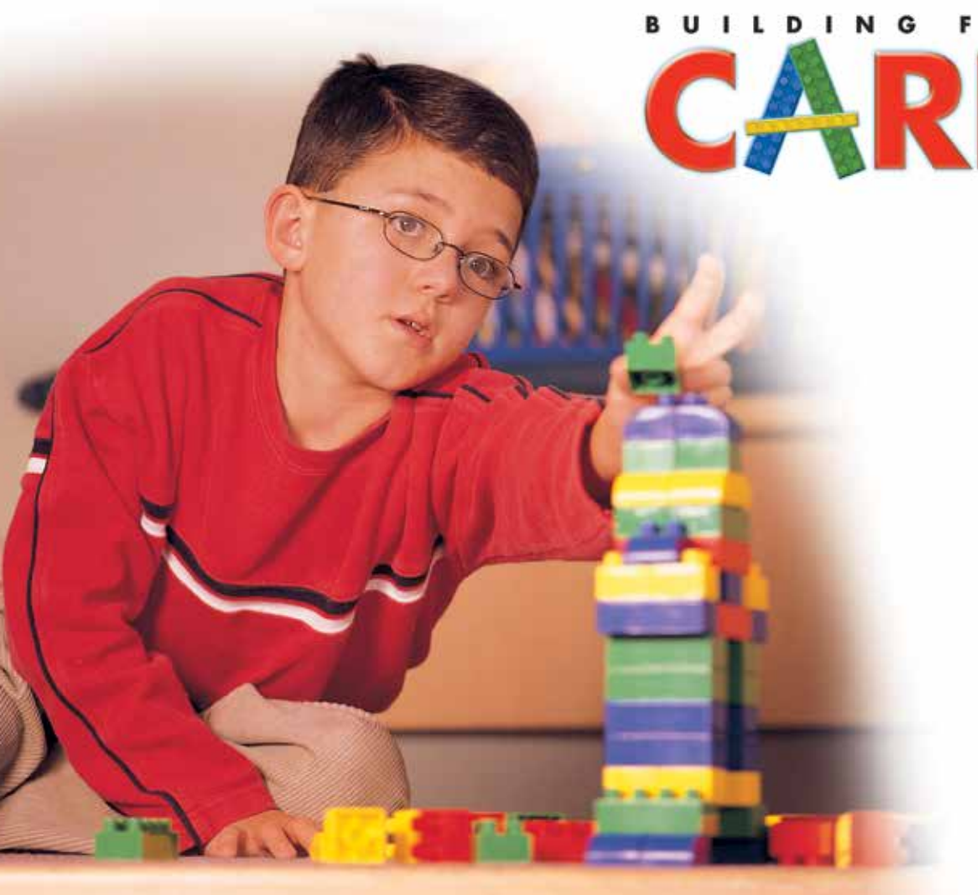


The Expansion of St. Louis Children's Hospital: Building for Care

The reputation of St. Louis Children's Hospital for outstanding care and unsurpassed excellence has stretched our ability to meet the growing demand for our services. We currently have more than 225,000 patient visits each year at our 235-bed facility. We provide more than $3 million in free care each year to those families who cannot afford to pay for the services their children need.

With the innovations expected from *The Children's Discovery Institute*, the number of children who need this hospital will increase even more in the years ahead.

The kind of care kids receive at St. Louis Children's Hospital is simply world-class. The demand for our services will soon outgrow the size of our facilities. We must grow—not only for today, but for tomorrow.



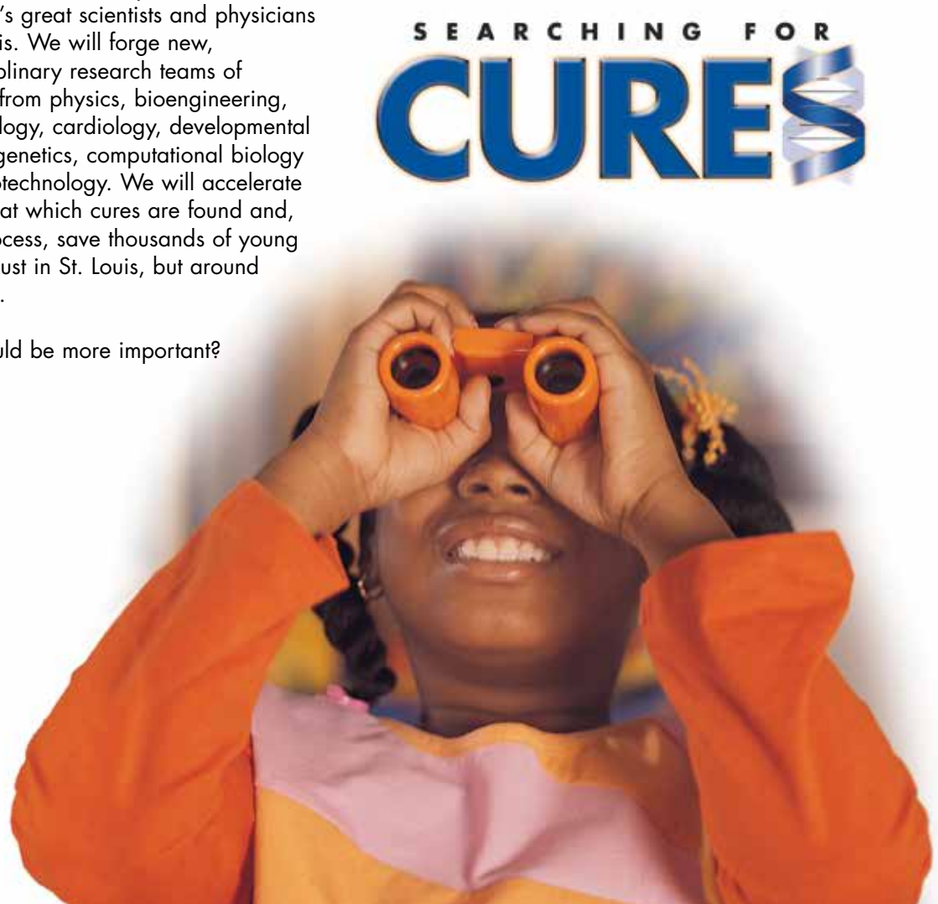
The Children's Discovery Institute at St. Louis Children's Hospital: Searching for Cures

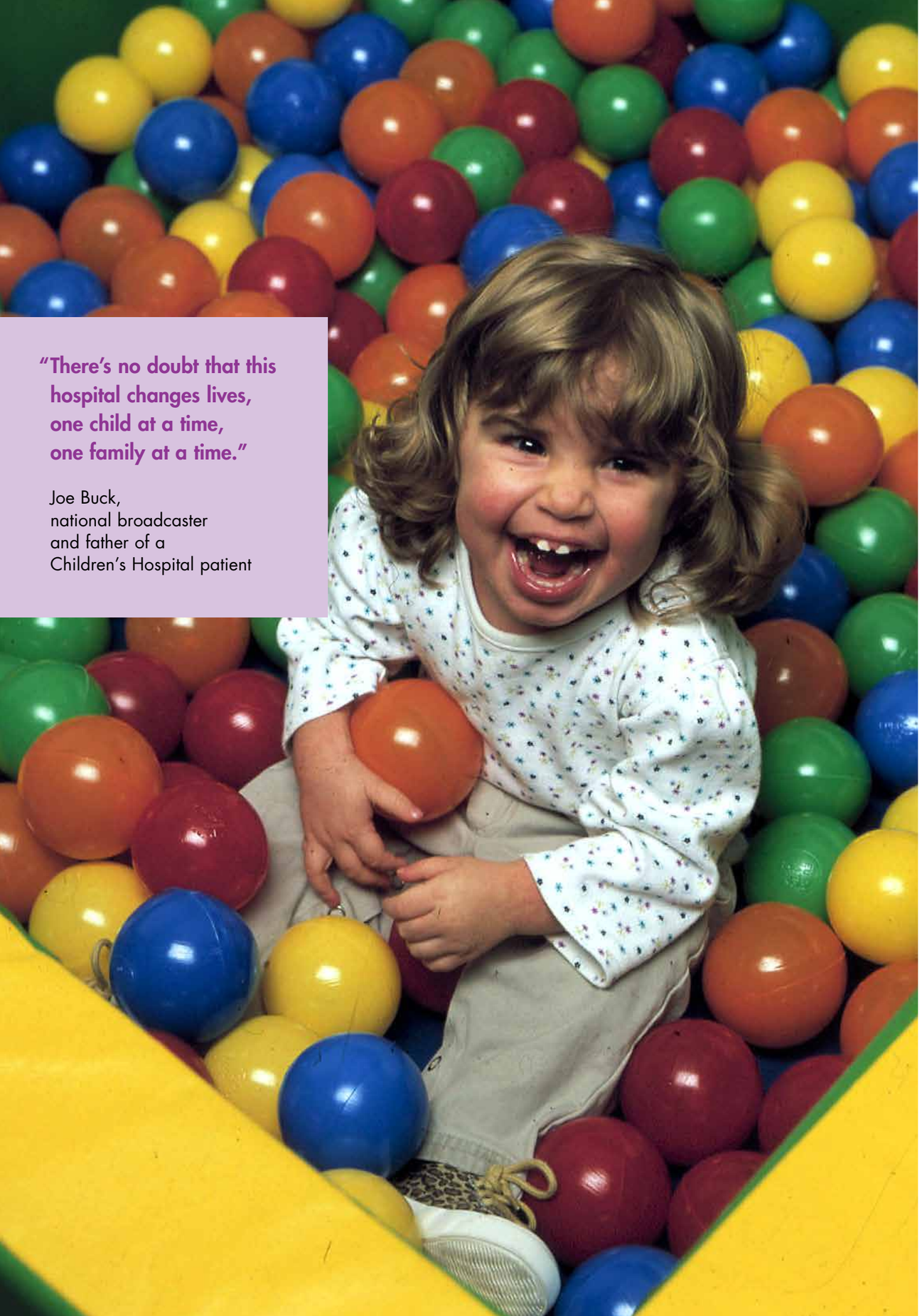
The Children's Discovery Institute at St. Louis Children's Hospital will be a world-class center of pediatric research and innovation. It will focus tremendous research, diagnostic and treatment resources on the most deadly and crippling diseases that threaten children today.

The Institute represents a commitment to the very best in caring and in the scientific advancement of pediatric medicine. It will enable us to leverage the vast intellectual and physical resources of Washington University School of Medicine to take advantage of new discoveries in genomics and cell and molecular biology, and combine them with robust technologies in computers and nanotechnology. It will provide the means to reorient the scientific enterprise and use our growing body of knowledge to advance the health of our children.

The Children's Discovery Institute will attract the world's great scientists and physicians to St. Louis. We will forge new, interdisciplinary research teams of scientists from physics, bioengineering, epidemiology, cardiology, developmental biology, genetics, computational biology and nanotechnology. We will accelerate the pace at which cures are found and, in the process, save thousands of young lives not just in St. Louis, but around the world.

What could be more important?





"There's no doubt that this hospital changes lives, one child at a time, one family at a time."

Joe Buck,
national broadcaster
and father of a
Children's Hospital patient

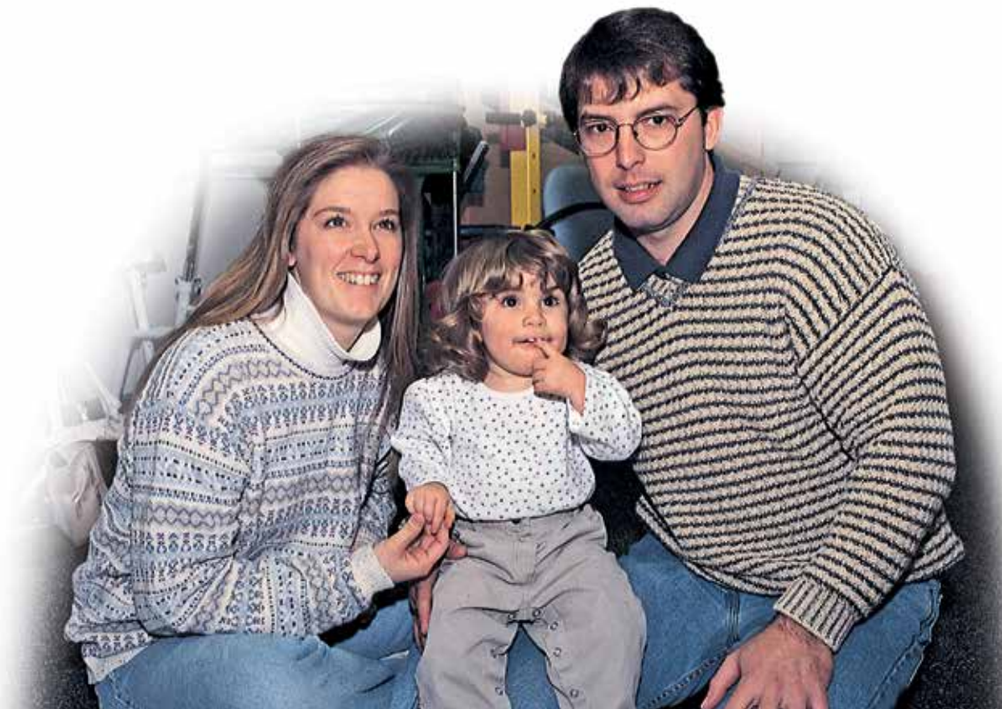
Changing the Future of a Child

Samantha was born with a life-threatening lung disorder. When she was just five weeks old, she was diagnosed with a rare condition that caused the air sacs in her lungs to fill with fluid. Her doctors recommended a double-lung transplant, so the family traveled from their home in Silver Springs, Maryland to St. Louis Children's Hospital, which has the most active pediatric lung transplant program in the country.

After five weeks of waiting, a set of lungs became available and Samantha received the transplant. Today, she is a smart, energetic and vocal little girl who loves participating in gymnastics.

Samantha's lung transplant was undeniably a medical marvel that saved her life. But she still faces a lifetime of anti-rejection drugs and follow-up care. And, we must remember that for each child like Samantha who receives a transplant, many others die waiting for suitable organs.

At St. Louis Children's Hospital, we must strive for a better alternative for these children. The time has come for us to save even more lives by finding ways to prevent these diseases from ever happening.



The Expansion of St. Louis Children's Hospital: Building for Care

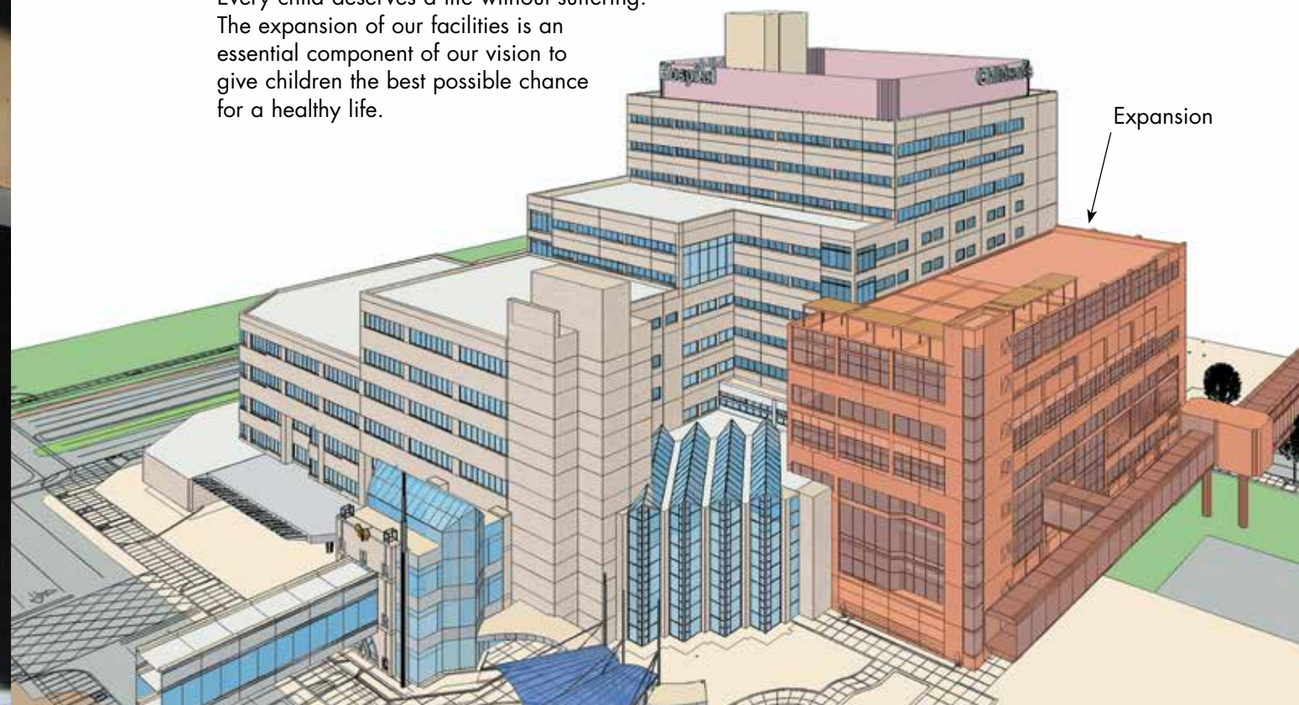
Our vision includes a significant expansion of our hospital facilities to match the recent demand for our services and prepare for even greater demands in the future. It will ensure that every child who needs our services has access to them.

The expansion will add approximately 125,000 square feet of space for some of our most critical services. It will enable us to:

- Expand our Neonatal Intensive Care Unit from 52 beds to 75.
- Increase our Pediatric Intensive Care Unit from 28 to 34 beds.
- Construct a larger therapy gym to meet ever-increasing demand for these types of services.
- Add four additional surgical suites, increasing our surgery capacity by 40 percent.
- Provide 80 percent of our patients with private rooms.

The impact of this expansion will be immeasurable. We will be able to treat and save hundreds more young lives than is possible today. With parents able to spend the night with their children, patients will have less trauma, their recuperations will be faster and they'll go home sooner.

Every child deserves a life without suffering. The expansion of our facilities is an essential component of our vision to give children the best possible chance for a healthy life.



The Need: $26.6 million

Children's Center for Congenital Heart Disease

Heart disease in newborn infants and young children is one of the most common, serious and life-threatening illnesses confronting families. In the U.S. alone, more than 25,000 babies are born each year with a congenital heart defect—seven times the rate of those born with Down Syndrome. These defects often require many surgeries, a lifetime of medications and various preventive measures to keep the heart working.

Tremendous hope for curing abnormal heart defects in the future comes from recent studies showing great strides in preventing the devastating effects of neural tube defects. Scientists are learning more about the mechanisms of the heart every day and are beginning to develop preventive measures with positive results.

The ultimate outcome will likely change the entire future of congenital heart disease in childhood. The various clinical and research facets of this exciting new program are intended to substantially improve diagnosis, treatment and, ultimately, prevention of these diseases, providing breathtaking new approaches for the cure of those defects that are now fatal. Utilizing state-of-the-art clinical methodology and cutting-edge research in tissue regeneration and human genomics, the physicians recruited will develop a program at St. Louis Children's Hospital that will lead the world in the care of children with heart disease.

"Imagine if we could analyze a woman's blood in the first weeks of pregnancy and learn whether the fetus will develop an abnormal heart. Then imagine if we could intervene as early as possible to prevent this condition or repair abnormalities. This is the kind of breakthrough we can make at the Institute."

Jonathan Gitlin, M.D., Director, Divisions of Immunology/Rheumatology and Genetics, St. Louis Children's Hospital

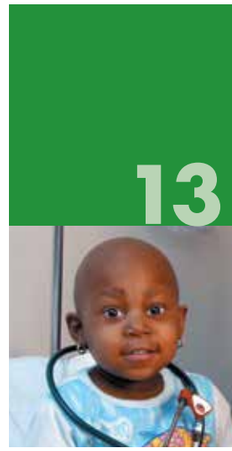
Children's Cancer Center

The Need: $33.7 million

Cancerous brain tumors are the second most common childhood malignancy and the most common solid tumor among children. More than 3,000 new cases of childhood brain tumors are diagnosed each year, mostly in infants and toddlers. Unlike many other cancers where the cure rates have improved significantly in recent years, most brain tumors still have a dismal prognosis with an almost uniformly fatal outcome. Those who do survive the aggressive surgeries, radiation and chemotherapy treatments often are left with severe handicaps, learning disabilities or hearing and vision losses.

The Children's Cancer Center will conduct both clinical and research programs designed to identify key genetic features and the biological nature of different tumor groups, which will lead to improved diagnostics and therapies. The goal of the Pediatric Brain Tumor program is to develop treatment strategies that will extend the lives of, or even cure, children with brain tumors. In addition, the program will focus on minimizing the effects of cancer therapies on the growing body and discovering ways to optimize the quality of life as these children progress into adulthood.

Within 10 years, the Children's Cancer Center is expected to have a significant impact on the cure rate of children with brain tumors and the quality of life of those who are cured. Longer term, the Center will be able to develop customized therapies specific to each child that will accelerate recovery of the injured brain and foster dramatic improvement among children treated for brain tumors.



The Need: $38.4 million

Children's Center for Lung and Respiratory Disorders

Despite tremendous medical and scientific advances over the past two decades, the frequency of breathing problems at birth and during the first five years of life has increased at epidemic rates. The number of children with asthma has risen 150 percent in the past 20 years. Lung problems are one of the leading causes of infant deaths, especially among children with low birth weights. It is a problem that affects children from all ethnic and socioeconomic groups, both locally and around the world.

The goal of the Children's Center for Lung and Respiratory Disorders is to prevent these respiratory problems in infants and young children. Initial priority will be given to improving treatment of lung diseases in children. Within five years, the Center will identify specific genes and developmental mechanisms that contribute to the risk of breathing problems in children. Within 10 years, diagnostic tools and risk reduction programs should be available. Within 20 years, gene replacement, pharmacological manipulation or developmental reprogramming of cells or genes should be possible to eliminate childhood diseases and mortality due to lung disorders.

"The recent availability of the Human Genome Project's complete genome sequence provides us with an extraordinary opportunity to identify specific genes that cause babies to develop certain disorders."

F. Sessions Cole, M.D., Director,
Division of Newborn Medicine,
St. Louis Children's Hospital

The Need: $21 million

Children's Center for Musculoskeletal Diseases

Musculoskeletal Diseases, or bone and joint disorders, are among the most common and painful illnesses impacting society today. More than 35 million Americans—one in seven people—experience restricted movement caused by a musculoskeletal disease. Scoliosis, or curvature of the spine, affects five percent of the general population and can lead to restricted lung capacity and heart failure. Clubfoot occurs in one in 1,000 Americans, causing significant pain and long-term complications to walking and proper growth. The annual healthcare and related costs of musculoskeletal conditions in the U.S. are estimated at more than $254 billion.

However, there is good news. Recent advances in the Human Genome Project have led to the discovery of many disease-causing genes and may soon enable us to change the way these disorders are treated and eventually prevent them altogether. The Children's Center for Musculoskeletal Diseases will accelerate research through the development of an international DNA databank for pediatric musculoskeletal disorders. The Center will be the premier international site for the collection and study of DNA from inherited musculoskeletal conditions. This databank will enable scientists to isolate the genes responsible for various musculoskeletal diseases and develop appropriate therapies and preventive measures within the next decade.

For children currently afflicted with musculoskeletal diseases, simple activities such as riding a bicycle or even walking can be difficult or impossible. The Children's Center for Musculoskeletal Diseases will help the next generation of children achieve a more normal and pain-free life.

Leveraging Our Creative Capital

The Children's Discovery Institute can only happen in St. Louis.

Nowhere else does one of the nation's finest children's hospitals work so closely with one of the nation's finest medical schools. Washington University School of Medicine has a research staff of 4,000. They are expert in both basic and clinical research and in every discipline from biological to translational research. Washington University School of Medicine also houses the Genome Sequencing Center, one of the three leading centers in the world that is deciphering the genetic code.

St. Louis Children's Hospital serves almost *twice* as many children as any other hospital in the St. Louis region. We see patients from every state and 48 other countries. We have a long history of medical innovation, from being *the first hospital* in the United States to administer insulin in diabetic children to being the first to perform pediatric lung transplants. We are ranked *sixth* in the nation by *Child* magazine and listed among "America's Best Pediatric Hospitals" by *U.S. News & World Report.*

Nowhere else does such a combination of facilities, expertise and vision exist. Together, these world-class institutions will take the hospital to an entirely different level of achievement in pediatric medicine.

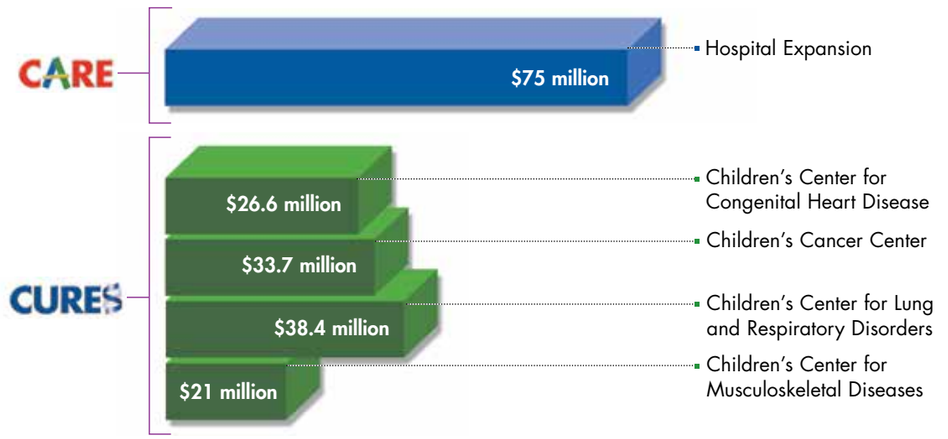
"With a consistent history of financial stability, and a staff and board totally committed to this cause, we are confident that we can achieve our goal and realize this vision of caring and curing.

Lee Fetter, President and
Senior Executive Officer,
St. Louis Children's Hospital

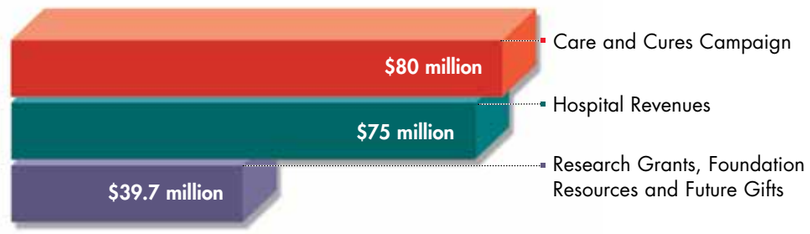
Setting the Standard for Caring and Curing

Substantial resources will be required to fully implement our vision for *The Children's Discovery Institute* and the expansion of our hospital. Specifically, the funds will be used as follows:

The Initiative—Total $194.7 million



Funding Resources—Total $194.7 million



No Dream is Too Big for A Child

Advances in modern medicine may seem like something out of science fiction. But with the new tools we have today, major breakthroughs are entirely possible.

Within 5 to 10 years, we can understand the causes of serious childhood diseases.

Within 10 to 20 years, some of the worst diseases can be defeated.

Our doctors will be able to diagnose heart malformations in the first two weeks of life, in utero. Our researchers will understand the genetic anomalies that lead to lung disorders. Our surgeons will have new approaches that can make a child's life productive and pain-free.

We can diagnose, prevent and even cure these diseases. We have the vision and the tools. All we need is the courage and commitment to accept this bold challenge. We owe it to our children to pursue this achievement.

Nothing can be more critical than finding these cures. With your help, we will save children's lives.

St. Louis Children's Hospital

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