



ALZHEIMER'S DISEASE
Neurological Disorders
CANCER
heart disease and stroke
pediatric illnesses & birth defects
infectious diseases
immunology and
bioterrorism defense
basic molecular research
biostatistics
computational biology
medical imaging, and BIOTECHNOLOGY

INNOVATIONS IN MEDICINE

UT SOUTHWESTERN'S OPPORTUNITY TO
SHAPE THE WORLD OF MEDICAL SCIENCE

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS IS POISED TO LEAD the way in a new era of scientific discovery with its ambitious \$450 million *Innovations in Medicine* campaign.

In partnership with the private sector, it can build on the state of Texas' commitment to medical research and technological advancement and seize the opportunity to be at the pinnacle of international medical science and clinical care.

"For UT Southwestern to remain in the forefront of the medical revolution, we must continue expanding the depth and breadth of our research and clinical programs," said UT Southwestern President Dr. Kern Wildenthal. "Our faculty leaders are focused on ensuring that new genetic and molecular discoveries are rapidly applied to the practice of medicine and that the clinical services received by our patients are second-to-none."



“I AGREED TO CHAIR THE COMMITTEE BECAUSE I BELIEVE SO STRONGLY IN THE QUALITY AND DIRECTION OF UT SOUTHWESTERN AND IN THE IMPORTANCE OF THIS CAMPAIGN IN TAKING UT SOUTHWESTERN TO THE NEXT LEVEL.”

— William T. Solomon

“THE CAMPAIGN

is off to an exceptionally strong start with a significant number of major lead gifts during the ‘quiet phase’ of the effort,” Wildenthal continued.

Major gifts early in the campaign included four donations totaling more than \$64 million: a \$25 million distribution from a trust established by Bulan M. Luse; \$20 million from the Howard Hughes Medical Institute; \$11.7 million from the Harry S. Moss Trust for the Prevention and Cure of Heart Disease; and \$7.5 million from Deborah and W.A. “Tex” Moncrief Jr.

William T. Solomon, chairman of Austin Industries, is leading more than 100 prominent civic and business leaders who have volunteered to serve on the campaign’s leadership council.

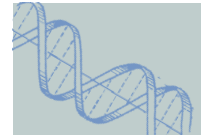
“I agreed to chair the committee because I believe so strongly in the quality and direction of UT Southwestern and in the importance of this campaign in taking UT Southwestern to the next level,” said Solomon, who has been on the board of Southwestern Medical Foundation since 1981.

“Serving on the Foundation’s board has better enabled me to track the progress of UT Southwestern and to be able to appreciate the results the scientists and researchers there have attained,” he said.

Physicians and researchers around the world have been given the blueprint for human life with the completion of the Human Genome Project. Genetic discoveries are yielding new insights into diseases — both common and rare — that afflict millions. Biotechnology — the use of basic-science breakthroughs to create new and better treatments and diagnostic tools — will be a major economic growth area in the future, predicts Wildenthal.

Most of the funds raised in the campaign will be directed toward endowments and project support for research on major diseases, for which breakthroughs are probable over the next few years and decades, and for enhancement of clinical care programs.

The following areas are included among the campaign priorities:



ALZHEIMER’S AND OTHER NEUROLOGICAL DISORDERS. Researchers at UT Southwestern are making significant strides in understanding Alzheimer’s. They are also unlocking the mysteries of Parkinson’s, epilepsy, visual and hearing disorders, and paralyzing afflictions such as multiple sclerosis, muscular dystrophy, ALS (Lou Gehrig’s disease) and spinal injury. Discoveries about genetic and molecular control of brain-cell function are revealing the underlying causes of many neurological diseases, including mental illnesses and substance abuse.

CANCER. UT Southwestern is a leader in research and treatment for a variety of cancers — breast, prostate, lung, ovarian, intestinal, skin and brain, as well as leukemia, lymphomas and pediatric malignancies. New ways to predict genetic susceptibility are being developed, and fresh insights on the regulation of cell division and programmed cell death are providing novel approaches for treatment.

HEART DISEASE AND STROKE. Today, the world’s most advanced research endeavor on the underlying causes of heart attacks, heart failure, high blood pressure and stroke is based at UT Southwestern. The Dallas Heart Disease Prevention Project is gathering the most comprehensive data ever assembled on an American population. At the same time, our clinical advances in cardiac transplantation and in the treatment of heart failure are setting national standards. Our work on the genetic and environmental control of risk factors for cardiovascular disease is revolutionizing medicine.

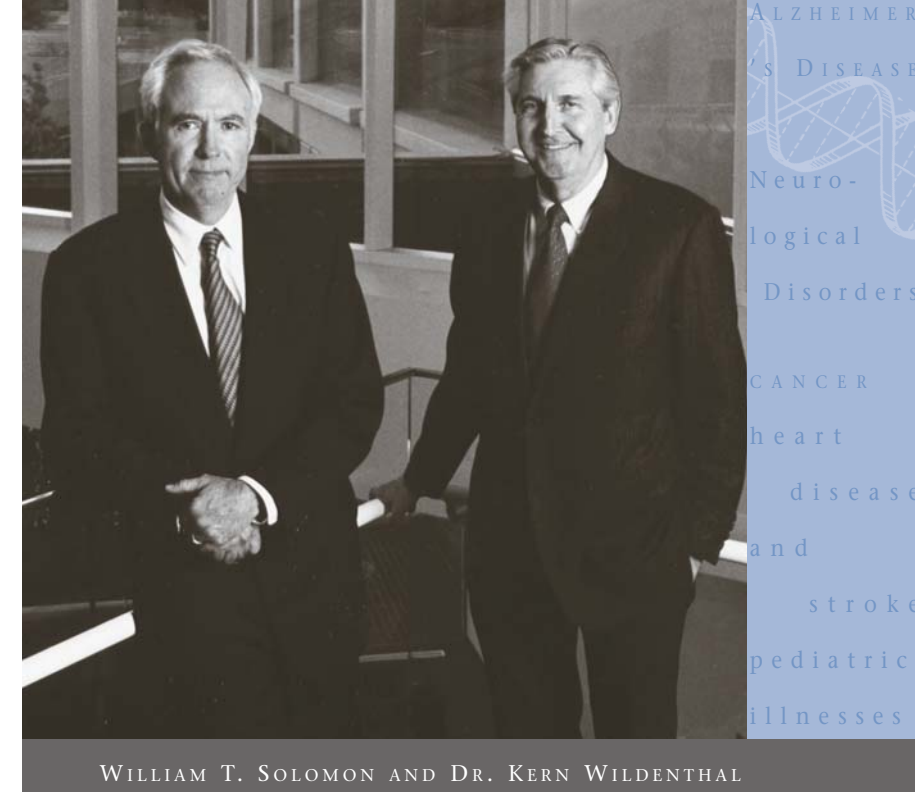
PEDIATRIC ILLNESSES, BIRTH DEFECTS AND INHERITED DISORDERS. Knowledge of the genetic code has opened the way to prevent and cure a host of pediatric diseases. Many illnesses that strike at an early age have genetic influences — congenital heart diseases and other birth defects; sickle-cell disease; cystic fibrosis and other pulmonary diseases; diabetes, rheumatoid arthritis and lupus erythematosus; Crohn’s disease and ulcerative colitis; and many forms of pediatric cancers. For these and related diseases, whether they appear in childhood or later in life, basic and clinical research is rapidly leading to new strategies for cures and preventions.

INFECTIOUS DISEASES, IMMUNOLOGY AND BIOTERRORISM DEFENSE. UT Southwestern scientists are working aggressively to develop better vaccines to prevent infections and more potent medicines to treat them. Immunological studies are revealing the body’s natural defense mechanisms, how they can go awry and how they may be enhanced. And while we are seeking new ways to neutralize and defeat biological agents that might be used by terrorists, we are accelerating our battle against conventional infectious diseases such as meningitis, hepatitis and AIDS.

BASIC MOLECULAR RESEARCH, BIOSTATISTICS AND COMPUTATIONAL BIOLOGY, MEDICAL IMAGING, AND BIOTECHNOLOGY. With data from the Human Genome Project, UT Southwestern researchers are poised to make major breakthroughs in molecular research and biotechnology. To bring order to the ever-expanding data from research and clinical trials, researchers will rely on biostatistics and computational biology, burgeoning fields that merge computer science, mathematics and biomedicine. Both research and clinical diagnosis are being transformed by amazing advances in the ability to make computer-assisted images of the body’s organs, tissues, cells and molecules. Many of the discoveries that will shape our future will be made in concert with private biotech companies to ensure that our discoveries are translated as rapidly as possible into effective and useful products.

FACILITIES AND EQUIPMENT. Without modern facilities and equipment, even the best scientists cannot apply their full intellectual resources to conquering the diseases we are targeting. Funds are being sought for the largest research building ever constructed at a Texas university or medical center, for a state-of-the-art medical imaging facility, for advanced technical research equipment, and for major clinical enhancements at St. Paul University Hospital, Zale Lipshy University Hospital and UT Southwestern’s outpatient facilities.

ENDOWED CHAIRS AND SCHOLARS. Our future depends on our ability to assemble teams of the finest doctors and scientists available, retain them and allow them to flourish. Endowed chairs for outstanding senior faculty members will allow us to recruit and retain those who have already



WILLIAM T. SOLOMON AND DR. KERN WILDENTHAL

achieved great distinction in medical science and clinical care. Simultaneously, our acclaimed program for Endowed Scholars will be expanded, enabling us to attract tomorrow’s superstars and launch their careers under the guidance of Nobel-caliber mentors.

ENDOWED CENTERS, CLINICAL PROGRAMS AND RESEARCH FUNDS. Support for targeted areas of medicine will bring together laboratory researchers and clinicians to work collaboratively on the most important and challenging problems of the future. UT Southwestern’s tradition of utilizing multidisciplinary teams of the best basic scientists and doctors to bring the full force of modern science to bear on the major problems of medicine will be enhanced and extended, and our clinical services will be second-to-none.

CLINICAL TRIALS OF NEW THERAPIES. Although UT Southwestern has long been a leader in providing access to the latest drugs and therapies under development, our clinical trials program must be expanded so that no one from our region need go elsewhere in search of the latest medical hope. Added funding will allow us to enlarge and improve the existing structure of clinical trial programs and attract faculty and research nurses with extensive expertise in this area. This will ensure that the very latest cutting-edge medicine will always be available to patients in North Texas.

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CHAIRMAN

William T. Solomon

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Mrs. Eugene McDermott
Deborah and Tex Moncrief, Jr.
Edith and Peter O’Donnell, Jr.
Margot and Ross Perot
Margaret and Bob Rogers
Sarah and Charles E. Seay
Annette and Harold Simmons

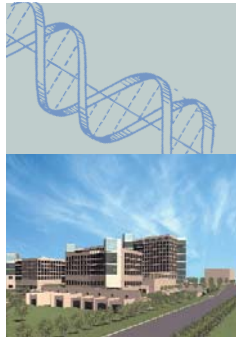
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Tom Luce
J. Frank Miller III
Donald Zale

INNOVATIONS IN MEDICINE

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ENHANCED CLINICAL SERVICES. Year by year, as UT Southwestern's reputation as an international center of medical excellence has grown, demands for our clinical services have multiplied. Once centered at Parkland Memorial Hospital, Children's Medical Center of Dallas and the Dallas Veterans Affairs Medical Center, our physician practice now also serves hundreds of thousands of patients at Zale Lipshy and St. Paul University Hospitals as well as at UT Southwestern's multiple outpatient clinics. All this has stressed the existing systems and created the need for a transformation of our patient services programs to ensure that each of our patients will be treated efficiently, graciously, expeditiously, and with all the care and attention they deserve. Additional support will enable us to update telephone, record-keeping and billing systems; establish electronic medical record systems; enhance communications with referring physicians; and provide optimal training for all staff who interact with patients — in sum, to provide a quality of care and service that is second-to-none. ❁



WILLIAM T. SOLOMON

LEADERSHIP COUNCIL CHAIRMAN WILLIAM T. SOLOMON leads the committee of prominent civic and business leaders who have volunteered to help UT Southwestern achieve its \$450 million goal.

Solomon is chairman of Austin Industries. A Dallas native, he is a graduate of Southern Methodist University and the Harvard Graduate School of Business.

Solomon is a member of the boards of Belo, Hoblitzelle Foundation and Southwestern Medical Foundation. He previously has served as chairman of the Dallas Citizens Council; Greater Dallas Chamber; and Dallas Together Forum, which he co-founded in 1991.

He received the J. Erik Jonsson Ethics Award from the Cary M. Maguire Center for Ethics and Public Responsibility at SMU in 2000, and the Annette Strauss Dallas Together Forum Award in 1999. Solomon was named to the Texas Business Hall of Fame in 1996.

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