



Texas Children's Hospital®

SKY HIGH DONATED \$725,000 TO FUND THE SKY HIGH FOR KIDS TUMOR BIOLOGY LABORATORY

Donation covers purchase, installation & maintenance of a

HELIOS CYTOF

mass spectrometer, a highly specialized piece of equipment for single cell analyses.



Tumors are processed and stored in a manner that allows researchers to investigate "weaknesses" of individual cancer cells and

DEVELOP THERAPIES

based on their inherent or acquired weaknesses.



The goal of the Sky High Lab at TXCH is to study the biology of cells from individual childhood cancers to

IDENTIFY THE SPECIFIC CHARACTERISTICS

responsible for each cancer's development, progression and responsiveness to therapy.



Investigators can subsequently design, precision therapies that are tailored

SPECIFICALLY FOR EACH CHILD.

based on the characteristics of their tumor.



QUICK FACTS ABOUT TEXAS CHILDREN'S HOSPITAL CANCER & HEMATOLOGY CENTERS



TOP 5

CONSISTENTLY RANKED AS ONE OF THE BEST PEDIATRIC CANCER PROGRAMS IN THE U.S.

U.S. News & World Report



250

ACTIVE THERAPEUTIC CLINICAL TRIALS



SERVE PATIENTS FROM
50 STATES & 56 COUNTRIES



95

AVERAGE INPATIENTS PER DAY



650

NEW CANCER PATIENTS EACH YEAR



4

LOCATIONS IN TEXAS

QUICK FACTS ABOUT TEXAS CHILDREN'S GLOBAL HOPE PROGRAM



8 AFRICAN COUNTRIES

COLLABORATING WITH TEXAS CHILDREN'S CANCER AND HEMATOLOGY

Primary focus on Botswana, Uganda and Malawi



>4,000

HEALTH CARE PROFESSIONALS TRAINED



>12,000

PATIENTS TREATED



700+

NEW CANCER PATIENTS SEEN ANNUALLY



Texas Children's Hospital®

SKY HIGH PLEDGE \$20 MILLION TO FUND TWO MAJOR PROJECTS THAT WILL SUPPORT TEXAS CHILDREN'S HOSPITAL EFFORTS TO TACKLE CHILDHOOD CANCER WORLDWIDE.

In the U.S., approximately 16,000+ children develop cancer each year. Given the availability of state-of-the-art treatments, abundant medical resources and highly trained sub-specialist physicians in pediatric hematology-oncology, over 80% of these children are cured. While we are curing over 80% of children with cancer in the U.S., many survive their cancer to face lifelong quality of life challenges that resulted from their treatment. In contrast, in sub-Saharan Africa, over 100,000 children develop cancer each year and 90% of these children do not survive. This is due to lack of adequate healthcare infrastructure for a proper diagnosis, unavailability of needed medications, and most importantly, a near-complete absence of trained pediatric hematology-oncology (PHO) specialists and health care providers to care for children with cancer. Because a cure alone isn't enough and because far too many children are losing their battle, we have committed to the following two major projects:

SKY HIGH FOR KIDS CANCER IMMUNOTHERAPY CENTER

Immunotherapy represents an effective and potentially less toxic treatment for cancer that may

IMPROVE CURE RATES WITHOUT LIFELONG SIDE EFFECTS.



IMMUNOTHERAPY USES A PATIENT'S OWN IMMUNE SYSTEM

to more effectively fight their cancer while avoiding damage to noncancerous normal tissue.



\$10 MILLION WILL FUND:

- Pre-clinical laboratory research
- The conduct of clinical trials
- Hiring of specialized laboratory & clinical research scholars
- A clinical training fellowship in childhood cancer immunotherapy
- Triennial international immunotherapy symposium



This investment will **EXPEDITE THE DEVELOPMENT OF NEW IMMUNE THERAPIES**

for childhood cancer.



GLOBAL HOPE INITIATIVE SKY HIGH FOR KIDS TRAINING CENTERS

ESTABLISH

SKY HIGH FOR KIDS TRAINING CENTERS AT GLOBAL HOPE SITES in Botswana, Malawi and Uganda.



\$10 MILLION WILL FUND:

Pediatric Hematology-Oncology (PHO) training for:

- PEDIATRICIANS
- NURSES
- PHARMACISTS
- DATA MANAGERS
- PROTOCOL COORDINATORS
- SOCIAL WORKERS



Every additional

10% INCREASE

in survival that Global HOPE achieves means an additional

100,000 CHILDREN WHO ARE SAVED EACH YEAR.

