LDS PHILANTHROPIES AT BYU

The Cancer Research Center is jointly sponsored by the College of Physical and Mathematical Sciences and the College of Life Sciences.

DIRECTOR: Daniel Simmons, PhD  
CO-DIRECTOR: Merrill Christensen, PhD

We are grateful for any contribution supporting Cancer Research at BYU. For more information about giving, please contact:

• Fund the research of one cancer research fellow from April-August
• Meet the recipient of your donation at the opening fellowship luncheon
• Participate in the end of summer research presentation by fellows
• Learn, first-hand, the impact of your donation

FOR YOUR DONATION OF $8000 YOU WILL:

Every minute, 15 PEOPLE DIE of cancer.

The BRIGHAM YOUNG UNIVERSITY

CANCER RESEARCH CENTER

is working to change that.

Our vision at the BYU Cancer Research Center is to conduct and publish innovative research that will significantly contribute to a cure for cancer.

501(c)(3) Nonprofit Organization  
Tax ID number: 87-0217280

Consider inquiring about a matching charitable gift program from your employer.

We are grateful for the many contributions to the Cancer Research Center. One hundred percent of your donation directly funds the fellowship program. With your generous support, cutting-edge research at BYU will impact the lives of many.
Cancer research at BYU is conducted by research faculty in various departments across campus. Their research is financially aided through fellowships granted by the Cancer Research Center to student researchers.

Each year, approximately 15 students are able to focus solely on cancer research. The fellowships not only benefit the fight against cancer, but also enable students with research experience and marketable skills.

"The Cancer Research Fellowship provided me an opportunity to learn fundamentals of cell and molecular biology at a very early stage in my career, sparking my interest in cancer biology. The knowledge gained has given me a strong foundation for the information I use on a daily basis to treat cancer patients."

Greg Chipman, M.D., Utah Cancer Specialists

ANDREW’S STORY

Andrew Roach, a former BYU student, is a cancer survivor. He was diagnosed with the same type of cancer that took the life of former BYU President, Rex Lee. Fortunately for Andrew, cancer research advanced the ability of doctors to successfully treat his disease. In Andrew’s own words:

“It’s awesome that in six months, I can be completely treated without radiation because the chemotherapy works. I was treated quickly and efficiently because people have studied the disease and have found different methods [of treatment]."

WHO WE ARE

The Cancer Research Center at BYU is actively engaged in conducting the same kind of innovative research that saved Andrew Roach’s life. It is a stand-alone research facility focused on solving the fundamental issues underlying cancer - cellular mechanisms of cancer development and how to target and block the cancer-causing mechanisms. This very basic research is essential for the next research phase to follow: human clinical trials conducted at medical institutions.

AWARDED FELLOWSHIPS

1998-2014

Imagine the progress we could make in the fight against cancer by funding every applicant who qualifies for the rigor of the fellowship program. That is our vision.

1989 Discovered COX-2 enzyme, present in tumors and the basis for the development of Celebrex
1992 Discovered enzyme linked to breast cancer recurrence
1995 Demonstrated that bacterial solution on skin activates immune system to combat tumor growth
1998 Identified a protein that pumps chemotherapeutic drugs out of cancer cells
2003 Successfully used ultrasound technology for targeted drug delivery to cancer cells
2006 Developed 99% efficient method for synthesis of Leukemia drug, Cladribine
2010 Discovered BMP2 protein, indicated in cell nucleus development
2011 Created a nucleoside with selective toxicity against colon cancer cells
2014 Discovered Programmed Cell Death 5, instrumental in blocking cell division in cancerous cells

SIGNIFICANT BREAKTHROUGHS

We appreciate your interest in Cancer Research at BYU. We look forward to partnering with you to find a cure.