

Message from the Founders and Executive Director



Jon M. and Karen Huntsman
Founders and Principal Benefactors

Huntsman Cancer Institute (HCI) began with the idea that it is possible to defeat cancer.

A notoriously dreadful illness, cancer is the second leading cause of death in the United States. It strikes regardless of race, socioeconomic status, gender, or age.

Our idea was ambitious and our challenge formidable, but our commitment is steadfast. We have built an institute that unites the world's best scientists and physicians to conquer cancer.

HCI is a place where more than 150 faculty members in our National Cancer Institute (NCI)-Designated Cancer Center are committed to advance the most compelling science to impact patient care. This NCI designation is recognized throughout the world as the mark of an elite group of organizations leading the charge to understand, treat, prevent, and—ultimately—find a cure for cancer.

Our researchers are trailblazers. Their ideas begin with a hypothesis, informed by years of experience, about a better way to approach cancer. They are challenged to think beyond the standard of care that exists today to how their science can raise the bar for the cancer care of tomorrow.

Ideas lead to research studies or experiments. Our facilities include state-of-the-art laboratories and cutting-edge research equipment such as mass spectrometry and high-throughput DNA sequencing. The expertise of each individual is bolstered by a rich environment of creative minds who understand collaboration is a key to rapidly advancing the best ideas.

Our investigators mentor a cadre of talented young students and postdoctoral fellows. These trainees play a key role in cancer research today, and will lead the fight against cancer in years to come. Generous donors stand by our side, enabling us to cultivate these big ideas in their earliest stages.

Our commitment to collaboration goes beyond our cancer campus. Through an innovative alliance with Intermountain Healthcare, HCI has improved access to the highest quality cancer research and care throughout the state of Utah. Our work with cancer clinics in neighboring states helps fortify this commitment.

Laboratory breakthroughs lead to innovative clinical trials. HCI has a robust clinical trials portfolio, including a Phase I program that witnessed significant growth in 2010, offering patients treatment options that would not exist otherwise.

Not every idea travels the full spectrum from hypothesis to improved cancer treatment. But each idea illuminates our understanding of how cancer begins, how it behaves, how best to treat it, and how to prevent it outright. Each idea provides those who are impacted by cancer with a reason to hope. HCI is a place where ideas begin and hope never ends.

Being mindful of the environment, this small document printed on 30% post-consumer recycled paper provides a glimpse of what you'll find in expanded stories online:
www.huntsmancancer.org/annualreport2010

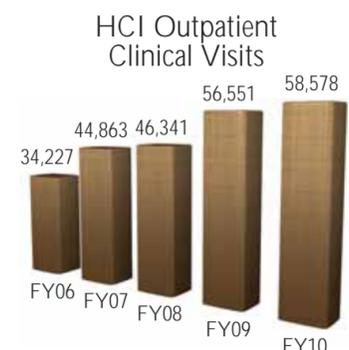
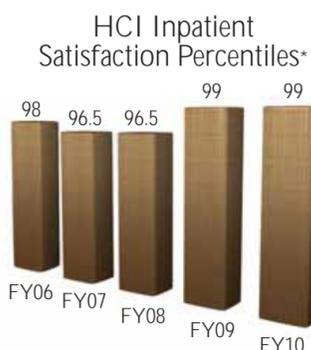
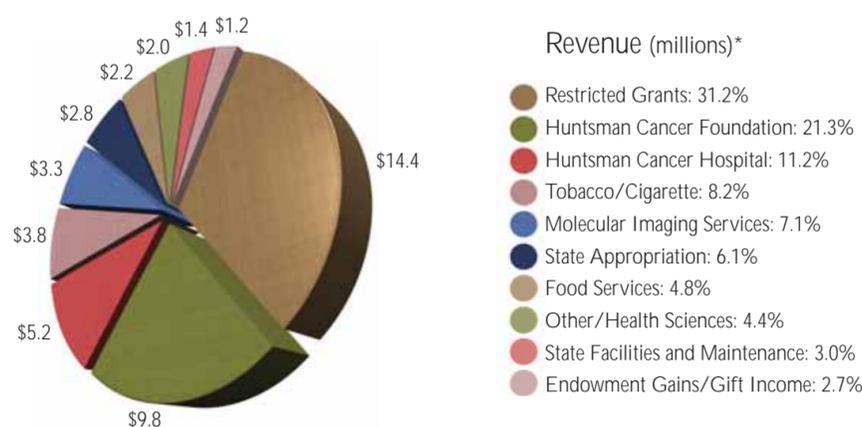


Mary Beckerle, PhD
Chief Executive Officer and Director



Huntsman Cancer Institute is part of the University of Utah Health Care System, ranked no. 1 in the nation in the University HealthSystem Consortium's 2010 Quality and Accountability Study.

Financial Data FY10



*NOTES:

- Clinical revenues and expenditures of HCI are not included in these amounts. Refer to the University of Utah Health Care annual report.
- Additional funds for HCI programs are also budgeted through the University of Utah administration and academic departments.
- Inpatient satisfaction percentiles are based on a national ranking of more than 1,000 similar-sized hospitals. Surveys are conducted and managed by Press Ganey, the industry leader in health care performance improvement.

Where Ideas Begin

2010 Annual Report





Groundbreaking Colon Cancer Research Continues

Much of the colon cancer research conducted at HCI can be traced back to one question: How do mutations in the adenomatous polyposis coli (APC) gene cause cancer? The HCI effort to understand colon cancer at a genetic level has led to several breakthroughs. In 2010, the National Cancer Institute awarded HCI a \$12.2 million grant to continue this promising research. Find out how HCI researchers will use the funds to discover new ways to detect, treat, and prevent colon cancer.

Understanding Cancer from Its Beginnings: A Quality Control Step Identified in Cell Division

What would happen in the final step of cell division if a particular nuclear pore protein was taken out of the equation? And how would this help in understanding cancer from its beginnings? Learn how one HCI investigator nurtured this idea and is cultivating further understanding of how cancer develops and how to stop precancerous cells from dividing.



A Personal Approach to Cancer Care for Native Americans

Native Americans have the lowest five-year cancer survival rate of any group in the United States. The Patient Navigator Program grew out of HCI's commitment to reduce cancer health disparities in underserved and minority populations. The program was extended through a federal grant awarded in 2010 by the Health Resources and Services Administration. Read how trained navigators—themselves from tribal communities—help other Native Americans negotiate the health care system, access better cancer care, and learn to reduce risk and prevent cancer in the first place.



After the Breakthrough, Beyond the Discovery

What's the breakthrough? Where's the new discovery? Who's using cutting-edge technology? Science media reports focus on the new and amazing, but in truth, the real work of bringing science discoveries into clinical practice continues in slow, small increments for years after the bold discovery is reported. With that in mind, visit our expanded Annual Report online to view the progress on three HCI research projects first highlighted in the 2009 Annual Report: a head and neck cancer gene discovery, a test for individualizing breast cancer treatment, and early-phase clinical trials.

Peace of Mind for Adult Survivors of Childhood Cancers

Survivors of childhood cancers often have unanswered questions about how their diagnoses and treatments will affect their lives into adulthood. HCI's Pediatric Cancer Late Effects Clinic addresses the physical and emotional long-term impact of childhood cancer treatments, while sowing collaboration and education to effectively manage and screen for effects later in life. Read about this new clinic and meet a survivor of childhood rhabdomyosarcoma who says the clinic's services go far beyond medical care.



Individualized Medicine at HCI Becoming a Reality

Here's another way the seeds of research have grown into changes in clinical care at HCI. With the award of a grant in August 2010, HCI has created the new Translational Oncology Shared Resource, which will be able to analyze hundreds of possible mutations in the DNA of tumor cells from individual patients. The results will help us find the most effective treatment for each patient. Read about this step toward making the ideal of individualized medicine a reality for every HCI patient.

Patient Concerns Eased about Breast Reconstruction after Mastectomy

When a woman loses her breast to cancer, it's a sign of disease that cannot be hidden. Still, breast reconstruction can be a difficult decision. An HCI surgeon and investigator found that reconstruction surgery adds no risk to breast cancer survival and allayed patient concerns that it may delay or interfere with treatment. Find out how this research may influence the way physicians discuss reconstruction with breast cancer patients across the country.

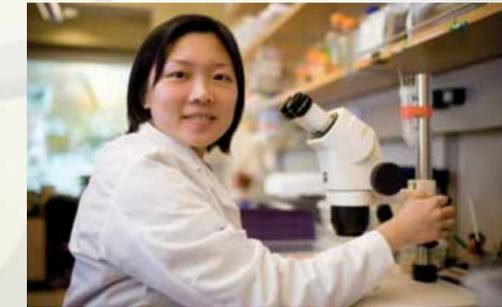


A Model Program for Cancer Education Nationwide

When Jon M. Huntsman was diagnosed with cancer, he didn't know where to turn for information. He knew a cancer library would be an important part of HCI from its inception. The Cancer Learning Center (CLC) was established as a vital part of HCI's mission to provide information about cancer risk, prevention, and care. Since sprouting from those early ideas, the CLC has grown into an award-winning, model program for cancer education, with a reputation for excellence. Find out about the CLC's unique services, how much it has grown, and its plans for the future.

Care for the Caregiver: Supporting Family Members through Hospice and Bereavement

A terminal cancer diagnosis focuses on the patient's needs, yet the family members who care for the person also face a difficult life transition. Researchers from HCI collaborate in a study to improve support and symptom management of family caregivers throughout their loved one's hospice care and into bereavement. Find out how outcomes from this study are expected to benefit caretakers as well as improve the tools and strategies hospice nurses use to support patients and their family caregivers.



Philanthropy—Helping Make Breakthroughs that Save Lives

Some of the most important ideas must be cultivated before they are eligible for traditional sources of cancer research funding. Because of generous private donations, Huntsman Cancer Foundation—the nonprofit organization that supports HCI exclusively—is able to fund the most innovative ideas from their inception, transforming how we identify people at risk for cancer, achieve early diagnosis, and develop new treatments. Read about two such ideas, and how donors are key in moving the most promising science to the fast track.