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MILESTONES 2009

Dear Friends,

On behalf of everyone at Dana-Farber, I wish you and your family a very happy New Year. This past year, we made incredible strides toward our lifesaving mission to conquer cancer, and we thank you for your part in making it happen. Your unwavering support led to many exciting breakthroughs which have expanded our understanding of why cancers develop, helped us to create more effective treatments, and further enhanced our expert, compassionate care.

We also made amazing progress in *Mission Possible: The Dana-Farber Campaign to Conquer Cancer*.

Thanks to your generosity, we reached our \$1 billion fundraising goal one year early! Support for the *Mission Possible* Campaign has created new avenues of research and new treatment options. However, much more work remains to be done as we work toward our overall goal of personalized medicine: getting the right drug, to the right patient, at the right time. Dana-Farber is committed to continued fundraising through the scheduled end of the Campaign until we realize this goal for each and every patient.

The following highlights represent some of the accomplishments from the past year of which we are most proud. None of this would have been possible without your continued generosity and support.

Revolutionary Research

- Led the largest-ever genomic study of **lung cancer**, identifying 26 frequently mutated genes that serve as potential new drug targets
- Conducted clinical trials evaluating the effectiveness of **PARP inhibitors**, a new class of drugs designed to zero in on the exact genetic changes that make breast and ovarian cancer cells so deadly, and leave normal cells unscathed
- Developed a new “six-gene” diagnostic test for **prostate cancer** which, when combined with a traditional PSA test, is more accurate and helps eliminate false-positive results

Innovative Cancer Study

DFCI's Brian Wolpin, MD, MPH (right), helped lead a groundbreaking new study confirming that men with blood types A, B, or AB could be more likely to develop pancreatic cancer than those with type O. Scientists are using this knowledge to develop new therapeutic targets for the disease.



- Identified a set of proteins in **triple-negative breast cancer**, a particularly aggressive form of the disease, that indicates which patients are at the greatest risk for rapid relapse and, as a result, may benefit from additional therapy
- Revealed that the regular use of aspirin following a **colorectal cancer** diagnosis may reduce the risk of cancer death for certain patients
- Discovered that combining two treatment approaches—a stem cell transplant followed by vaccine therapy—is effective for patients with aggressive **acute myeloid leukemia (AML)**

Compassionate Care

- Introduced New England's first **cord blood donation program**, in partnership with Brigham and Women's Hospital, to preserve umbilical cord blood containing stem cells that can be matched to patients in need of bone marrow transplants
- Recognized, in partnership with Children's Hospital Boston and Brigham and Women's Hospital, as one of only three **stem cell transplant programs** nationwide to consistently outperform the expected one-year survival rate for unrelated donor stem cell transplants
- Opened our third satellite clinic, **Dana-Farber/New Hampshire Oncology-Hematology**, in Londonderry, N.H., bringing Dana-Farber's world-class care closer to home for adult patients living north of Boston
- Offered free **financial coaching services**—one of the first such programs in the U.S.—to help patients and families manage the economic repercussions associated with cancer treatment
- Launched a **Spanish website**, *espanol.dana-farber.org*, to provide Spanish-speaking patients with information on DFCI's cutting-edge cancer research and care

In the News

- Ranked the **No. 1 cancer hospital** in New England by *U.S. News & World Report* for the ninth consecutive year
- Included twice in the prestigious *Science* magazine list of "**Top 10 Scientific Discoveries of 2008**," first for having found the molecular switch that controls brown fat, and second for having identified an array of genes implicated in brain cancer

Landmark Imaging Center

In April, Dana-Farber President and CEO Edward J. Benz Jr., MD, Boston Mayor Thomas M. Menino, and state Sen. Jack Hart (right) helped open the Lurie Family Imaging Center, a state-of-the-art facility that will make the process of cancer drug development more efficient.



- Earned **Magnet status**—the highest award granted internationally for nursing excellence within a health care institution—for the second time, with only 6 percent of hospitals worldwide holding this accreditation
- Featured on ABC’s “World News Tonight with Charles Gibson,” which named our Jimmy Fund Clinic patients as its “**Persons of the Week**” when members of Boston Iron Workers Union Local 7 spray-painted steel beams for the Yawkey Center for Cancer Care with the names of many young patients
- Named one of only 10 charities nationally with the **most consecutive 4-star ratings**—the highest ranking—by Charity Navigator, America’s largest independent evaluator of non-profit organizations, demonstrating our ongoing commitment to prudent financial management and low cost-of-funds raised
- Awarded a total of \$3 million from **Stand Up To Cancer**—more than any other institution in the U.S.—which will support the innovative, high-risk/high-reward research of four young DFCI scientists

Additionally, this past year I was asked by Sen. Kay Bailey Hutchinson (R-TX) and the late Sen. Edward M. Kennedy (D-MA) to co-chair a working group that made recommendations to shape a landmark federal cancer bill aimed at re-launching the war on cancer. The bill is still under review, and we will continue to provide feedback and guidance as it progresses.

I hope these incredible achievements make you proud of Dana-Farber and our mission. Your generosity is helping us change the standard of care for cancer patients around the world. Thank you for your steadfast support.

Sincerely,



Edward J. Benz Jr., MD
 President & CEO
 Dana-Farber Cancer Institute



Global Cancer Summit

Representing Dana-Farber at a three-day Global Cancer Summit in Dublin in August, Lawrence Shulman, MD (center), the Institute’s chief medical officer, joined approximately 500 health, government, and corporate officials to highlight cancer as a global problem.

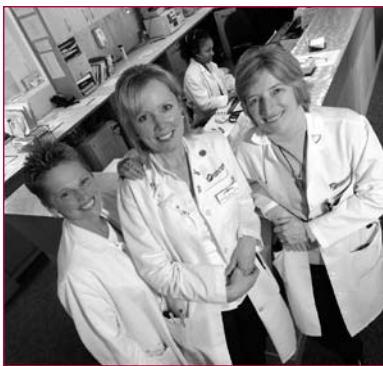
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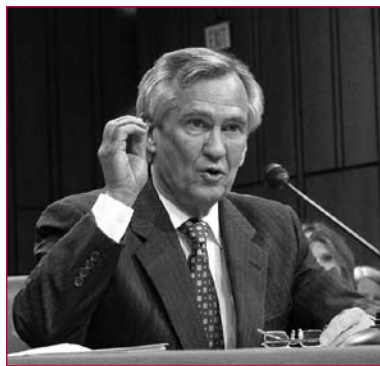


Thanks to your generous support, thousands of patients, like Jack O’Riordan, are benefiting from the world-class research and care at Dana-Farber Cancer Institute.

D A N A - F A R B E R C A N C E R I N S T I T U T E



Dana-Farber earns prestigious Magnet status for second time



DFCI helps shape landmark federal cancer bill aimed at re-launching the war on cancer



Jimmy Fund Clinic patients featured on ABC’s “World News Tonight with Charles Gibson”